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Statistics  
1948



United States Department of Agriculture



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1948



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# Agricultural Statistics, 1948

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## INTRODUCTION

Agricultural Statistics brings together each year the more important series of statistics compiled in the Department of Agriculture or in other departments whose work concerns agriculture. Although far more information is available than can be included in a single volume, the tables selected give a wide variety of facts in forms suited to most common uses. Inquiries concerning more detailed data or the statistical methodology used should be addressed directly to the agencies to whom tables in this volume are credited. These agencies can also answer questions about past and prospective revisions in published data.

Historical series have again been generally limited to data beginning with 1929 or 1930, or to the most recent 10 years. Agricultural Statistics for 1942 is still the most complete reference for earlier data. In building up series from earlier volumes, however, it should be remembered that statistics most recently published supersede those published previously.

The table of contents indicates the general lay-out of the book, and page headings indicate the subdivisions within each chapter.

The term "farm value" as used in the various tables means the value of farm products at the local market. The word "year" (alone) in a column heading means "calendar year."

When the word "Yearbook" appears alone, it refers to the Yearbook of Agriculture, published annually by the Department of Agriculture. Through 1935, approximately one-half of each Yearbook carried the kind of material that is now published separately in Agricultural Statistics.

### DEPARTMENT ESTIMATES AND CENSUS FIGURES

Estimates of the Department of Agriculture are made primarily to give timely current State and national totals and averages. They are based on "benchmark" data supplied by the quinquennial census of agriculture and on sample data supplied by farmers and by people who do business with farmers, together with check data from other sources. Being estimates, they are subject to revisions as more data become available from commercial or Government sources.

Census data are the results of the most nearly complete enumeration or actual count that can be made, and are used for many other purposes than determining State and national totals and averages. For example, each census provides much detailed information about counties and minor civil divisions. It also provides data which can be organized into many frequency distributions and cross-classifications for large and small portions of the country.

The definition of a census precludes revising census data to bring them in line with other indications, even though in practice it is

difficult to obtain a complete enumeration. Any effort to make such revisions would produce estimates.

For census years, many tables carry both census figures and this Department's estimates.

Generally, where there are appreciable differences between census figures and this Department's final estimates, the process of checking and revising estimates has indicated that some sources provide more nearly complete information about some items than the census has been able to obtain. For example, this Department's estimates of tobacco production can be considered more precise than census figures, because the estimates are revised in line with actual production as shown independently by Internal Revenue records and State records of tobacco sales. Sugar-beet and sugarcane production and acreage estimates are adjusted to the quantities actually reported by sugar factories. Check information on peanuts is available from processors for areas sometimes including several States. Another illustration may be found in the introduction to the chapter on livestock statistics.

Additional information about the relation between census data and the Department of Agriculture's estimates can be obtained from the Bureau of Agricultural Economics, U. S. Department of Agriculture, Washington 25, D. C.

#### WEIGHTS, MEASURES, AND CONVERSION FACTORS

"Ton" when used in this book without qualification means a short ton of 2,000 pounds.

The subjoined table of weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked in the Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The figures were assembled from various sources within the Department and from State schedules of legal weights. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume, due to differences in variety or size of the commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort was made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point-of-origin weight or weight at harvest was used.

The approximate or average weights, as given in this table, do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weights. The table was prepared chiefly for use of workers in the Department of Agriculture who have need of conversion factors in statistical computations. The figures are subject to revision.

WEIGHTS, MEASURES, AND CONVERSION FACTORS

[See explanatory text just preceding this table]  
WEIGHTS AND MEASURES

Commodity	Unit <sup>1</sup>	Approximate net weight	Commodity	Unit <sup>1</sup>	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Alfalfa seed.....	Bushel.....	60	Grain sorghums.....	Bushel.....	56 and 50
Apples.....	do.....	48	Grapefruit:		
	Box <sup>2</sup> .....	44	Florida and Texas.....	Box <sup>17</sup> .....	80
	Barrel.....	140	California.....	do <sup>18</sup> .....	19 68
Apricots.....	Bushel.....	48	Grapes.....	Bushel.....	48
Western.....	Crate <sup>3</sup> .....	22	Eastern.....	12-quart basket.....	18
Artichokes:				Lug box <sup>20</sup> .....	28
Globe.....	Box <sup>4</sup> .....	40		4-basket crate <sup>21</sup> .....	20
Jerusalem.....	Bushel.....	50	Western.....	Keg (2,642 cubic inches).....	22 32
Asparagus.....	Crate.....	30		Box, sawdust pack <sup>23</sup> .....	34
Avocados:			Hempseed.....	Bushel.....	44
California.....	Box <sup>5</sup> .....	13	Hickory nuts.....	do.....	50
Florida.....	do <sup>6</sup> .....	12-15	Honey.....	Gallon.....	11.75
Bananas.....	Bunch, 8-9 hands.....	45-65	Honey Ball melons.....	Crate.....	70
Barley.....	Bushel.....	48	Honey Dew melons.....	do.....	35
Beans:			Hops.....	Bale, gross.....	200
Lima, dry.....	do.....	56		Bushel.....	85
Others, dry.....	Sack.....	100	Horseradish roots.....	Barrel.....	100
Lima, unshelled.....	Bushel.....	32	Hungarian millet seed.....	Bushel.....	48 and 50
Snap.....	do.....	30	Kafir.....	do.....	56 and 50
Beets:			Kale.....	do.....	18
Without tops.....	do.....	52	Kapok seed.....	do.....	35-40
Bunched.....	Western crate <sup>7</sup> .....	70	Lard.....	Tierce.....	375
Berries, frozen pack:			Lemons, California.....	Box <sup>24</sup> .....	19 79
Without sugar.....	50-gallon barrel.....	380	Lentils.....	Bushel.....	60
3+1 pack.....	do.....	425	Lettuce.....	Western crate <sup>7</sup> .....	70
2+1 pack.....	do.....	450	Limes.....	Box <sup>17</sup> .....	80
Blackberries.....	24-quart crate.....	36	Linseed oil.....	Gallon.....	9 7.7
Bluegrass seed.....	Bushel.....	14-30	Malt.....	Bushel.....	34
Broomcorn (6 bales per ton).....	Bale.....	333	Maple sirup.....	Gallon.....	11
Broomcorn seed.....	Bushel.....	44-50	Meadow fescue seed.....	Bushel.....	24
Buckwheat.....	do.....	48-52	Milk.....	Gallon.....	8.6
Butter.....	Tub.....	63	Millet.....	Bushel.....	48-50
	1½-bushel hamper.....	45-50	Molasses.....	Gallon.....	12
	per.....		Mustard seed.....	Bushel.....	58-60
Cabbage.....	Western crate <sup>7</sup> .....	80	Oats.....	do.....	32
Cantaloup.....	Jumbo crate <sup>8</sup> .....	70	Olive.....	Lug box <sup>29</sup> .....	25-30
Carrots:			Olive oil.....	Gallon.....	9 7.6
Without tops.....	Bushel.....	50		Sack.....	100
Bunched.....	Western crate <sup>7</sup> .....	75	Onions, dry.....	do.....	50
Castor-beans.....	Bushel.....	46		Bushel, late.....	57
Castor oil.....	Gallon.....	9 8		Bushel, early.....	50
Cauliflower.....	1½-bushel crate.....	37	Onions, green bunched.....	Crate <sup>9</sup> .....	50-55
Cauliflower.....	¾ crate <sup>10</sup> .....	90	Onion sets.....	Bushel.....	28-32
Celery.....	½ crate.....	65	Oranges:		
Cherries:			Florida and Texas.....	Box <sup>17</sup> .....	90
With stems.....	Bushel.....	56	California.....	do <sup>18</sup> .....	19 77
Without stems.....	do.....	64	Orchard grass seed.....	Bushel.....	14
	Flat box <sup>11</sup> .....	15	Palm oil.....	Gallon.....	9 7.5
Clover seed.....	Bushel.....	60	Parsnips.....	Bushel.....	50
Corn:			Peaches.....	do.....	48
Ear, husked.....	do.....	12 70		Lug box <sup>20</sup> .....	20
Shelled.....	do.....	56	Peanut oil.....	Gallon.....	9 7.7
Green, sweet.....	do.....	35	Peanuts, unshelled:		
Meal.....	do.....	50	Virginia type.....	Bushel.....	22
Oil.....	Gallon.....	9 7.7	Runners, southeastern.....	do.....	28
Sirup.....	do.....	11.75	Spanish.....	do.....	30
	Bale, gross.....	500	Pears, California.....	do.....	48
	Bale, net.....	15 480	Other.....	do.....	50
Cotton.....	Bushel.....	14 32	Western.....	Box <sup>25</sup> .....	46
Cottonseed.....	Gallon.....	9 7.7	Peas:		
Cottonseed oil.....	Bushel.....	60	Green, unshelled.....	Bushel.....	30
Cowpeas.....	Bushel.....	60	Dry.....	do.....	60
Cranberries.....	Barrel.....	100	Peppers.....	do.....	25
	¼-barrel box <sup>15</sup> .....	25	Perilla seed.....	do.....	37-40
Cream, 40-percent butterfat.....	Gallon.....	8.39	Pineapples.....	Crate <sup>26</sup> .....	70
	Bushel.....	48		Bushel.....	56
Cucumbers.....	24-quart crate.....	36	Plums and prunes.....	do.....	20
Dewberries.....	Bushel.....	33		Crate <sup>3</sup> .....	20
Eggplant.....	Case, 30 dozen.....	45		Suitcase lug <sup>27</sup> .....	16
Eggs, average size.....	Bushel hamper.....	25	Popcorn:		
Escarole.....	Box, single layer.....	6	On ear.....	Bushel.....	12 70
Figs, fresh.....	er <sup>16</sup> .....	56	Shelled.....	Bushel.....	56
Flaxseed.....	Bushel.....	56			
Flour, various.....	Barrel.....	196			

WEIGHTS AND MEASURES—(Continued)

Commodity	Unit <sup>1</sup>	Approximate net weight	Commodity	Unit <sup>1</sup>	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Poppy seed	Bushel	46	Tangerines, Florida	{ ½ strap <sup>20</sup>	40
Potatoes	{ Bushel	60	Timothy seed	{ Box <sup>20</sup>	45
	{ Barrel	165	Tobacco:	Bushel	45
Quinces	Bushel	48	Maryland	Hogshead	600-800
Rapeseed	Bushel	50 and 60	Flue-cured	Hogshead	900-1,100
Raspberries	24-quart crate	36	Burley	Hogshead	1,000-1,200
Redtop seed	Bushel	14-40	Dark air-cured	Hogshead	1,000-1,250
Refiner's sirup	Gallon	11.72	Virginia fire-cured	Hogshead	1,050-1,350
Rice:			Kentucky and Tennessee fire-cured	Hogshead	1,350-1,650
Rough	{ Bushel	45	Cigar leaf	{ Case	250-365
	{ Bag	100		{ Bale	150-175
Milled	{ Barrel	162	Tomatoes	{ Bushel	53
	{ Pocket or bag	100		{ Lug box <sup>20</sup>	32
Rosin	Drum, net	520	Turnips:		
Rutabagas	Bushel	56	Without tops	Bushel	54
Rye	Bushel	56	Bunched	Crate <sup>7</sup>	60-80
Sesame seed	Bushel	46	Turpentine	Gallon	7.23
Shallots	Bushel	25	Velvet beans (hulled)	Bushel	60
Sorgo:			Vetch	Bushel	60
Seed	Bushel	50	Walnuts	Bushel	50
Sirup	Gallon	11.55	Water, 60°F	Gallon	8.33
Soybean oil	Bushel	60	Watermelons	Melon of average or medium size	25
	Gallon	7.7	Wheat	Bushel	60
Spelt	Bushel	40	Various commodities	Short ton	2,000
Spinach	Bushel	18		Long ton	2,240
Strawberries	24-quart crate	36			
Sudan grass seed	Bushel	40			
Sugarcane sirup	Gallon	11.35			
Sunflower seed	Bushel	24 and 32			
Sweetpotatoes	Bushel	28 55			

<sup>1</sup> Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

- <sup>2</sup> Approximate inside dimensions, 10½ by 11½ by 18 inches.
- <sup>3</sup> Approximate inside dimensions, 4½ by 16 by 16½ inches.
- <sup>4</sup> Approximate inside dimensions, 9¾ by 11 by 20¾ inches.
- <sup>5</sup> Approximate inside dimensions, 3¾ by 13½ by 16½ inches.
- <sup>6</sup> Approximate inside dimensions, 4¾ by 13½ by 16½ inches.
- <sup>7</sup> Approximate inside dimensions, 13 by 18 by 21¾ inches.
- <sup>8</sup> Approximate inside dimensions, 13 by 13 by 22½ inches.
- <sup>9</sup> This is the weight commonly used in trade practice, the actual weight varying according to temperature conditions.
- <sup>10</sup> Approximate inside dimensions, 22 by 16 by 20¾ inches.
- <sup>11</sup> Approximate inside dimensions, 3¾ by 11½ by 14¾ inches.
- <sup>12</sup> The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it requires 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.
- <sup>13</sup> For statistical purposes the bale of cotton is 500 pounds gross or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.
- <sup>14</sup> This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.
- <sup>15</sup> Approximate inside dimensions, 9¼ by 10½ by 15 inches.
- <sup>16</sup> Approximate inside dimensions, 1¾ by 11 by 16½ inches.
- <sup>17</sup> Approximate inside dimensions, 12 by 12 by 24 inches.
- <sup>18</sup> Approximate inside dimensions, 11½ by 11½ by 24 inches.
- <sup>19</sup> Until 1942, these net weights as used in this Department (for figuring quantities and values of bulk fruit in terms of packed boxes) were 60 pounds for grapefruit, 76 pounds for lemons, and 70 pounds for oranges. Grapefruit in the Desert Valley of California and in Arizona probably weighs slightly less than that in other parts of California, or about 65 pounds per box, compared with 68 pounds in other California.
- <sup>20</sup> Approximate inside dimensions, 5¾ by 13½ by 16½ inches.
- <sup>21</sup> Approximate inside dimensions, 4¾ by 16 by 16½ inches.
- <sup>22</sup> About 13 pounds of sawdust are required to pack 32 pounds of grapes in a keg, thus making the total weight about 45 pounds.
- <sup>23</sup> Approximate inside dimensions, 7¾ by 15 by 18¾ inches.
- <sup>24</sup> Approximate inside dimensions, 9¾ by 13 by 25 inches.
- <sup>25</sup> Approximate inside dimensions, 8½ by 11½ by 18 inches.
- <sup>26</sup> Approximate inside dimensions, 12 by 10½ by 33 inches.
- <sup>27</sup> Approximate inside dimensions, 3¼ by 11 by 18 inches.
- <sup>28</sup> This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying, and the net weight when sold in terminal markets may be below 55 pounds.
- <sup>29</sup> Approximate inside dimensions, 6 by 12 by 24 inches. This is the box ordinarily used in market sales. Farm weight is about 90 pounds per whole box.
- <sup>30</sup> Approximate inside dimensions, 9½ by 9½ by 19 inches.

(See conversion factors on next page)

## CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples.....	1 pound dried.....	7 pounds fresh; beginning 1943, 8 pounds fresh.
Do.....	1 pound chops.....	5 pounds fresh.
Do.....	1 barrel.....	3 boxes or 3 bushel baskets.
Apricots.....	1 pound dried.....	5½ pounds fresh.
Barley flour.....	100 pounds.....	4.59 bushels barley.
Beans, lima.....	1 pound shelled.....	2 pounds unshelled.
Buckwheat flour.....	100 pounds.....	3.57 bushels buckwheat.
Cane sirup.....	1 gallon.....	5 pounds sugar.
Cherries.....	1 pound dried.....	4 pounds fresh in California; 5 pounds fresh elsewhere.
Corn, shelled.....	1 bushel (56 lbs.).....	2 bushels (70 pounds) of husked ear corn.
Corn meal:		
Degermed.....	100 pounds.....	3.16 bushels corn, beginning 1946.
Nondegermed.....	do.....	2 bushels corn, beginning 1946.
Cotton.....	1 pound ginned.....	2.86 pounds unginned, up until 1943.
Dairy products:		
Butter.....	1 pound.....	21 pounds milk.
Cheese.....	do.....	10 pounds milk.
Condensed milk, whole.....	do.....	2.2 pounds milk.
Evaporated milk, whole.....	do.....	Do.
Ice cream <sup>31</sup> .....	1 gallon.....	15 pounds milk.
Ice cream <sup>31</sup> (eliminating fat from butter and concentrated milk). Malted milk.....	do.....	12 pounds milk.
Powdered milk.....	1 pound.....	2.6 pounds milk.
Powdered cream.....	do.....	8 pounds milk.
Dates.....	do.....	19 pounds milk.
Eggs.....	1 pound dried.....	1½ pounds fresh.
Do.....	1 case (45 lbs.).....	37.5 pounds frozen or liquid eggs, since 1937.
Figs.....	do.....	10.1 pounds dried eggs.
Grapefruit, Florida.....	1 pound dried.....	3 pounds fresh in California; 4 pounds fresh elsewhere.
Flaxseed.....	1 case canned.....	Slightly less than 1 box fresh fruit.
Linseed oil.....	1 bushel.....	Yields about 2½ gallons oil.
Malt.....	1 gallon.....	From 0.4 bushel flaxseed.
Maple sirup.....	1 bushel (34 lbs.).....	1 bushel barley (48 lbs.).
Nuts:	1 gallon.....	8 pounds maple sugar.
Almonds, imported.....	1 pound shelled.....	3½ pounds unshelled.
Almonds, California.....	do.....	2.22 pounds unshelled.
Brazil.....	do.....	2 pounds unshelled.
Cashews.....	do.....	4.55 pounds unshelled.
Chestnuts.....	do.....	1.19 pounds unshelled.
Filberts.....	do.....	2.22 pounds unshelled.
Pecans:		
Seedling.....	do.....	2.63 pounds unshelled.
Improved.....	do.....	2.38 pounds unshelled.
Pignolias.....	do.....	1.3 pounds unshelled.
Pistachios.....	do.....	2 pounds unshelled.
Walnuts:		
Black.....	do.....	8½ pounds unshelled.
Persian (English).....	do.....	2.38 pounds unshelled.
Oatmeal.....	100 pounds.....	7.6 bushels oats, beginning 1943.
Peaches, California, freestone.....	1 pound dried.....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28, and 6½ pounds fresh from 1929 to date.
Peaches, California, clingstone.....	do.....	7½ pounds fresh.
Peanuts.....	1 pound shelled.....	1½ pounds unshelled.
Pears.....	1 pound dried.....	5½ pounds fresh.
Peas, green.....	1 pound shelled.....	2.5 pounds unshelled.
Prunes.....	1 pound dried.....	2½ pounds fresh in California; 3 to 4 pounds fresh elsewhere.
Raisins.....	1 pound.....	4 pounds fresh grapes.
Rice.....	100 pounds.....	3.42 bushels rough or unhulled rice.
Rye flour.....	do.....	2.35 bushels rye, beginning 1939.
Sugar.....	1 ton raw.....	Hawaii, 0.9617 ton refined; Puerto Rico and Philippines, 0.946 ton refined; Cuba, 0.9418 ton refined, beginning with the 1931-32 season; Louisiana (96½ raw), 0.9346 ton refined, beginning 1919; Florida (96½ raw), 0.9346 ton refined, beginning 1928.
Tobacco.....	1 pound farm-sales weight.....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See Circular 435, U. S. Dept. of Agr.).
Wheat flour.....	100 pounds.....	2.33 bushels wheat <sup>32</sup> .
Wool, domestic shorn.....	1 pound scoured.....	2.5 pounds grease.
Wool, imported shorn apparel.....	do.....	1.67 pounds grease.
Wool, domestic pulled.....	do.....	1.5 pounds grease.
Wool, imported pulled apparel.....	do.....	1.3 pounds grease.

<sup>31</sup> The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

<sup>32</sup> This is equivalent to 4.56 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions beginning July 1, 1944. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushels; 1880-1908, 4.75 bushels; 1909-1917, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels. From March 1 to Nov. 1, 1946, the milling rate averaged about 2.20 bushels wheat per 100 pounds flour.

# CHAPTER I

## STATISTICS OF GRAINS

This chapter on grains is concerned with estimates of acreage, production, farm disposition, stocks, prices received by farmers, and farm value. Estimates in greater detail are published regularly by the Crop Reporting Board.

Tables on sorgo sirup, which might be expected in the sorghum group, are included with "sugar crops." Popcorn and broomcorn tables are included with "minor field crops." Corn sugar and corn sirup, however, are included in the corn tables in this chapter.

New tables this year include one on United States foreign trade of wheat, an international trade table on rice, and a master table on corn hybrids.

TABLE 1.—Wheat: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage seeded <sup>1</sup>	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel, year beginning July, at—		Foreign trade, including flour, year beginning July <sup>4</sup>		
							Kansas City <sup>2</sup>	Minneapolis <sup>3</sup>	Domestic exports <sup>5</sup>	Imports <sup>6</sup>	Net exports <sup>7</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929	67,177	62,000	12.9	800,649	103.6	853,778	120	130	153,245	12,956	140,361
1929	67,559	62,637	14.2	886,522	67.1	595,247	76	82	131,475	19,059	112,435
1931	66,463	57,704	16.3	941,540	39.1	368,270	47	71	135,797	12,886	123,774
1932	66,281	57,851	13.1	756,307	38.2	289,230	51	61	41,211	9,382	32,284
1933	69,009	49,424	11.2	552,215	74.4	410,770	88	91	37,002	11,494	25,508
1934	64,064	43,347	12.1	526,052	84.8	446,085	98	116	21,532	25,134	* 3,602
1935	69,611	51,305	12.2	628,227	83.1	521,915	105	126	15,929	46,638	* 30,709
1936	73,970	49,125	12.8	629,880	102.5	645,465	121	147	21,584	47,924	* 26,340
1937	80,814	64,169	13.6	873,914	96.2	840,706	111	128	107,194	3,561	103,633
1938	78,981	69,197	13.3	919,913	* 56.2	516,636	70	79	115,784	9,623	106,161
1939	62,802	52,669	14.1	741,210	* 69.1	512,427	74	97	54,274	10,430	43,844
1940	61,820	53,273	15.3	814,646	* 68.2	555,547	82	90	40,557	11,024	29,533
1941	62,707	55,935	16.8	941,970	* 94.4	889,561	112	110	35,833	15,576	20,257
1942	53,000	49,773	19.5	969,381	* 110.0	1,064,789	126	129	33,401	8,633	24,768
1943	55,984	51,355	16.4	843,813	* 136.0	1,148,845	145	155	51,110	147,311	* 96,201
1944	66,190	59,749	17.7	1,032,660	* 141.0	1,497,693	156	159	56,604	51,561	5,043
1945	69,130	65,120	17.0	1,108,224	150.0	1,661,649	160	171	318,827	13,550	305,277
1946	71,536	67,075	17.2	1,153,046	191.0	2,203,246	209	234	367,207	2,025	365,172
1947 <sup>10</sup>	77,947	74,186	18.4	1,364,919	241.0	3,288,905	211	252			

<sup>1</sup> Includes acreage seeded in preceding fall for harvest in the year shown.

<sup>2</sup> No. 2 Hard Winter, computed by weighting selling prices by number of carlots sold, as reported in the Kansas City Grain Market Review.

<sup>3</sup> No. 1 Dark Northern Spring, computed by weighting selling prices by number of carlots sold, as reported in the Minneapolis Daily Market Record.

<sup>4</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. From July 1, 1944 to Feb. 28, 1946, and also from Nov. 1, 1946, wheat flour has been converted at the ratio of 100 pounds of flour to 2.33 bushels of wheat. The following conversion factors per 100 pounds of flour were used in the months of 1946 indicated: March, 2,282,021; April, 2,175,237; May, 2,182,072; June, 2,171,836; July, 2,179,789; August, 2,219,854; September, 2,201,673; and October, 2,226,700. Wheat flour converted to terms of grain on the following basis: 1929 to 1944, 4.7 bushels of grain per barrel of flour.

<sup>5</sup> Includes flour milled from imported wheat.

<sup>6</sup> Includes wheat imported for milling in bond and export.

<sup>7</sup> Total exports (domestic plus foreign) minus total imports; beginning 1933, net figures are domestic exports minus imports for consumption.

<sup>8</sup> Net imports, i.e., imports for consumption minus domestic exports.

<sup>9</sup> Includes an allowance for unredeemed loans at average loan value.

<sup>10</sup> Preliminary.

<sup>11</sup> No. 2 Hard and Dark Hard Winter.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 1.

TABLE 2.—Wheat, winter, all spring, durum, and other spring: Acreage seeded and harvested, and production, United States, 1938-47

Year	Winter					All spring				
	Acreage seeded in preceding fall	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production	Acreage seeded	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>
1938.....	56,464	49,567	12.1	13.8	685,178	22,517	19,630	10.4	12.0	234,735
1939.....	46,154	37,681	12.3	15.0	565,672	16,648	14,988	10.5	11.7	175,538
1940.....	43,536	36,095	13.6	16.4	592,809	18,284	17,178	12.1	12.9	221,837
1941.....	46,045	39,778	14.6	16.9	673,727	16,662	16,157	16.1	16.6	268,243
1942.....	38,855	36,020	18.1	19.5	702,159	14,145	13,753	18.9	19.4	267,222
1943.....	38,515	34,563	14.0	15.6	597,476	17,469	16,792	17.5	18.2	306,337
1944.....	46,821	41,125	16.1	18.3	751,901	19,369	18,624	15.9	16.5	308,210
1945.....	50,415	46,959	16.2	17.4	817,834	18,715	18,181	15.5	16.0	290,390
1946.....	52,195	48,350	16.7	18.0	870,725	19,341	18,725	14.6	15.1	282,321
1947 <sup>1</sup> .....	58,068	54,780	18.4	19.5	1,067,970	19,879	19,406	14.9	15.3	296,949
	Durum (3 States) <sup>2</sup>					Other spring				
	Acreage seeded									
1938.....	3,793	3,484	10.5	11.4	39,715	18,724	16,146	10.4	12.1	195,020
1939.....	3,128	2,965	10.4	11.0	32,486	13,520	12,023	10.6	11.9	143,052
1940.....	3,371	3,029	9.6	10.7	32,294	14,913	14,149	12.7	13.4	189,543
1941.....	2,598	2,524	15.6	16.1	40,658	14,064	13,633	16.2	16.7	227,585
1942.....	2,155	2,109	19.1	19.6	41,236	11,990	11,644	18.8	19.4	225,986
1943.....	2,136	2,078	15.7	16.1	33,505	15,333	14,714	17.8	18.5	272,832
1944.....	2,099	2,057	14.1	14.4	29,666	17,270	16,567	16.1	16.8	278,544
1945.....	2,026	2,004	16.2	16.4	32,840	16,689	16,127	15.4	16.0	257,550
1946.....	2,493	2,453	14.4	14.6	35,836	16,848	16,272	14.6	15.1	246,485
1947 <sup>1</sup> .....	2,952	2,925	14.9	15.0	43,983	16,927	16,481	14.9	15.3	252,969

<sup>1</sup> Preliminary.<sup>2</sup> Includes "Red Durum."

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 2, and data for 929-37 in Agricultural Statistics, 1943, table 2.



TABLE 3.—Wheat: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45 <sup>3</sup>	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Maine.....	2	1		2	1		48	21		147	253	
New York.....	312	222	398	302	215	387	7,270	5,648	9,272	114	208	253
New Jersey.....	72	90	97	57	62	75	1,245	1,550	1,875	112	218	245
Pennsylvania.....	942	911	947	919	885	929	18,537	19,912	22,296	113	208	240
North Atlantic.	1,328	1,224	1,442	1,280	1,163	1,391	27,100	27,131	33,443	113	209	244
Ohio.....	2,061	1,849	2,212	1,994	1,831	2,179	42,154	48,522	49,028	111	203	240
Indiana.....	1,568	1,383	1,589	1,499	1,366	1,557	27,229	29,369	35,811	108	198	235
Illinois.....	1,806	1,289	1,403	1,687	1,207	1,326	31,458	19,361	28,524	108	198	235
Michigan.....	844	877	1,210	829	864	1,192	18,242	22,896	29,800	111	205	250
Wisconsin.....	91	95	118	88	93	114	1,538	2,263	2,793	105	202	255
Minnesota.....	1,612	1,412	1,200	1,556	1,391	1,169	24,536	27,080	20,633	108	202	263
Iowa.....	370	192	174	326	185	159	6,060	4,335	3,252	104	193	235
Missouri.....	1,926	1,314	1,472	1,704	1,213	1,321	25,020	18,195	24,438	105	196	235
North Dakota.....	9,072	10,444	10,384	7,728	10,192	10,240	106,205	139,824	146,038	103	201	266
South Dakota.....	3,325	3,755	3,858	2,618	3,588	3,703	28,815	53,197	53,623	103	197	258
Nebraska.....	3,868	4,037	4,489	3,193	3,954	4,317	50,328	90,677	90,300	102	189	240
Kansas.....	13,642	14,006	15,404	11,356	13,147	14,855	158,517	212,977	286,702	102	191	235
North Central.	40,186	40,653	43,513	34,579	39,031	42,132	520,103	668,696	770,947	104	196	245
Delaware.....	72	70	72	69	64	67	1,298	1,216	1,407	113	211	245
Maryland.....	394	391	399	377	366	370	7,389	7,320	7,770	113	207	240
Virginia.....	565	480	528	532	451	487	7,976	8,344	8,522	118	214	250
West Virginia.....	136	90	100	114	77	86	1,766	1,463	1,763	116	214	245
North Carolina.....	512	394	524	476	371	497	6,456	6,307	8,449	122	224	245
South Carolina.....	222	168	272	216	164	264	2,612	2,706	4,356	118	223	240
Georgia.....	202	175	257	186	161	240	2,049	2,093	3,360	116	219	230
South Atlantic.	2,103	1,768	2,152	1,970	1,654	2,011	29,546	29,449	35,627	117	216	243
Kentucky.....	486	392	404	406	297	324	6,246	4,158	5,184	113	202	235
Tennessee.....	422	291	364	393	277	346	4,981	3,878	5,190	118	210	240
Alabama.....	13	15	12	11	12	10	151	174	155	118	208	240
Mississippi.....	4	13	16	25	9	20	4,226	198	460	118	183	235
Arkansas.....	64	44	38	46	28	24	485	420	372	103	190	235
Oklahoma.....	5,162	6,715	7,118	4,501	6,087	6,757	57,681	88,262	104,734	100	180	230
Texas.....	4,730	6,835	7,587	3,598	5,992	7,310	41,287	62,916	124,270	102	181	225
South Central.	10,887	14,308	15,548	8,961	12,702	14,791	110,989	160,006	240,365	102	182	228
Montana.....	4,228	4,426	5,053	3,482	4,133	4,306	54,564	62,888	64,325	98	185	258
Idaho.....	1,101	1,309	1,359	1,024	1,266	1,315	27,297	34,846	37,935	90	173	235
Wyoming.....	278	273	317	215	255	296	3,290	6,232	6,130	96	173	234
Colorado.....	1,548	2,102	2,676	1,207	1,875	2,623	20,670	37,080	59,052	96	185	225
New Mexico.....	412	542	724	266	350	649	3,047	2,895	9,420	100	184	225
Arizona.....	35	29	30	33	27	28	738	567	588	112	213	245
Utah.....	270	325	331	258	310	326	5,812	6,981	8,082	95	184	225
Nevada.....	17	21	22	17	20	21	442	545	612	103	196	225
Washington.....	2,390	2,769	2,922	2,162	2,642	2,719	53,182	77,965	64,750	93	175	245
Oregon.....	970	1,050	1,033	874	984	949	20,585	25,168	21,615	97	177	245
California.....	787	737	825	708	663	729	12,942	12,597	12,028	108	203	250
Western.....	12,036	13,583	15,292	10,246	12,525	13,861	202,569	267,764	284,537	95.0	180	241
United States..	66,540	71,536	77,947	57,036	67,075	74,186	890,306	1,153,046	1,364,919	102	191	241

<sup>1</sup> Includes acreage seeded in preceding fall for harvest in the year shown.<sup>2</sup> Preliminary.<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.<sup>4</sup> Short-time average.

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TABLE 4.—Wheat, winter, durum, and other spring: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and division	Acreage seeded			Acreage harvested			Production			Price for crop of—		
	Crops of 1936-45	Crop of 1946	Crop of 1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45 (2)	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
New York.....	308	213	394	298	206	353	7,195	5,459	9,192	114	208	253
New Jersey.....	72	90	97	57	62	75	1,245	1,550	1,875	112	218	245
Pennsylvania.....	935	911	947	912	885	929	18,406	19,912	22,296	113	208	240
North Atlantic...	1,315	1,214	1,438	1,266	1,153	1,387	26,846	26,921	33,363	113	209	244
Ohio.....	2,058	1,849	2,212	1,991	1,831	2,179	42,117	48,522	49,028	111	203	240
Indiana.....	1,561	1,833	1,589	1,493	1,366	1,557	27,122	29,369	35,811	108	198	235
Illinois.....	1,788	1,282	1,397	1,669	1,200	1,320	31,138	19,200	28,380	108	198	235
Michigan.....	833	877	1,210	819	864	1,192	18,063	22,896	29,800	111	205	250
Wisconsin.....	43	82	41	41	31	38	747	651	817	104	202	255
Minnesota.....	193	101	111	171	88	101	3,140	1,672	1,970	106	200	255
Iowa.....	352	186	169	307	179	154	5,781	4,206	3,157	104	193	235
Missouri.....	1,926	1,314	1,472	1,704	1,213	1,321	25,015	18,195	24,438	105	196	235
South Dakota.....	222	384	415	149	308	354	1,910	5,544	6,549	100	191	245
Nebraska.....	3,641	3,981	4,419	3,028	3,901	4,252	49,024	89,723	89,292	102	189	240
Kansas.....	13,629	14,004	15,404	11,347	13,146	14,855	158,441	212,965	286,702	102	191	235
North Central...	26,246	25,393	28,439	22,720	24,127	27,323	362,495	452,943	555,944	104	194	237
Delaware.....	72	70	72	69	64	67	1,298	1,216	1,407	113	211	245
Maryland.....	394	391	399	377	366	370	7,389	7,320	7,770	113	207	240
Virginia.....	565	480	528	532	451	487	7,976	8,344	8,522	118	214	250
West Virginia.....	136	90	100	114	77	86	1,766	1,463	1,763	116	214	245
North Carolina.....	512	394	524	476	371	497	6,456	6,307	8,449	122	224	245
South Carolina.....	222	168	272	216	164	264	2,612	2,706	4,356	118	228	240
Georgia.....	202	175	257	186	161	240	2,049	2,093	3,360	116	219	230
South Atlantic...	2,103	1,768	2,152	1,970	1,654	2,011	29,546	29,449	35,627	117	216	243
Kentucky.....	486	392	404	406	297	324	6,246	4,158	5,184	113	202	235
Tennessee.....	422	291	364	393	277	346	4,981	3,878	5,190	118	210	240
Alabama.....	13	15	12	11	12	10	151	174	155	118	208	240
Mississippi.....	3	16	25	9	9	20	226	198	460	118	183	235
Arkansas.....	64	44	38	46	28	24	455	420	372	103	190	235
Oklahoma.....	5,162	6,715	7,118	4,501	6,087	6,757	57,681	88,262	104,734	100	180	230
Texas.....	4,730	6,835	7,587	3,598	5,992	7,310	41,287	62,916	124,270	102	181	225
South Central...	10,887	14,308	15,548	8,961	12,702	14,791	110,989	160,006	240,365	102	182	228
Montana.....	1,290	1,839	1,949	1,048	1,727	1,347	20,635	32,813	22,899	95	183	255
Idaho.....	705	826	876	643	800	840	16,143	20,400	22,260	90	173	235
Wyoming.....	152	198	234	116	185	218	1,926	4,902	4,687	96	173	235
Colorado.....	1,263	1,961	2,549	978	1,755	2,404	17,333	35,100	56,494	97	185	225
New Mexico.....	390	520	702	246	331	629	2,761	2,648	9,120	100	184	225
Arizona.....	35	29	30	33	27	28	738	567	588	112	213	245
Utah.....	199	250	260	189	239	256	3,708	4,780	5,632	94	184	225
Nevada.....	4	5	6	4	5	6	126	140	162	103	196	225
Washington.....	1,383	2,322	2,252	1,178	2,206	2,074	32,626	67,283	51,850	93	175	245
Oregon.....	705	825	808	624	776	737	15,079	20,176	16,951	97	177	245
California.....	787	737	825	708	663	729	12,942	12,597	12,028	108	203	250
Western.....	6,913	9,512	10,491	5,767	8,714	9,268	124,016	201,406	202,671	95.4	180	238
United States...	47,464	52,195	58,068	40,684	48,350	54,780	653,893	870,725	1,067,970	103	190	236

See footnotes at end of table.

TABLE 4.—Wheat, winter, durum, and other spring: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued

State and division	Acreage seeded			Acreage harvested			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45 ( <sup>2</sup> )	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Minnesota.....	72	35	55	70	35	54	1,042	682	918	103	203	250
North Dakota.....	2,236	2,268	2,699	1,988	2,232	2,678	26,483	32,364	40,170	101	202	257
South Dakota.....	500	190	198	400	186	193	4,322	2,790	2,895	97	194	250
3 States.....	2,808	2,493	2,952	2,458	2,453	2,925	31,847	35,836	43,983	101	201	256

## OTHER SPRING

Maine.....	2	1	-----	2	1	-----	48	21	-----	147	253	-----
New York.....	4	9	4	4	9	4	75	189	80	114	208	253
North Atlantic....	14	10	4	14	10	4	253	210	80	120	212	253
Illinois.....	18	7	6	18	7	6	320	161	144	107	198	240
Wisconsin.....	48	63	77	47	62	76	792	1,612	1,976	105	202	255
Minnesota.....	1,348	1,276	1,034	1,315	1,268	1,014	20,354	24,726	17,745	108	202	265
Iowa.....	19	6	5	19	6	5	279	129	95	104	191	235
North Dakota.....	6,836	8,176	7,685	5,740	7,960	7,562	79,722	107,460	105,868	104	200	270
South Dakota.....	2,603	3,181	3,245	2,070	3,094	3,156	22,584	44,863	44,184	105	198	260
Nebraska.....	227	56	70	165	53	65	1,304	954	1,008	99	188	235
Kansas.....	13	2	-----	9	1	-----	76	12	-----	100	189	-----
North Central....	11,132	12,767	12,122	9,402	12,451	11,884	125,760	179,917	171,020	105	200	266
Montana.....	2,938	2,587	3,104	2,434	2,406	2,959	33,929	30,075	41,426	100	187	260
Idaho.....	396	483	483	382	466	475	11,154	14,446	15,675	90	173	235
Wyoming.....	126	75	83	98	70	78	1,364	1,330	1,443	96	170	230
Colorado.....	285	141	127	229	120	119	3,337	1,980	2,558	96	183	225
New Mexico.....	22	22	22	20	19	20	286	247	300	97	181	220
Utah.....	71	75	71	69	71	70	2,104	2,201	2,450	96	185	225
Nevada.....	13	16	16	12	15	15	316	405	450	103	196	225
Washington.....	1,007	447	670	984	436	645	20,557	10,682	12,900	93	175	245
Oregon.....	265	225	225	251	208	212	5,506	4,992	4,664	97	177	245
Western.....	5,123	4,071	4,801	4,480	3,811	4,593	78,552	66,358	81,865	94.6	181	249
United States....	16,269	16,848	16,927	13,895	16,272	16,481	204,566	246,485	252,966	100	195	261

<sup>1</sup> Preliminary.<sup>2</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.<sup>3</sup> Short-time average.<sup>4</sup> Includes "Red Durum." Small additional quantities are grown in other than the 3 States shown here, but included with "other spring" wheat.

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TABLE 5.—Wheat: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1945-47 1

Continent and country	Acreage 2				Yield per acre 3				Production			
	Average 1935-39	1945	1946	1947 4	Average 1935-39	1945	1946	1947 4	Average 1935-39	1945	1946	1947 4
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:												
Canada.....	25,563	23,414	24,076	24,260	12.2	13.6	17.2	14.0	312,399	318,512	413,725	340,758
Mexico.....	1,244	1,158	1,236	1,236	11.5	11.0	11.4	12.6	14,284	12,741	13,558	15,616
United States.....	57,293	65,120	67,075	74,186	13.2	17.0	17.2	18.4	758,629	1,108,224	1,153,046	1,364,919
Estimated total 5.....	84,170	89,740	92,400	99,740					1,086,000	1,440,000	1,581,000	1,722,000
Europe:												
Albania.....	99	109	135	130	15.2	13.9	16.3	15.4	1,507	1,516	2,200	2,000
Austria.....	633	470	545	495	25.4	19.1	18.9	19.6	16,057	9,000	10,300	9,700
Belgium.....	402	455	376	220	40.2	30.8	43.1	29.5	14,000	16,180	10,200	6,500
Bulgaria.....	3,078	3,166	3,768	3,680	6	13.2	18.0		64,076	41,818	67,900	
Czechoslovakia.....	2,175	2,250	2,140	2,140	26.2	23.6	23.6		57,000		53,000	
Denmark.....	319	216	221	221	45.4	47.6	49.4	37.4	14,470	10,284	10,916	2,305
Eire.....	225	662	643	580	34.2	32.3	26.9	30.2	7,689	21,394	17,274	17,500
Finland.....	230	343	388	395	26.5	20.8	20.8	19.5	6,100	7,128	8,083	7,700
France.....	12,560	9,400	10,600	9,250	34.6	19.6	23.6	16.2	286,510	184,000	280,000	196,000
Germany.....	4,250								147,000			
Greece.....	2,150	1,640	1,912	2,000	14.0	10.2	14.9	10.3	30,205	16,800	28,500	20,600
Hungary.....	3,001	1,816	2,698	3,100	22.3	13.3	15.3	12.9	41,210	24,177	40,400	40,000
Italy.....	12,581	11,550	11,700	11,500	22.2	14.5	20.3	17.8	279,000	168,000	238,000	205,000
Luxembourg.....	47	32	41	20	25.0	20.7	23.4	22.5	1,215	661	959	450
Netherlands.....	338	295	302	212	43.8	27.1	43.6	33.6	14,791	8,004	13,181	7,131
Norway.....	80	119	95	80	20.9	26.5	29.1	27.8	2,391	3,152	2,761	2,390
Poland.....	3,280	1,528	1,500	1,545	22.7	7.0	12.4	8.3	74,000	11,561	18,555	12,860
Portugal.....	1,227				13.1				16,092			
Romania.....	6,900				16.2				112,000			
Spain.....	11,253	8,862	9,400	9,025	14.0	8.2	14.1	11.4	715,786	73,000	133,000	110,000
Sweden.....	731	748	723	740	33.6	29.6	33.4	19.8	26,351	21,615	25,017	14,333
Switzerland.....	183	242	240	235	33.1	33.9	35.3	29.8	6,050	8,480	8,480	7,000
United Kingdom.....	1,843	2,274	2,062	2,163	33.8	35.7	33.6	28.8	62,361	81,237	73,442	62,250
Yugoslavia.....	5,400				18.1				97,700			
Estimated total 5.....	74,080	59,640	66,820	64,340					1,588,000	985,000	1,310,000	1,015,000
U. S. S. R. (Europe and Asia).....	104,000		73,000	75,000	11.9		10.7	11.7	1,240,000		780,000	875,000
Asia:												
Iran.....	8,4191				8	17.2			8	72,128	77,161	70,535
Iraq.....	8,1724				8	10.7			18,114	16,534	14,697	70,737
Lebanon.....	148	2,100	2,000		(9)		7.3		(9)	1,984	2,572	1,470
Pakistan.....	533	339	340		6.1	13.4	16.0	8.4	3,244	2,144	2,873	
Syria.....	1,363	1,854	1,927	2,083	9	14.3	11.1	7.2	9	19,485	21,311	15,000
Turkey.....	8,952	9,243	9,246	9,465	15.2	8.7	18.9	13.7	135,690	80,443	175,000	130,000

China.....	53,000	56,800	56,900	16.1	15.6	16.2	750,000	854,000	887,800	919,600
Manchuria.....	2,896	1,295	1,295	12.4	9.6	8.5	36,035	14,451	337,419	290,752
India.....	34,492	34,977	34,121	10.7	15.1	19.1	370,060	393,904	22,697	28,550
Japan.....	1,738	1,495	1,492	28.8	12.3	-----	50,133	34,756	-----	-----
Korea.....	832	-----	-----	-----	-----	-----	10,240	-----	-----	-----
Estimated total <sup>5</sup> .....	107,150	113,860	114,340	-----	-----	-----	1,483,000	1,515,000	1,575,000	1,510,000
South America:										
Argentina.....	15,834	9,991	12,300	14.4	14.9	18.7	221,769	143,556	206,314	230,000
Brazil.....	442	744	10.5	12.2	-----	-----	4,652	9,114	-----	-----
Chile.....	1,963	1,803	2,023	19.0	17.7	19.8	31,562	34,176	33,163	40,084
Peru.....	285	244	247	13.3	14.9	14.1	3,274	3,233	3,471	3,491
Uruguay.....	1,210	875	659	9.1	10.1	-----	13,255	7,958	6,681	14,697
Estimated total <sup>5</sup> .....	20,500	14,220	17,220	-----	-----	-----	280,000	203,000	264,000	305,000
Africa:										
Algeria.....	4,184	3,450	3,700	8.4	11.2	7.6	35,201	12,000	36,000	28,000
EGYPT.....	1,464	1,710	1,692	25.4	26.0	23.9	45,848	43,436	42,725	40,500
French Morocco.....	3,234	2,400	3,000	7.1	11.6	8.0	23,197	6,500	25,500	24,000
Tunisia.....	1,915	2,000	1,670	3.5	7.5	-----	14,965	7,000	12,500	11,000
Union of South Africa <sup>10</sup> .....	1,926	2,244	2,300	4.2	6.4	-----	16,259	9,493	14,760	18,763
Estimated total <sup>5</sup> .....	13,820	13,180	13,850	-----	-----	-----	143,000	88,000	140,000	130,000
Oceania:										
Australia.....	13,128	11,425	14,000	12.5	8.9	16.3	169,744	142,410	117,262	228,000
New Zealand.....	221	161	122	33.8	38.1	36.9	7,129	5,439	5,368	4,500
Total.....	13,349	11,586	14,122	-----	-----	-----	176,873	147,849	122,630	232,500
Estimated world total <sup>5</sup> .....	417,000	370,980	398,910	-----	-----	-----	5,997,000	5,120,000	5,775,000	5,790,000

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with estimates for the Southern Hemisphere harvests which began late in 1947 and ended early in 1948.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Yield per acre calculated from acreage and production data shown, except for incomplete periods.

<sup>4</sup> Revised estimates for Northern Hemisphere countries; for Southern Hemisphere preliminary forecasts.

<sup>5</sup> Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>6</sup> Estimate not adjusted to take account of inclusion of Southern Dobrudja and is therefore, not strictly comparable with estimates shown for later years.

<sup>7</sup> Figure for 1935 only.

<sup>8</sup> Average of less than 5 years.

<sup>9</sup> Estimates for Syria and Lebanon not shown separately during this period.

<sup>10</sup> European production only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

TABLE 6.—Wheat: Stocks on and off farms, United States, 1938-47

Year beginning October—	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1938.....	393,930	274,260	182,801	88,016	445,364	372,545	256,968	161,999
1939.....	327,616	229,374	149,433	79,572	459,728	376,639	284,136	200,151
1940.....	365,118	279,970	192,173	86,675	511,978	443,806	352,814	298,058
1941.....	483,922	371,775	268,531	162,722	678,348	628,144	541,337	468,053
1942.....	632,573	484,754	321,179	189,574	739,779	667,660	574,889	429,323
1943.....	523,394	382,351	219,137	103,622	591,098	435,248	325,138	212,933
1944.....	521,123	384,638	233,856	87,703	558,071	443,709	324,588	191,477
1945.....	517,823	361,031	198,481	41,606	502,165	320,961	135,654	58,482
1946.....	551,669	365,794	139,851	40,477	397,593	276,483	168,698	43,336
1947 <sup>3</sup> .....	610,300	427,918	256,533	94,312	511,906	368,998	223,115	100,578

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins and in transit.

<sup>2</sup> Includes old crop only.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1926-37, in Agricultural Statistics, 1943, table 8.

TABLE 7.—Wheat: Production and farm disposition, United States, 1938-47

Crop of—	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1938.....	919,913	74,224	65,651	123,103	13,639	717,520
1939.....	741,210	72,946	60,185	91,737	11,084	578,204
1940.....	814,646	74,351	62,047	98,972	10,348	643,279
1941.....	941,970	62,490	54,004	98,871	9,020	780,075
1942.....	969,381	65,487	55,040	91,315	7,259	815,767
1943.....	843,813	77,351	61,571	89,821	5,690	686,731
1944.....	1,060,111	80,373	64,731	103,420	5,383	886,577
1945.....	1,108,224	82,011	67,371	98,201	4,871	937,781
1946.....	1,153,046	86,498	68,491	85,701	3,850	995,004
1947 <sup>1</sup> .....	1,364,919	91,363	73,655	94,249	4,285	1,192,730

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 8.—Wheat: Production and farm disposition, by States, crop of 1946

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
Maine.....	21	2	2	9	13	10
New York.....	5,648	835	668	2,090	13	2,877
New Jersey.....	1,550	194	140	698	.....	712
Pennsylvania.....	19,912	1,894	1,724	7,168	291	10,729
Ohio.....	48,522	4,424	3,805	8,734	211	35,772
Indiana.....	29,369	2,701	2,296	4,699	61	22,313
Illinois.....	19,361	1,967	1,475	1,742	40	16,104
Michigan.....	22,896	2,299	1,839	5,037	99	15,921
Wisconsin.....	2,263	209	167	1,245	23	828
Minnesota.....	27,080	1,937	1,646	4,062	111	21,261
Iowa.....	4,335	297	223	867	1	3,244
Missouri.....	18,195	2,061	1,649	4,003	47	12,496
North Dakota.....	139,824	12,233	10,398	3,496	86	125,844
South Dakota.....	53,197	4,242	3,224	2,128	33	47,812
Nebraska.....	90,677	4,938	4,197	2,720	23	83,737
Kansas.....	212,977	12,323	9,858	5,324	26	197,769
Delaware.....	1,216	130	110	195	7	904
Maryland.....	7,320	758	606	1,098	17	5,599
Virginia.....	8,344	792	697	2,253	615	4,779
West Virginia.....	1,463	180	148	585	78	652
North Carolina.....	6,307	786	668	1,451	714	3,474
South Carolina.....	2,706	381	286	352	268	1,800
Georgia.....	2,093	334	284	356	223	1,230
Kentucky.....	4,158	566	424	665	207	2,862
Tennessee.....	3,878	473	397	814	416	2,251
Alabama.....	174	16	12	44	25	93
Mississippi.....	198	35	21	79	6	92
Arkansas.....	420	53	42	147	2	229
Oklahoma.....	88,262	7,118	4,983	4,413	41	78,825
Texas.....	62,916	5,311	3,718	1,887	15	57,296
Montana.....	62,888	4,858	3,886	2,516	23	56,463
Idaho.....	34,846	1,999	1,439	4,182	29	29,196
Wyoming.....	6,232	294	206	499	5	5,522
Colorado.....	37,080	2,459	1,967	1,854	16	33,243
New Mexico.....	2,895	513	359	174	3	2,359
Arizona.....	567	42	25	85	9	448
Utah.....	6,981	492	394	2,792	59	3,736
Nevada.....	545	35	24	382	1	138
Washington.....	77,965	3,799	2,469	2,339	1	73,156
Oregon.....	25,168	1,446	1,157	2,013	3	21,995
California.....	12,597	1,072	858	504	2	11,233
United States.....	1,153,046	86,498	68,491	85,701	3,850	995,004

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 9.—Wheat: Production and farm disposition, by States, crop of 1947<sup>1</sup>

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
New York.....	9,272	951	808	2,967	15	5,482
New Jersey.....	1,875	210	147	806	-----	922
Pennsylvania.....	22,296	1,988	1,789	7,135	300	13,072
Ohio.....	49,028	4,646	4,088	9,315	237	35,388
Indiana.....	35,811	3,053	2,595	5,372	68	27,776
Illinois.....	28,524	2,393	1,795	1,997	45	24,687
Michigan.....	29,800	2,668	2,268	6,556	116	20,860
Wisconsin.....	2,793	222	178	1,815	28	772
Minnesota.....	20,633	1,859	1,580	2,682	91	16,280
Iowa.....	3,252	545	354	390	-----	2,508
Missouri.....	24,438	2,680	1,876	5,376	51	17,135
North Dakota.....	146,038	11,745	9,983	2,921	88	133,046
South Dakota.....	53,628	4,422	3,316	2,145	20	48,147
Nebraska.....	90,300	4,949	4,207	4,064	29	82,000
Kansas.....	286,702	14,480	12,308	7,168	29	267,197
Delaware.....	1,407	131	111	155	7	1,134
Maryland.....	7,770	796	637	932	18	6,183
Virginia.....	8,522	808	687	1,875	630	5,330
West Virginia.....	1,763	182	146	758	78	781
North Carolina.....	8,449	708	637	1,690	840	5,282
South Carolina.....	4,356	400	340	523	460	3,033
Georgia.....	3,360	334	284	605	254	2,217
Kentucky.....	5,184	605	424	778	195	3,787
Tennessee.....	5,190	511	434	778	450	3,528
Alabama.....	155	17	13	23	24	95
Mississippi.....	460	32	22	230	9	199
Arkansas.....	372	60	42	112	2	216
Oklahoma.....	104,734	7,545	5,659	4,189	46	94,840
Texas.....	124,270	4,836	3,694	3,107	-----	117,499
Montana.....	64,325	4,896	3,917	2,573	23	57,812
Idaho.....	37,935	2,118	1,483	4,552	27	31,873
Wyoming.....	6,130	308	216	552	6	5,356
Colorado.....	59,052	2,605	1,954	2,362	20	54,716
New Mexico.....	9,420	444	333	754	6	8,327
Arizona.....	588	42	27	88	9	464
Utah.....	8,082	539	458	2,505	58	5,061
Nevada.....	612	35	24	367	1	220
Washington.....	64,750	3,898	2,729	1,942	1	60,078
Oregon.....	21,615	1,526	1,221	1,729	2	18,663
California.....	12,028	1,126	901	361	2	10,764
United States.....	1,364,919	91,363	73,655	94,249	4,285	1,192,730

<sup>1</sup> Preliminary.

† Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.



TABLE 10.—Wheat: Stocks on July 1, production, and exports, by classes, United States, 1938-47

Year beginning July—	Hard red spring			Durum <sup>2</sup>			Hard red winter		
	July 1 stocks	Production	Exports <sup>1</sup>	July 1 stocks	Production	Exports <sup>1</sup>	July 1 stocks	Production	Exports <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	30,300	154,669	4,000	5,300	41,201	2,000	61,800	396,046	68,000
1939.....	71,500	116,441	5,000	16,400	33,044	( <sup>3</sup> )	115,600	315,089	22,000
1940.....	82,100	157,438	4,000	17,800	32,942	( <sup>3</sup> )	134,900	323,956	6,000
1941.....	136,200	202,129	2,000	24,900	41,403	( <sup>3</sup> )	159,900	395,509	20,000
1942.....	205,900	206,081	2,000	34,200	41,836	1,000	290,800	486,031	21,000
1943.....	204,500	226,363	14,000	26,900	34,265	1,000	317,200	363,838	34,000
1944.....	149,500	235,959	24,000	14,300	30,328	2,000	113,100	468,557	112,000
1945.....	112,100	220,849	53,000	8,100	33,285	1,000	109,400	520,843	236,000
1946.....	38,800	214,835	39,000	5,000	36,337	1,000	37,400	579,896	277,000
1947 <sup>4</sup> .....	30,900	217,903	-----	8,900	44,616	-----	27,000	739,523	-----

  

Year beginning July—	Soft red winter			White		
	July 1 stocks	Production	Exports <sup>1</sup>	July 1 stocks	Production	Exports <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	36,000	226,053	5,000	19,700	101,944	30,000
1939.....	27,900	194,910	3,000	18,600	81,726	18,000
1940.....	24,100	207,405	3,000	20,800	92,905	24,000
1941.....	39,700	204,031	2,000	24,000	98,898	7,000
1942.....	54,300	148,723	1,000	45,600	86,710	9,000
1943.....	29,300	125,216	2,000	40,900	94,131	15,000
1944.....	18,400	203,635	10,000	21,200	121,632	5,000
1945.....	18,500	213,350	65,000	31,100	119,897	36,000
1946.....	11,400	195,711	27,000	7,500	126,267	54,000
1947 <sup>4</sup> .....	8,700	236,544	-----	8,300	126,333	-----

<sup>1</sup> Includes flour made from United States wheat and shipments to Territories.

<sup>2</sup> Includes "Red Durum."

<sup>3</sup> Less than 500,000 bushels.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1925-28 in Agricultural Statistics, 1942, table 11, and data for 1929-37 in Agricultural Statistics, 1943, table 9.

Estimated production and stocks, by classes, are based on stocks of all wheat in each State, which data are broken down on basis of quinquennial wheat-variety surveys. Stocks are as of July 1 of the year given and are totals of stocks on farms, in interior mills, elevators and warehouses, in commercial centers and in merchant mills. Beginning 1942 the stocks include Commodity Credit Corporation wheat in transit and stored off farms in steel and wooden bins. Commercial stocks are reported by classes and merchant mill stocks are broken down largely on the basis of the distribution by classes of commercial stocks. Only old crop wheat is shown in all stocks positions. Exports and shipments by classes estimated on the basis of "inspection for export" and from records of the War Food Administration and export indemnifying agencies.

TABLE 11.—Wheat: United States foreign trade, by type of product, 1938-47

## IMPORTS

Year beginning July—	For domestic use				Wheat for milling in bond and export <sup>2</sup>	Total imports
	Full-duty wheat	Wheat for feed <sup>1</sup>	Flour (grain equivalent)	Total wheat and flour <sup>2</sup>		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	39	207	389	635	8,989	9,624
1939.....	56	86	335	477	9,953	10,430
1940.....	165	3,237	291	3,693	7,331	11,024
1941.....	1,699	1,785	179	3,663	11,912	15,575
1942.....	<sup>3</sup> 806	150	100	1,056	7,577	8,633
1943.....	<sup>3</sup> 136,013	189	158	136,360	10,952	147,312
1944.....	<sup>3</sup> 26,235	15,919	193	42,347	9,213	51,560
1945.....	1,136	726	96	1,958	11,591	13,549
1946.....	21	29	7	57	1,968	2,025
1947.....	7	117	6	130	19	149

## EXPORTS

Year beginning July—	Wheat as grain <sup>4</sup>	Flour wholly from United States wheat (grain equivalent) <sup>4</sup>	Total United States wheat and flour	Other flour (grain equivalent) <sup>5</sup>	Total wheat and flour (grain equivalent) <sup>4</sup>
1938.....	84,589	22,056	106,645	9,138	115,783
1939.....	23,636	21,232	44,868	9,407	54,275
1940.....	10,810	22,812	33,622	6,935	40,557
1941.....	12,632	14,072	26,704	9,130	35,834
1942.....	6,555	19,946	26,501	6,900	33,401
1943.....	11,942	28,333	40,275	10,835	51,110
1944.....	19,010	28,197	47,207	9,398	56,605
1945.....	226,262	79,876	306,138	12,688	318,826
1946.....	144,029	157,710	301,739	6,549	308,288
1947.....	304,687	174,932	479,619	630	480,249

<sup>1</sup> Classified as "unfit for human consumption" or imported for special feeding programs.

<sup>2</sup> Includes grain equivalent of some flour imported in bond for reexport, which for 1938-39 to 1940-41 was as follows (1,000 bushels): 363; 214; and 170.

<sup>3</sup> Includes wheat and wheat products used for livestock and poultry feed, imported duty-free by the Commodity Credit Corporation.

<sup>4</sup> Period 1941-42 to 1946-47 does not include wheat and flour used by military services for civilian relief food abroad, estimated as follows (1,000 bushels): Wheat: 0; 0; 6,638; 57,056; 46,882; and 54,781. Flour, in terms of wheat: 1,010; 1,777; 15,900; 43,711; 36,917; and 37,591. Total, wheat and flour: 1,010; 1,777; 22,538; 100,767; 83,799; and 92,372. These items covered by reports of the Department of Commerce beginning January 1947, but for this tabulation the estimates are omitted from the 1946-47 marketing year. Military shipments for civilian relief are included in the figure for 1947-48 in the table above.

<sup>5</sup> Usually all from imported wheat, although in some years small quantities of United States wheat were added.

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TABLE 12.—Wheat: Supply and distribution in continental United States, 1938-47

Year beginning July—	Stocks July 1						New crop	Imports (flour included) <sup>1</sup>	Total supply
	On farms	Interior mills, elevators, and warehouses	Com-mercial	Merchant mills	C. C. C. wheat in transit and in steel and wood bins	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	58,857	31,269	22,190	40,791	-----	153,107	919,913	271	1,073,291
1939.....	88,016	36,842	64,103	61,054	-----	250,015	741,210	263	991,488
1940.....	79,572	35,312	84,187	80,650	-----	279,721	814,646	2,523	1,097,890
1941.....	86,675	73,789	142,671	81,598	-----	384,733	941,970	3,664	1,330,367
1942.....	162,722	142,366	224,441	96,837	4,409	630,775	969,381	1,057	1,601,213
1943.....	189,574	103,804	162,151	104,378	58,990	618,897	843,813	136,360	1,599,070
1944.....	103,622	30,332	82,912	67,308	32,381	316,555	1,060,111	42,347	1,419,013
1945.....	87,703	42,129	67,185	58,463	23,700	279,180	1,108,224	1,958	1,389,362
1946.....	41,606	8,376	29,917	12,838	7,351	100,088	1,153,046	57	1,253,191
1947 <sup>2</sup> .....	40,477	10,116	8,129	24,591	500	83,813	1,367,186	130	1,451,129

## DISTRIBUTION

Year beginning July—	Domestic disappearance					Exports and shipments <sup>1</sup>				Stocks June 30 <sup>3</sup>	Per capita consumption as food
	Food	Feed <sup>3</sup>	Seed	Industrial use	Total	Exports (wheat only)	Exports of flour (grain equivalent)	Shipments (flour included) <sup>4</sup>	Total		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Bushels
1938.....	481,418	157,996	74,225	103	713,742	84,589	22,057	2,888	109,534	250,015	3.67
1939.....	475,352	115,041	72,946	89	663,428	23,636	21,232	3,471	48,339	279,721	3.59
1940.....	478,506	123,093	74,351	101	676,051	10,810	22,812	3,484	37,106	384,733	3.58
1941.....	487,821	116,277	62,490	1,614	668,202	12,632	15,082	3,676	31,390	630,775	3.62
1942.....	<sup>5</sup> 537,046	290,930	65,487	54,342	947,805	6,555	21,723	6,233	34,511	618,897	<sup>6</sup> 3.93
1943.....	<sup>5</sup> 543,075	488,504	77,351	107,527	1,216,457	18,580	44,233	3,245	66,058	316,555	<sup>6</sup> 3.93
1944.....	<sup>5</sup> 537,026	287,291	80,373	82,295	986,985	76,066	71,908	4,874	152,848	279,180	<sup>6</sup> 3.84
1945.....	<sup>5</sup> 487,400	303,764	82,011	20,971	894,146	273,144	116,793	4,002	739,512	100,088	<sup>6</sup> 3.45
1946.....	<sup>5</sup> 491,600	190,569	86,498	0	768,637	198,810	195,301	3,938	740,011	83,813	<sup>6</sup> 3.42
1947.....	<sup>5</sup> 491,900	181,714	91,363	700	765,677	304,687	174,932	3,551	748,927	195,925	<sup>6</sup> 3.36

<sup>1</sup> Foreign trade figures from reports of the Department of Commerce, War Department, and Department of Agriculture. Exports 1940 to date include military exports to Europe for relief and exports handled by War Food Administration. Imports include full-duty wheat, wheat imported for feed, and dutiable flour in terms of wheat. They exclude wheat imported for milling in bond and export as flour; also flour free for export, which for 1938-39 to 1940-41 were as follows (1,000 bushels): 363; 214; and 170.

<sup>2</sup> Preliminary.

<sup>3</sup> Balancing item; roughly approximates total used as feed, including that used in commercial feeds as well as that fed on farms.

<sup>4</sup> Shipments to Alaska, Hawaii, Puerto Rico, and Virgin Islands.

<sup>5</sup> For individual items see "Supply" section of this table.

<sup>6</sup> Includes food used by United States military forces.

<sup>7</sup> In addition to exports and shipments of wheat and flour, includes exports of semolina, macaroni, and related products, which for the marketing years beginning July 1, 1945, were as follows (1,000 bu.): 1,189; 2,662; and 6,357.

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TABLE 13.—Wheat: Receipts graded by licensed inspectors, by classes and grades, United States, 1942-46 and total all classes 1937-46

Class and year beginning July—	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total	Percentage grading No. 2 or better
Hard red spring:	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Percent</i>
1942.....	123,161	44,492	34,283	8,194	2,370	5,305	217,805	77
1943.....	351,499	75,525	44,008	11,616	4,044	13,508	500,200	85
1944.....	202,028	77,161	54,686	21,595	10,488	30,148	396,106	70
1945.....	280,808	64,070	42,487	8,362	3,172	4,265	403,254	85
1946.....	153,691	43,917	16,911	4,676	1,604	2,132	222,931	89
Durum:								
1942.....	2,934	10,362	8,643	4,430	3,070	3,920	33,359	40
1943.....	9,206	14,646	5,185	2,070	1,523	1,420	34,050	70
- 1944.....	3,482	6,262	4,357	3,391	3,514	4,914	25,920	37
1945.....	10,283	8,931	2,784	937	500	508	23,963	80
1946.....	14,109	12,800	1,929	449	111	190	29,588	91
Red durum:								
1942.....	1,386	2,450	1,068	648	550	624	6,726	57
1943.....	576	726	510	254	107	193	2,366	55
1944.....	879	777	350	130	50	188	2,374	70
1945.....	1,177	957	555	224	158	335	3,406	62
1946.....	1,054	612	302	124	64	145	2,301	72
Hard red winter:								
1942.....	226,991	186,787	46,428	7,006	1,454	8,984	477,650	86
1943.....	276,898	140,348	25,821	4,101	988	7,172	455,328	92
1944.....	262,215	143,373	63,637	32,155	10,479	11,167	523,026	78
1945.....	382,111	217,471	69,754	15,570	4,717	22,930	712,553	84
1946.....	464,783	143,918	35,714	7,930	3,770	20,849	676,964	90
Soft red winter:								
1942.....	6,364	14,151	7,327	1,752	536	1,914	32,044	64
1943.....	3,396	7,204	6,464	3,898	1,815	1,724	24,501	63
1944.....	20,659	32,903	6,490	1,522	421	651	62,646	86
1945.....	6,428	48,854	27,183	2,351	285	3,514	88,615	62
1946.....	15,618	39,237	10,440	1,173	239	2,408	69,115	79
White:								
1942.....	31,840	20,077	3,210	638	176	651	56,592	92
1943.....	50,565	21,165	2,784	504	156	684	75,858	95
1944.....	44,752	21,454	1,841	737	368	484	69,636	95
1945.....	37,409	50,515	11,697	1,447	256	920	102,244	86
1946.....	65,329	23,392	3,316	577	154	740	93,508	95
Mixed:								
1942.....	3,154	6,557	4,819	1,766	652	1,401	18,349	53
1943.....	6,482	3,611	3,507	1,080	408	838	15,926	63
1944.....	8,031	8,966	3,604	1,242	701	907	23,451	72
1945.....	5,888	10,604	7,665	1,675	432	1,545	27,809	59
1946.....	10,253	11,998	3,139	972	348	1,324	28,034	79
Total:								
1937.....	225,074	188,692	118,709	76,487	54,571	34,923	698,456	59
1938.....	251,821	261,636	161,206	76,038	32,423	16,502	799,626	64
1939.....	214,590	222,058	131,722	27,470	6,585	10,995	613,420	71
1940.....	297,491	201,855	94,944	31,307	12,300	14,380	652,277	76
1941.....	236,623	223,161	122,776	44,666	14,774	23,751	665,751	69
1942.....	395,830	284,876	105,778	24,434	8,808	22,799	842,525	81
1943.....	698,622	263,225	88,279	23,523	9,041	25,539	1,108,229	87
1944.....	542,046	290,896	134,965	60,772	26,021	48,459	1,103,159	76
1945.....	724,194	401,402	162,125	30,586	9,520	34,017	1,361,844	82
1946.....	724,837	275,874	71,751	15,901	6,290	27,788	1,122,441	89

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,500 bushels per car for the years 1937-43 and 1,650 bushels for 1944-46.

TABLE 14.—Wheat: Estimated cost of production, by selected groups of States, 1938-46<sup>1</sup>

State groups	Average 1938-46		Net cost per acre, including rent									
	Acres harvested	Yield per acre <sup>2</sup>	1938	1939	1940	1941	1942	1943	1944	1945	1946	
Eastern:	1,000 acres											
North <sup>3</sup> .....	2,649	19.0	20.40	19.62	20.53	21.44	24.02	26.63	29.86	31.96	34.91	
South <sup>4</sup> .....	1,302	13.3	14.91	14.27	14.97	15.99	18.03	19.94	22.77	24.76	27.48	
Ohio, Indiana and Michigan.....	4,154	21.4	19.45	18.94	19.52	20.85	23.66	26.24	29.76	30.87	33.37	
Wisconsin, Illinois, Iowa, and Missouri.....	3,259	17.2	15.69	15.12	15.78	17.29	19.55	21.30	24.20	26.14	28.44	
Nebraska, Kansas, Colorado, Texas, and Oklahoma.....	24,407	14.6	10.84	10.84	11.43	11.07	12.53	13.91	16.06	16.46	17.63	
Minnesota, North Dakota, South Dakota, Montana, and Wyoming.....	16,803	15.3	10.89	9.97	10.50	11.03	13.66	15.69	17.18	17.66	18.65	
Western <sup>5</sup> .....	5,274	26.8	16.92	16.03	16.40	18.04	19.95	23.27	26.10	28.55	30.53	
United States.....	57,848	16.7	12.90	12.53	13.12	13.41	15.32	17.13	19.57	20.12	21.29	
			Net cost per bushel, including rent									
Eastern:												
North <sup>3</sup> .....			1.10	1.08	1.03	1.13	1.28	1.69	1.39	1.65	1.70	
South <sup>4</sup> .....			1.37	1.25	1.15	1.14	1.35	1.66	1.56	1.82	1.78	
Ohio, Indiana and Michigan.....			1.05	.99	.93	.87	1.27	1.60	1.33	1.21	1.35	
Wisconsin, Illinois, Iowa, and Missouri.....			.99	.82	.76	1.02	1.36	1.39	1.33	1.57	1.73	
Nebraska, Kansas, Colorado, Texas, and Oklahoma.....			1.00	.92	.86	.81	.65	.97	.95	1.10	1.12	
Minnesota, North Dakota, South Dakota, Montana, and Wyoming.....			.95	.84	.83	.66	.67	.89	1.05	1.12	1.26	
Western <sup>5</sup> .....			.76	.74	.81	.68	.75	.94	1.02	1.19	1.18	
United States.....			.97	.89	.86	.79	.77	1.04	1.08	1.18	1.24	

<sup>1</sup> Costs for each year indicated are based on average wheat yields for that year, and on prevailing cost rates for labor, farm power, materials, equipment, and land rent during the year.

<sup>2</sup> Yield per acre is a weighted average.

<sup>3</sup> Includes the 6 New England States, New York, Pennsylvania, New Jersey, Delaware, Maryland, Virginia, West Virginia, and Kentucky.

<sup>4</sup> Includes North Carolina, South Carolina, Georgia, Alabama, Tennessee, and Arkansas.

<sup>5</sup> Includes Idaho, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

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TABLE 15.—Wheat and wheat flour: Average price, selected markets and grades, 1938-47

Year beginning July—	Wheat, per bushel											Flour, per 100 pounds	
	Portland, No. 1 Soft White <sup>1</sup>	Minneapolis, No. 1 Dark Northern Spring	Minneapolis, No. 2 Hard Amber Durum	St. Louis, No. 2 Red Winter	Kansas City, No. 2 Hard Winter	Chicago, No. 2 Hard Winter	New York, No. 2 Hard Winter	6 markets, all classes and grades <sup>2</sup>	Winnipeg, Canadian No. 2 Northern Manitoba	Buenos Aires, Argentine No. 2 semihard	Sydney, Australian milling	Kansas City, Hard Winter wheat, short patents	Minneapolis, Spring wheat, standard patents
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Dollars	Dollars
1938.....	66	79	72	70	70	70	87	69.9	62	61	49	2.30	2.56
1939.....	80	97	92	75	74	78	112	86.0	67	60	53	2.76	2.80
1940.....	76	90	92	82	82	85	106	84.3	65	57	64	2.74	2.41
1941.....	96	110	116	110	112	109	139	109.3	66	55	64	3.32	3.01
1942.....	118	129	131	134	126	126	154	126.0	81	55	64	3.60	3.13
1943.....	145	155	156	167	145	151	182	152.6	<sup>3</sup> 119	61	<sup>4</sup> 74	4.26	3.31
1944.....	151	159	164	158	156	160	189	157.1	130	72	97	4.21	3.34
1945.....	163	171	175	168	160	167	199	165.9	138	124	160	4.33	3.34
1946.....	202	234	232	216	209	210	250	223.6	<sup>5</sup> 232	-----	218	6.21	5.62
1947.....	250	288	289	245	<sup>6</sup> 252	247	283	275.7	286	-----	307	6.96	6.56

<sup>1</sup> Prior to June 1940 quoted as Soft White.

<sup>2</sup> Markets are Chicago, Minneapolis, Kansas City, St. Louis, Omaha, and Duluth.

<sup>3</sup> Export price to the United States and neutral countries from Oct. 19, 1943, to July 31, 1946.

<sup>4</sup> Beginning July 1943, export price, f.o.b. port, bulk.

<sup>5</sup> Beginning August 1946, commercial sales to countries other than the United Kingdom.

<sup>6</sup> No. 2 Hard and Dark Hard Winter.

Bureau of Agricultural Economics. Compiled from following sources: Northwestern Daily Produce News; Bureau of Labor Statistics Wholesale Price Bulletins; reports of the Production and Marketing Administration; New York Journal of Commerce; Broomhall's Yearbook and Corn Trade News; Canadian Grain Statistics; Revista de la Bolsa de Cereales, La Nacion, Buenos Aires, weeklies; Statistical Register of New South Wales, annual; Summary of the Australian Wheat Situation, and from trade papers published at various markets. Wheat prices at Minneapolis, St. Louis, Kansas City, and Chicago are weighted averages. Foreign prices are compiled in original currencies and units. Prices converted to cents per bushel of 60 pounds at current monthly rates of exchange as reported by the Federal Reserve Board (beginning July 8, 1946. Canadian prices converted at par). For earlier prices, see the 1928, 1930, and 1934 Yearbooks, tables 22, 25, and 18, and Agricultural Statistics, 1937 and 1939, tables 19 and 24.

TABLE 16.—Wheat futures: Volume of trading by contract markets, 1938-47

Year beginning July—	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Kansas City Board of Trade	Duluth Board of Trade	Milwaukee Grain Exchange	Seattle Grain Exchange	Portland Grain Exchange	Total
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1938.....	4,372.1	114.3	404.5	558.7	48.1	3.8	3.6	.1	5,505.2
1939.....	6,849.9	208.1	539.2	717.2	50.8	7.3	2.4	.1	8,375.0
1940.....	3,736.2	116.9	390.8	497.9	35.7	3.6	2.7	.1	4,783.9
1941.....	2,810.2	95.7	497.4	377.7	42.6	2.6	4.7	.1	3,831.0
1942.....	1,754.3	60.0	503.5	346.1	34.5	1.8	3.0	( <sup>1</sup> )	2,703.2
1943.....	1,761.9	38.1	482.8	332.0	24.2	1.6	1.1	-----	2,641.7
1944.....	1,872.2	41.5	244.1	262.6	1.6	1.7	1.3	-----	2,425.0
1945.....	1,155.2	21.1	92.3	202.5	.1	.6	2.2	-----	1,474.0
1946.....	1,856.3	82.4	107.0	274.6	( <sup>1</sup> )	1.5	.6	-----	2,322.4
1947.....	4,385.0	141.6	424.9	811.0	-----	1.2	4.4	-----	5,768.1

<sup>1</sup> Less than 50,000 bushels.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 17.—Wheat futures: Annual average of month-end open contracts, by contract markets, 1938-47

Year beginning July—	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Kansas City Board of Trade	Duluth Board of Trade	Milwaukee Grain Exchange	Seattle Grain Exchange	Total <sup>1</sup>
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1938.....	93.8	.6	10.4	17.8	1.2	.1	.3	124.2
1939.....	87.4	.8	12.1	18.1	1.6	.2	.2	120.4
1940.....	52.9	.5	9.0	15.4	1.1	.1	.2	79.2
1941.....	42.2	.4	15.6	11.0	1.8	.1	.3	71.4
1942.....	36.7	.4	15.5	13.1	1.1	.1	.3	67.2
1943.....	40.0	.4	12.2	11.9	.9	(2)	.1	65.5
1944.....	44.6	.4	5.4	9.3	.1	(2)	.1	59.9
1945.....	38.7	.3	2.8	9.5	(2)	(2)	.1	51.4
1946.....	27.7	.3	2.3	7.8	(2)	(2)	(2)	38.1
1947.....	69.4	.6	7.1	16.6	-----	(2)	.3	94.0

<sup>1</sup> Includes open contracts of less than 50,000 bushels for the Portland Grain Exchange for the years 1938 through 1942.

<sup>2</sup> Less than 50,000 bushels.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 18.—Wheat futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1938-47

Year beginning July—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
1938.....	<i>Cents</i> 81¼	May 22.....	1939 May.....	<i>Cents</i> 59½	Sept. 7.....	1938 Sept.
1939.....	113	Apr. 22.....	1940 May.....	60½	July 24.....	1939 Sept.
1940.....	109½	June 27.....	1941 Dec.....	66½	Aug. 16.....	1940 Sept.
1941.....	137¼	Jan. 27.....	1942 Sept.....	100½	July 21.....	1941 July
1942.....	153¼	Mar. 4.....	1943 Dec.....	114½	July 20.....	1942 July
1943.....	173½	(1)	1944 May.....	142½	Aug. 16.....	1943 Sept.
1944.....	177½	Mar. 7 and 8.....	1945 Mar.....	136	Sept. 7.....	1945 July
1945.....	198½	(2)	(3)	150½	Aug. 21.....	1946 July
1946.....	305	Mar. 18.....	1947 Mar.....	169¼	Nov. 30.....	1947 July
1947.....	320¼	Nov. 28.....	1947 Dec.....	207½	Aug. 11.....	1948 July

<sup>1</sup> Jan. 10, Mar. 24 to May 13 inclusive, and May 17, 20, and 22.

<sup>2</sup> On several dates in May and June.

<sup>3</sup> 1946 July, Aug., Sept., Nov., Dec., and 1947 Mar.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade.

Data for 1929-37 in Agricultural Statistics, 1944, table 16. Highest and lowest prices during the period July 1, 1909, through June 30, 1948: High, \$3.25, May future, May 11, 1917; low, \$0.41½, December future, Nov. 25, 1932.

TABLE 19.—Rye: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage seeded for all purposes, in preceding fall <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel of No. 2 rye at Minneapolis, year beginning July <sup>2</sup>	Foreign trade, including flour and malt, year beginning July <sup>3</sup>		
								Domestic exports	Imports	Net exports <sup>4</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929		3,053	11.3	34,303						
1929		3,138	11.3	35,411	85.7	30,353	90	2,600	1	2,599
1930		3,646	12.4	45,383	44.4	20,165	51	227	88	139
1931	5,345	3,159	10.4	32,777	34.1	11,175	42	909	1	908
1932	5,401	3,350	11.7	39,099	28.0	10,952	41	318	14	304
1933	4,714	2,405	8.6	20,573	62.7	12,907	69	21	12,063	<sup>5</sup> 12,042
1934		1,914	8.6	16,234						
1934	5,453	1,921	8.5	16,285	72.0	11,731	81	( <sup>6</sup> )	11,379	<sup>5</sup> 11,379
1935	6,210	4,066	14.0	56,938	39.8	22,677	50	9	2,334	<sup>5</sup> 2,325
1936	6,446	2,694	9.0	24,239	81.2	19,686	97	248	4,018	<sup>5</sup> 3,770
1937	7,235	3,825	12.8	48,862	68.6	33,517	74	6,578	14	6,564
1938	6,654	4,087	13.7	55,984	33.8	18,928	44	784	1	783
1939		3,556	10.1	35,844						
1939	7,206	3,822	10.1	38,562	43.9	16,935	56	732	( <sup>6</sup> )	732
1940	5,514	3,204	12.4	39,725	<sup>7</sup> 42.0	16,679	51	245	1,392	<sup>5</sup> 1,147
1941	6,142	3,573	12.3	43,878	<sup>7</sup> 54.2	23,766	65	23	8,758	<sup>5</sup> 8,735
1942	6,371	3,792	14.0	52,929	<sup>7</sup> 60.3	31,934	73	15	1,490	<sup>5</sup> 1,475
1943	5,311	2,652	10.8	28,680	<sup>7</sup> 98.2	28,173	108	110	8,336	<sup>5</sup> 8,226
1944		2,023	10.6	21,349						
1944	4,415	2,132	10.6	22,525	<sup>7</sup> 109.0	24,597	122	1,747	4,146	<sup>5</sup> 2,399
1945	4,159	1,856	12.9	23,952	135.0	32,430	172	6,165	1,996	4,169
1946	3,396	1,607	11.7	18,879	192.0	36,169	255	573	1,641	<sup>5</sup> 1,068
1947 <sup>8</sup>	3,709	2,022	12.8	25,977	229.0	59,535	265			

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of rye sown for all purposes, including spring-sown rye.

<sup>2</sup> Prices are from Minneapolis Daily Market Record and are averages of daily prices weighted by carlot sales.

<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Rye—imports for consumption. Rye flour—imports for consumption; no exports reported since December 1932. Rye flour converted to rye on the basis that 1 barrel of rye flour is the product of 6 bushels of grain through 1943; beginning 1944 one barrel of flour is the product of 4.6 bushels of grain. Rye malt, no exports reported. Imports not separately reported prior to 1930. Converted to bushels of rye on basis that 1 bushel malt is the product of 1.1 bushel of grain through 1942. Beginning 1943, a bushel of malt equals a bushel of grain.

<sup>4</sup> Domestic exports minus imports for consumption.

<sup>5</sup> Net imports.

<sup>6</sup> Less than 500 bushels.

<sup>7</sup> Includes an allowance for unredeemed loans at average loan value.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.



TABLE 20.—Rye: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-46, annual 1946 and 1947

State and division	Acreage seeded <sup>1</sup>			Acreage harvested for grain			Production			Price for crop of—		
	Crops of 1936-45	Crop of 1946	Crop of 1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45 (°)	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
New York.....	65	64	70	18	8	15	312	144	285	87	198	226
New Jersey.....	94	91	89	16	15	15	275	262	270	93	198	210
Pennsylvania.....	77	33	28	57	22	18	828	341	279	86	170	196
North Atlantic.....	236	188	187	91	45	48	1,415	747	834	87.2	185	211
Ohio.....	111	70	77	56	17	30	916	289	510	78	180	218
Indiana.....	230	124	143	114	46	60	1,479	621	840	76	179	215
Illinois.....	153	88	127	71	38	57	912	475	798	73	182	225
Michigan.....	140	91	126	86	48	70	1,104	672	1,120	77	184	225
Wisconsin.....	268	100	109	186	76	87	2,181	874	1,000	77	198	235
Minnesota.....	384	151	189	312	118	164	4,384	1,534	2,460	71	208	245
Iowa.....	131	26	28	58	10	17	972	170	255	70	192	235
Missouri.....	134	100	100	43	35	36	512	438	468	87	190	225
North Dakota.....	903	225	360	602	196	323	6,750	2,156	4,360	65	206	240
South Dakota.....	841	323	410	548	241	347	6,589	2,530	4,858	67	199	235
Nebraska.....	698	423	440	385	267	288	4,155	3,070	2,592	68	185	225
Kansas.....	187	120	136	85	53	57	917	556	627	71	180	217
North Central.....	4,180	1,841	2,245	2,545	1,145	1,536	30,872	13,385	19,888	69.3	194	233
Delaware.....	21	33	32	12	18	19	152	243	238	96	188	210
Maryland.....	51	58	60	18	14	19	256	203	276	93	186	208
Virginia.....	131	117	108	42	28	27	511	392	392	100	183	210
West Virginia.....	13	8	8	6	3	3	72	38	36	94	174	200
North Carolina.....	176	145	145	46	22	24	435	275	336	122	235	260
South Carolina.....	64	52	49	18	13	12	163	130	132	142	238	255
Georgia.....	60	30	27	18	6	6	135	66	54	137	257	270
South Atlantic.....	517	443	429	160	104	110	1,724	1,347	1,464	111	204	227
Kentucky.....	114	155	141	20	37	37	253	518	518	95	190	225
Tennessee.....	157	115	98	39	25	26	378	250	273	108	210	225
Oklahoma.....	222	144	115	84	48	48	760	432	480	74	161	215
Texas.....	32	49	70	15	11	35	147	110	350	74	158	195
South Central.....	525	463	424	158	121	146	1,537	1,310	1,621	85.8	182	216
Montana.....	77	51	60	34	33	39	413	330	507	61	211	225
Idaho.....	17	11	10	6	4	5	86	56	85	74	172	205
Wyoming.....	39	29	28	18	8	7	183	84	77	68	182	206
Colorado.....	127	100	78	70	68	47	704	646	470	66	174	215
New Mexico.....	10	10	7	8	5	5	75	42	58	68	164	210
Utah.....	12	22	16	6	9	8	61	86	80	80	180	200
Washington.....	52	50	50	20	12	16	240	150	168	78	159	215
Oregon.....	126	159	145	36	40	40	500	540	560	78	167	205
California.....	26	29	30	10	13	15	124	156	165	79	167	210
Western.....	487	461	424	210	192	182	2,386	2,090	2,170	69.7	177	213
United States.....	5,945	3,396	3,709	3,164	1,607	2,022	37,934	18,879	25,977	72.6	192	229

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of rye sown for all purposes, including spring-sown rye.

<sup>2</sup> Preliminary.

<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.

Bureau of Agricultural Economics.

TABLE 21.—*Rye: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1945-47 1*

Continent and country	Acreage <sup>2</sup>				Yield per acre <sup>3</sup>				Production			
	Average 1935-39	1945	1946	1947 <sup>4</sup>	Average 1935-39	1945	1946	1947 <sup>4</sup>	Average 1935-39	1945	1946	1947 <sup>4</sup>
North America:												
Canada.....	816	487	715	1,156	11.3	12.1	12.3	11.4	9,191	5,888	8,811	13,217
United States.....	3,699	1,856	1,607	2,022	12.1	12.9	11.7	12.8	44,917	23,952	18,879	25,977
Total.....	4,515	2,343	2,322	3,178					54,108	29,840	27,690	39,194
Europe:												
Austria.....	912	550	620	580	23.4	16.5	19.0	19.7	21,355	9,100	11,800	11,400
Belgium.....	369	310	287	220	38.8	29.7	36.6	37.8	14,319	10,500	10,500	8,700
Bulgaria.....	567	373	500	706	17.3	20.7	17.0		8,084	4,000	8,500	
Czechoslovakia.....	2,350	2,100	2,100	2,100	26.0	23.3	23.9		61,000	46,000	55,000	
Denmark.....	354	398	313	259	28.2	30.7	32.9	27.4	9,973	12,236	11,300	7,086
Finland.....	500	360	306	376	24.6	19.8	19.7	21.0	12,300	7,300	7,200	7,900
France.....	1,614	940	1,150	1,170	18.6	14.7	17.0	15.1	30,013	15,800	19,500	17,700
Germany.....	7,035				29.1				205,000			
Greece.....	163	109	133	155	13.8	8.9	14.8	11.0	2,244	965	1,970	1,700
Hungary.....	1,585	913	1,122	1,210	18.5	13.1	14.9	14.5	29,354	11,968	16,701	17,500
Italy.....	258	240	255	250	22.1	13.8	17.6	17.2	5,700	3,300	4,500	4,300
Luxembourg.....	18	12	15	13	25.7	20.7	25.7	21.2	462	248	386	275
Netherlands.....	559	534	556	448	35.1	20.6	32.3	27.9	19,626	11,000	17,948	12,506
Norway.....	13	8	7	7	31.2	22.1	28.6	28.6	405	177	200	200
Poland.....	13,425				21.1				284,000			
Portugal.....	342	567	555	570	13.1	8.5	11.0	9.6	4,485	4,805	6,100	5,500
Rumania.....	640				15.6				10,000			
Spain.....	1,415	1,479	1,465	1,460	13.6	10.0	13.7	12.3	619,205	14,800	20,078	18,000
Sweden.....	495	416	387	285	30.0	26.1	29.4	19.6	14,828	10,876	11,384	5,507
Switzerland.....	32	32	35	37	33.2	34.4	34.3	26.8	1,200	1,102	1,200	900
United Kingdom.....	18	80	55	36	22.1	29.5	28.4	23.9	398	2,360	1,560	860
Yugoslavia.....	633				13.4				8,500			
Estimated total <sup>7</sup> .....	33,210	25,340	26,400	27,350					763,000	452,000	510,000	495,000
U.S.S.R. (Europe and Asia)	60,800		70,000	71,000	14.6		12.3	13.0	885,000		860,000	920,000
Other countries:												
Turkey.....	939	936	988	1,025	15.2	9.5	18.4	15.3	14,301	8,806	18,200	15,700
Argentina.....	1,078	1,407	2,282	1,600	9.1	8.2	9.5	8.8	9,771	11,535	21,739	14,000
Union of South Africa.....	817		191	191	8.8		7.1	9.0	794		1,349	1,711
Estimated world total <sup>7</sup> .....	100,770	100,390	102,320	104,500					1,730,000	1,345,000	1,440,000	1,490,000

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with estimates for the Southern Hemisphere harvests, which began late in 1947 and ended early in 1948.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Yield per acre calculated from acreage and production data shown, except for incomplete periods.

<sup>4</sup> Revised estimates for Northern Hemisphere countries; for Southern Hemisphere, preliminary forecasts.

<sup>5</sup> Estimate not adjusted to take account of inclusion of Southern Dobrudja, and is therefore not strictly comparable with estimates shown for later years.

<sup>6</sup> Figure for 1935 only.

<sup>7</sup> Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>8</sup> Average of less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

TABLE 22.—*Rye: Production and farm disposition, United States, 1938-47*

Crop of—	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	55,984	9,710	4,440	21,522	284	29,738
1939.....	38,562	7,378	3,662	16,111	189	18,600
1940.....	39,725	8,079	3,394	16,242	163	19,926
1941.....	43,878	8,283	3,650	16,528	155	23,545
1942.....	52,929	6,841	3,294	20,673	168	28,794
1943.....	28,680	5,753	2,517	13,729	96	12,338
1944.....	22,525	5,429	2,166	8,602	64	11,693
1945.....	23,952	4,454	1,894	6,354	52	15,652
1946.....	18,879	4,897	1,829	3,823	39	13,188
1947 <sup>1</sup> .....	25,977	4,968	2,086	4,261	35	19,595

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 23.—*Rye: Production and farm disposition, by States, crop of 1946*

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
New York.....	144	126	19	37		87
New Jersey.....	262	160	40	52		170
Pennsylvania.....	341	45	25	256	4	56
Ohio.....	289	108	22	104	1	162
Indiana.....	621	186	74	155		392
Illinois.....	475	178	36	119		320
Michigan.....	672	189	57	202	1	412
Wisconsin.....	874	174	96	350	7	421
Minnesota.....	1,534	321	160	92	3	1,279
Iowa.....	170	45	9	34		127
Missouri.....	438	140	41	110	1	286
North Dakota.....	2,156	468	225	22	3	1,906
South Dakota.....	2,530	533	256	101	2	2,171
Nebraska.....	3,070	528	238	553	3	2,276
Kansas.....	556	150	52	178	1	325
Delaware.....	243	48	26	36		181
Maryland.....	203	96	26	51	2	124
Virginia.....	392	151	45	137	2	208
West Virginia.....	38	12	3	27	1	7
North Carolina.....	275	174	38	82	4	151
South Carolina.....	130	59	18	20		92
Georgia.....	66	32	6	13		47
Kentucky.....	518	197	39	93		386
Tennessee.....	250	127	32	70		148
Oklahoma.....	432	126	50	225		157
Texas.....	110	70	21	38		51
Montana.....	330	60	22	82		226
Idaho.....	56	12	4	42		24
Wyoming.....	84	25	6	28		36
Colorado.....	646	70	43	181	1	421
New Mexico.....	42	6	3	8		31
Utah.....	86	22	10	60	1	15
Washington.....	150	60	13	52		85
Oregon.....	540	160	56	135	1	348
California.....	156	39	18	78		60
United States.....	18,879	4,897	1,829	3,823	39	13,188

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 24.—*Rye: Production and farm disposition, by States, crop of 1947*<sup>1</sup>

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	285	131	26	88	1	170
New Jersey.....	270	153	35	54	.....	181
Pennsylvania.....	279	38	20	223	3	33
Ohio.....	510	102	26	158	2	324
Indiana.....	840	195	55	218	.....	567
Illinois.....	798	196	43	160	.....	595
Michigan.....	1,120	189	83	392	.....	645
Wisconsin.....	1,000	158	85	350	8	557
Minnesota.....	2,460	434	226	123	4	2,107
Iowa.....	255	58	15	26	.....	214
Missouri.....	468	168	45	126	1	296
North Dakota.....	4,360	585	328	44	2	3,986
South Dakota.....	4,858	566	340	97	2	4,419
Nebraska.....	2,592	422	232	570	1	1,789
Kansas.....	627	112	47	176	.....	404
Delaware.....	238	48	28	29	.....	181
Maryland.....	276	93	35	97	2	142
Virginia.....	392	151	44	157	2	189
West Virginia.....	36	10	3	25	1	7
North Carolina.....	336	150	42	118	4	172
South Carolina.....	132	48	14	25	.....	93
Georgia.....	54	31	6	11	.....	37
Kentucky.....	518	182	36	93	.....	389
Tennessee.....	273	121	30	82	.....	161
Oklahoma.....	480	119	50	120	.....	310
Texas.....	350	98	29	88	.....	233
Montana.....	507	54	24	101	.....	382
Idaho.....	85	12	4	42	.....	39
Wyoming.....	77	24	6	39	.....	32
Colorado.....	470	52	31	141	.....	298
New Mexico.....	58	5	3	12	.....	43
Utah.....	80	18	9	40	1	30
Washington.....	168	58	16	42	.....	110
Oregon.....	560	148	52	112	1	395
California.....	165	39	18	82	.....	65
United States.....	25,977	4,968	2,086	4,261	35	19,595

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 25.—*Rye: Stocks on and off farms, United States, 1938-47*

Year beginning October—	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938		26,000		14,520				
1939	31,000	21,000	14,500	10,100				
1940	31,500	24,500	19,000	13,100				
1941	35,000	22,400	15,400	12,100				
1942	42,000	30,500	21,800	15,300			28,494	31,814
1943	21,500	13,500	8,325	5,000	31,475	28,608	27,294	25,985
1944	13,959	9,250	5,668	3,030	19,609	16,340	13,790	9,136
1945	12,961	6,550	2,989	1,050	8,033	6,765	4,492	1,227
1946	9,829	4,000	1,700	600	3,339	4,504	3,383	1,746
1947 <sup>3</sup>	13,482	7,200	4,434	1,700	8,149	7,230	3,732	1,642

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, and commercial stocks at terminals.

<sup>2</sup> Includes old crop only.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 26.—*Rye: Supply and distribution, United States, 1939-47*

Year beginning July—	Stocks, July 1 <sup>1</sup>	Pro- duction	Imports	Total supply	Domestic disappearance					Exports <sup>3</sup>
					Food <sup>2</sup>	Feed	Seed	Spirits and alcohol	Total	
					1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1939	21,904	38,562	(4)	60,466	7,018	20,136	7,378	5,596	40,128	732
1940	19,606	39,725	1,392	60,723	7,134	19,847	8,079	6,679	41,739	245
1941	18,739	43,878	8,753	71,375	7,824	19,250	8,283	6,861	42,218	23
1942	29,134	52,929	1,490	83,553	8,335	27,229	6,841	2,089	44,494	450
1943	47,114	28,680	8,314	84,108	8,734	33,532	5,753	4,510	52,529	594
1944	30,985	22,525	4,149	57,659	7,777	18,780	5,429	10,363	42,349	3,144
1945	12,166	23,952	1,996	38,114	6,695	9,263	4,454	8,316	28,728	7,109
1946	2,277	18,879	1,641	22,797	5,514	5,232	4,897	4,235	19,878	573
1947 <sup>5</sup>	2,346	25,975	41	28,362	5,644	5,038	4,968	6,723	22,373	2,642

<sup>1</sup> 1939-42, farm and commercial stocks, only. Beginning in 1943, the figures also include interior mill and elevator stocks.

<sup>2</sup> Estimates based on trade information related to the Census of 1939.

<sup>3</sup> Period 1942-43 to 1947-48 includes rye and flour (rye equivalent) used by military services for civilian relief abroad, estimated as follows (1,000 bu.): 435; 484; 1,398; 944; 0; and 406.

<sup>4</sup> Less than 500 bushels.

<sup>5</sup> Preliminary.

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TABLE 27.—*Rye: Receipts graded by licensed inspectors, by grades, United States, 1937-46*

Year beginning July—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better	
							1,000 bushels	Percent
1937	4,761	16,055	7,299	840	442	29,397		71
1938	9,574	16,185	3,521	537	726	30,543		84
1939	6,780	14,288	5,818	789	711	28,386		74
1940	5,531	12,633	1,470	270	744	20,648		85
1941	5,682	16,128	9,160	3,605	1,589	39,164		63
1942	3,418	17,289	9,890	5,604	1,905	38,106		54
1943	3,218	17,591	8,962	3,012	1,584	34,367		61
1944	3,260	11,982	4,589	2,602	1,545	23,978		64
1945	5,689	15,974	3,285	811	1,129	26,888		81
1946	4,742	5,807	2,134	200	313	13,196		80

Production and Marketing Administration.

The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,500 bushels per car for the years 1937-43 and 1,650 bushels for the years 1944-46.

TABLE 28.—*Rye futures: Volume of trading by contract markets and annual average of month-end open contracts on all markets combined, 1938-47*

Year beginning July—	Volume of trading					Average open contracts
	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Milwaukee Grain Exchange	Total	
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	
1938.....	116.5	.8	66.8	.5	<sup>1</sup> 184.7	8.4
1939.....	311.0	1.4	95.6	1.3	409.3	15.3
1940.....	206.1	.8	58.2	1.1	266.2	17.1
1941.....	708.6	4.8	74.8	1.8	790.0	25.2
1942.....	1,320.2	43.1	104.6	1.8	1,469.7	39.1
1943.....	2,698.7	169.6	160.3	2.5	3,031.1	46.5
1944.....	3,631.1	254.8	89.1	3.6	3,978.6	46.7
1945.....	1,671.9	250.7	38.6	2.3	1,963.5	20.6
1946.....			.2		.2	<sup>2</sup> 1.1
1947.....			21.1		21.1	.8

<sup>1</sup> Includes 0.1 million bushels for the Duluth Board of Trade.

<sup>2</sup> One month only.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 29.—*Rye futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1938-47*

Year beginning July—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
1938.....	<i>Cents</i> 58	May 31.....	1939 Dec.....	<i>Cents</i> 39½	Sept. 6.....	1938 Sept.
1939.....	77½	Dec. 26.....	1940 May.....	37½	Aug. 30.....	1939 Sept.
1940.....	62¾	June 23.....	1941 Dec.....	36½	Aug. 19.....	1940 Sept.
1941.....	98	Jan. 27.....	1942 Sept.....	51¾	July 5.....	<sup>1</sup> 1941 July
1942.....	106½	June 30.....	1943 Dec.....	59¾	Nov. 4.....	1942 Dec.
1943.....	134½	Jan. 7.....	1944 May.....	94¾	Aug. 16.....	1943 Sept.
1944.....	159¾	June 19.....	1945 July.....	88¾	Sept. 7.....	1945 July
1945.....	286¼	May 7.....	1946 May.....	118¾	Aug. 21.....	1946 July
1946.....	(2)			(2)		
1947.....	(2)			(2)		

<sup>1</sup> Old.

<sup>2</sup> Trading suspended June 13, 1946, but resumed on July 12, 1948.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade.

Data for 1929-37 in Agricultural Statistics, 1944, table 24. Highest and lowest prices during the period August 16, 1918, through June 30, 1948: High, \$2.86¼, May future, May 7, 1945; low, \$ .26¼, December future, Nov. 1 and 3, 1932.

TABLE 30.—Rice (rough): Acreage, yield per acre, and production in specified countries, averages 1930-34, and 1935-39, annual 1945-47 1

Continent and country	Acreage			Yield per acre					Production				
	Average		1947 *	Average		1946 *	1947 *	1945	Average		1945	1946 *	1947 *
	1930-34	1935-39		1930-34	1935-39				1930-34	1935-39			
<b>North America:</b>	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
Costa Rica.....	22	26	30	33.4	34.0	31.7	33.9	917	935	1,020	1,120	952	
El Salvador.....	84	95	33	26.9	23.5	---	---	530	700	799	1,368	---	
Mexico.....	35	50	155	41.4	42.2	36.9	43.5	3,478	4,007	6,125	5,780	---	
Panama.....	883	1,004	1,494	32.0	27.4	25.6	25.8	3,960	1,600	2,585	2,709	---	
United States.....	36	45	72	47.1	49.7	45.6	45.9	41,572	49,852	68,150	72,216	2,594	
Oaribbean:	45	75	101	---	---	---	---	---	---	---	---	---	
Cuba.....	45	75	101	21.4	23.1	24.4	24.4	935	965	1,733	1,766	2,100	
Dominican Republic <sup>4</sup> .....	45	80	134	33.7	36.3	32.3	29.7	1,517	2,905	4,328	3,684	3,392	
Trinidad.....	7	10	22	30.0	30.0	38.4	38.4	180	300	711	844	---	
Estimated total.....	1,200	1,430	2,290	---	---	---	---	51,320	63,180	89,500	94,020	101,650	
<b>Europe:</b>	18	19	14	---	---	---	---	---	---	---	---	---	
Bulgaria.....	360	362	245	54.8	31.7	35.7	35.7	791	1,041	698	500	---	
Italy.....	39	50	64	103.9	81.6	80.0	80.0	34,139	37,620	20,000	26,000	---	
Portugal.....	117	110	125	68.0	39.6	54.7	64.0	1,740	3,398	2,179	3,500	4,160	
Spain.....	540	560	560	96.4	86.5	86.5	86.6	14,558	10,600	10,290	10,070	12,700	
Estimated total.....	328	384	335	---	---	---	---	51,480	53,150	34,200	41,280	54,570	
<b>U. S. S. R. (Europe and Asia):</b>	---	---	---	32.9	42.3	---	---	10,785	16,225	---	---	---	
<b>Asia:</b>	560	534	580	---	---	---	---	---	---	---	---	---	
Iran.....	316	386	470	37.1	25.5	38.2	38.2	22,413	18,577	20,802	22,160	19,970	
Turkey.....	66	78	45	40.0	53.0	55.5	55.5	3,750	11,176	12,200	13,720	11,760	
Burma.....	12,770	12,671	6,983	61.2	61.2	66.1	66.1	3,329	4,774	2,387	2,976	3,060	
China.....	47,099	48,161	46,096	28.1	27.5	19.3	25.0	358,219	348,534	134,455	194,942	270,547	
Formosa.....	1,609	1,616	1,433	49.8	52.5	47.0	50.1	2,345,574	2,623,383	2,159,964	2,328,736	2,348,082	
Manchuria.....	1,472	782	400	33.0	33.0	41.1	43.1	75,340	85,704	37,925	59,015	71,727	
French India.....	47	47	44	31.6	40.6	41.1	37.5	14,923	31,783	39,117	15,000	---	
French Indo-China.....	13,505	14,306	9,750	27.3	25.0	25.7	22.1	1,281	1,173	1,132	210,000	235,000	
India <sup>5</sup> .....	70,288	72,707	81,810	20.8	22.4	22.4	21.5	281,497	319,910	220,000	210,000	200,000	
Japan.....	7,887	7,862	7,800	28.4	26.2	24.7	25.7	1,995,645	1,904,819	1,993,492	2,103,286	2,000,000	
Korea.....	4,112	3,838	2,711	70.7	75.8	58.6	72.9	557,217	595,845	457,007	561,082	564,501	
Malayan Union.....	4,740	746	797	38.0	51.0	45.4	40.6	197,500	195,763	117,521	110,312	128,660	
Netherlands Indies <sup>7</sup> .....	9,140	9,794	8,850	36.3	32.6	26.1	31.1	25,333	27,099	18,550	20,816	27,042	
Philippine Islands.....	4,643	4,852	4,346	30.3	32.0	25.7	30.5	276,935	313,144	200,000	270,000	290,000	
Siam.....	7,141	7,088	5,500	22.6	20.3	22.4	22.1	103,925	104,877	88,380	107,689	113,455	
Estimated total.....	190,820	196,900	192,030	30.1	30.1	24.5	29.3	231,402	213,079	120,000	170,000	230,000	
Estimated total.....	6,806,360	7,124,960	5,997,570	---	---	---	---	6,806,360	7,124,960	5,997,570	6,539,900	6,664,130	



South America:	25	122	128	42.2	59.8	63.4	56.1	48.2	1,054	3,112	7,736	6,849	6,165
Argentina.....	2,074	4,166	3,756	28.4	28.6	32.7	31.9	29.1	58,970	66,424	135,799	132,779	109,230
Brazil.....	78	95	70	44.2	50.8	52.9	50.9	62.6	3,445	3,559	3,028	4,993	4,381
British Guiana.....	13	119	80	\$ 22.0	99.9	48.6	53.4		\$ 2,508	3,378	6,030	6,150	7,450
Colombia.....	\$ 114								\$ 2,330	3,417	8,098	8,945	7,450
Ecuador.....	\$ 4	14	12	\$ 43.8	\$ 46.0	43.1	62.8		\$ 175	\$ 460	603	754	9,000
Paraguay.....	126	148	130	36.1	42.8	56.0	50.0	56.3	4,551	4,578	8,291	6,500	9,000
Peru.....	\$ 29	37	40	\$ 37.7	46.0	49.3	62.7	73.9	1,078	1,703	1,724	1,886	2,507
Surinam.....	3	21	23	67.0	66.6	67.8	74.9		1,201	866	1,423	1,723	2,142
Uruguay.....													
Estimated total.....	2,580	5,370	4,980						74,940	89,440	182,250	177,170	154,890
Africa:													
Belgian Congo.....	\$ 220		297		\$ 11.2		15.3						
Egypt.....	352	654	805	59.3	71.6	64.9	70.1	77.7	20,876	33,155	42,454	45,971	4,409
French West Africa.....	1,065	2,459		17.0	\$ 13.4	11.8			18,087	30,936	29,051		62,547
Madagascar.....	1,354	1,430	1,430	25.2	28.3	26.4	24.0	24.6	33,823	37,722	34,293		36,350
Sierra Leone.....	307	340		29.4	26.8				9,015	9,100	9,308		
Estimated total.....	3,560	6,360	7,060						87,410	107,850	139,910	146,830	167,300
Oceania:													
Australia.....	21	28	27	77.6	92.0	91.2	89.7	99.6	1,629	2,117	2,553	2,780	2,688
Fiji.....	10	24	25	48.0	43.1	44.2	37.0		480	431	1,060	924	
Estimated total.....	40	80	90						2,200	2,700	4,700	4,800	4,800
Estimated world total.....	199,100	206,500	207,600	210,000					7,085,000	7,458,000	6,459,000	7,016,000	7,162,000

<sup>1</sup> Year beginning August 1. Crops harvested in Northern Hemisphere countries during the latter part of the year shown, together with those harvested in southern Asia principally from November of the given year to the next May, are combined with crops harvested in Southern Hemisphere countries during the first part of the following year.

<sup>2</sup> Preliminary.

<sup>3</sup> Average of less than 5 years.

<sup>4</sup> Calendar year prior to 1946.

<sup>5</sup> Includes acreage and production in areas regularly reported only, comprising about 92 percent of the total rice area of India.

<sup>6</sup> South Korea only. During the 1935-38 period, production in South Korea averaged about 150,000,000 bushels.

<sup>7</sup> Java and Madura only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information.

TABLE 31.—Rice, rough: Acreage, production, and value, United States, 1929-47

Year	Acreage harvested	Yield per acre	Production	Season average price per bushel received by farmers	Farm value
	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars
1929.....	860	46.0	39,534	99.8	39,474
1930.....	966	46.5	44,929	78.4	35,214
1931.....	965	46.2	44,613	48.5	21,642
1932.....	874	47.6	41,619	41.8	17,416
1933.....	798	47.2	37,651	77.7	29,248
1934.....	812	48.1	39,047	79.0	30,854
1935.....	817	48.3	39,452	72.2	28,469
1936.....	981	50.8	49,820	83.4	41,567
1937.....	1,099	48.6	53,422	65.8	35,168
1938.....	1,076	48.8	52,506	64.0	33,630
1939.....	1,045	51.7	54,062	72.8	39,348
1940.....	1,069	50.9	54,433	81.2	44,208
1941.....	1,214	42.3	51,323	136.0	69,600
1942.....	1,457	44.4	64,627	163.0	105,082
1943.....	1,472	44.2	65,031	178.0	116,024
1944.....	1,480	46.5	68,830	177.0	121,573
1945.....	1,494	45.6	68,150	179.0	122,190
1946.....	1,574	45.9	72,216	225.0	162,726
1947 <sup>1</sup> .....	1,677	47.3	79,345	275.0	218,523

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1899-1928 in Agricultural Statistics, 1942, table 42.

TABLE 32.—Rice, rough: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Acreage planted			Acreage harvested			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Arkansas.....	223	327	360	220	320	355	11,118	14,240	16,330	116	227	260
Louisiana.....	539	592	616	535	589	613	21,243	22,676	21,455	122	231	270
Texas.....	322	412	474	315	412	474	14,877	17,716	23,700	128	226	295
California.....	174	255	237	169	253	235	10,982	17,584	17,860	110	216	270
United States.....	1,259	1,586	1,687	1,239	1,574	1,677	58,220	72,216	79,345	120	225	275

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 33.—Rice, rough: Supply and distribution, United States, 1937-46

Year <sup>1</sup>	Begin- ning stocks <sup>2</sup>	Produc- tion	Total supply	Domestic disappearance				Exports and ship- ments	Total disap- pear- ance	Ending stocks <sup>2</sup>	Balanc- ing item
				Seed	Feed	Food <sup>3</sup>	Milled <sup>4</sup>				
	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>	1,000 barrels <sup>5</sup>
1937-----	494	14,839	15,333	706	357	173	13,398	150	14,784	701	-152
1938-----	701	14,585	15,286	691	196	173	13,704	151	14,915	710	-339
1939-----	710	15,017	15,727	721	211	174	13,851	113	15,070	1,044	-387
1940-----	1,044	15,120	16,164	835	224	172	14,122	262	15,615	464	85
1941-----	464	14,256	14,720	1,012	189	172	13,491	63	14,927	47	-254
1942-----	47	17,952	17,999	1,031	184	200	15,725	478	17,618	254	127
1943-----	254	18,064	18,318	991	198	272	15,557	290	17,308	102	908
1944-----	102	19,119	19,221	1,009	188	269	16,475	302	18,243	361	617
1945-----	361	18,931	19,292	1,071	189	400	17,018	275	18,953	329	10
1946-----	329	19,823	20,152	1,141	153	500	17,823	244	19,861	85	206

<sup>1</sup> Crop year beginning Aug. 1 in Southern States and Oct. 1 in California.  
<sup>2</sup> Stocks on farms, in country warehouses, and in mills.  
<sup>3</sup> Used for food on farms where grown and for custom milling for local use.  
<sup>4</sup> Milled by commercial mills.  
<sup>5</sup> A barrel is equivalent to 162 pounds.

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TABLE 34.—Rice, rough: Supply and distribution, southern crop, 1941-46

Item	Year beginning Aug. 1—					
	1941	1942	1943	1944	1945	1946
<b>SUPPLY</b>						
Stocks, Aug. 1:	1,000 barrels <sup>1</sup>	1,000 barrels <sup>1</sup>	1,000 barrels <sup>1</sup>	1,000 barrels <sup>1</sup>	1,000 barrels <sup>1</sup>	1,000 barrels <sup>1</sup>
On farms and in country warehouses-----	131	25	30	41	267	156
In mills-----	121	16	118	38	85	158
Total-----	252	41	148	79	352	314
Production-----	11,919	14,444	14,020	14,953	15,065	15,176
Received from California-----	25	1	52	5	2	3
Total supply-----	12,196	14,486	14,220	15,037	15,419	15,493
<b>DISTRIBUTION</b>						
Seed for new crop-----	804	829	794	794	852	938
For local food use <sup>2</sup> -----	172	200	272	269	400	500
For feed on farms-----	147	162	167	150	156	107
Milled by commercial mills-----	11,221	12,716	11,877	12,636	13,492	13,335
Exports (rough)-----	35	260	194	238	195	151
Stocks, July 31-----	41	148	79	352	314	65
Total accounted for-----	12,420	14,315	13,383	14,439	15,409	15,096
Balancing item-----	-224	171	837	598	10	397

<sup>1</sup> A barrel is equivalent to 162 pounds.  
<sup>2</sup> Includes rice used by huller mills.

Production and Marketing Administration.

TABLE 35.—Rice, rough: Supply and distribution, California crop, 1941-46

Item	Year beginning Oct. 1—					
	1941	1942	1943	1944	1945	1946
SUPPLY						
Stocks, Oct. 1:	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>
In country warehouses and transit .....	200	8	98	20	9	20
In mills .....	142	2	75	17	7	4
Total .....	342	10	173	37	16	24
Production .....	3,787	5,682	6,552	6,750	6,262	7,913
Total supply .....	4,129	5,692	6,725	6,787	6,278	7,937
DISTRIBUTION						
Seed for new crop .....	297	332	344	349	349	332
Feed and waste .....	75	35	50	50	50	50
Shipments to southern mills .....	42	1	84	5	4	5
Milled by commercial mills .....	3,678	4,875	5,962	6,218	5,713	7,271
Exports and shipments to Territories (rough) ..	46	353	155	104	129	150
Stocks, Sept. 30 .....	10	173	37	16	24	32
Total accounted for .....	4,148	5,769	6,632	6,742	6,269	7,840
Balancing item .....	-19	-77	93	45	9	97

<sup>1</sup> A bag is equivalent to 100 pounds.

Production and Marketing Administration.

TABLE 36.—Rice, milled (heads, second heads, and screenings): Supply and distribution, United States, 1937-46

Year <sup>1</sup>	Mill stocks, beginning of season	Production	Total supply	Exports	Shipments to Terri- tories	Disappea- ance within the United States	Mill stocks, end of season
	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags
1937 .....	1,210	13,765	14,975	2,898	3,389	7,857	831
1938 .....	831	14,324	15,155	3,175	3,018	7,355	1,607
1939 .....	1,607	14,168	15,775	3,002	3,161	7,984	1,628
1940 .....	1,628	14,552	16,180	3,731	3,314	7,921	1,214
1941 .....	1,214	13,835	15,049	4,300	2,940	7,645	164
1942 .....	164	16,552	16,716	4,113	2,629	8,664	1,310
1943 .....	<sup>3</sup> 1,310	16,778	18,088	4,981	3,351	<sup>4</sup> 8,260	1,496
1944 .....	<sup>3</sup> 1,496	17,615	19,111	4,528	2,969	<sup>4</sup> 11,398	216
1945 .....	216	18,379	18,595	6,879	2,869	8,723	124
1946 .....	124	19,450	19,574	8,289	2,934	8,252	99

<sup>1</sup> Crop year beginning Aug. 1 in Southern States and Oct. 1 in California.

<sup>2</sup> A bag is equivalent to 100 pounds.

<sup>3</sup> Includes stocks held by the War Food Administration.

<sup>4</sup> Includes shipments to the armed forces.

Production and Marketing Administration.

TABLE 37.—Rice, milled (heads, second heads, and screenings): Supply and distribution, southern crop, 1937-46

Year beginning August—	Mill stocks, Aug. 1	Production	Total supply	Exports	Shipments to Territories	Disappearance within the United States	Stocks, July 31
	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>	1,000 bags <sup>1</sup>
1937.....	1,072	12,036	13,108	2,815	2,116	7,482	695
1938.....	695	12,396	13,091	3,106	1,742	6,922	1,321
1939.....	1,321	12,458	13,779	2,951	2,195	7,229	1,404
1940.....	1,404	12,507	13,911	3,511	2,022	7,413	965
1941.....	965	11,641	12,606	4,194	1,381	6,937	94
1942.....	94	13,428	13,522	2,965	1,772	7,887	<sup>3</sup> 898
1943.....	<sup>2</sup> 898	12,827	13,725	3,998	2,771	6,082	<sup>3</sup> 874
1944.....	<sup>2</sup> 874	13,507	14,381	4,204	2,108	<sup>3</sup> 7,945	<sup>3</sup> 124
1945.....	<sup>2</sup> 124	14,632	14,756	6,163	1,559	7,021	13
1946.....	13	14,532	14,545	7,254	1,108	6,099	84

<sup>1</sup> A bag is equivalent to 100 pounds.<sup>2</sup> Includes stocks held by War Food Administration or Commodity Credit Corporation.<sup>3</sup> Includes shipments to the armed forces.

Production and Marketing Administration.

TABLE 38.—Rice, milled, heads only: Supply and distribution, California crop, 1937-46

Year beginning October—	Stocks Oct. 1	Production	Total supply	Exports	Shipments to Hawaii and Puerto Rico <sup>1</sup>	Disappearance within the United States	Stocks, Sept. 30
	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>
1937.....	31	1,649	1,680	83	1,273	260	64
1938.....	64	1,850	1,914	69	1,276	338	231
1939.....	231	1,532	1,763	51	966	656	90
1940.....	90	1,937	2,027	220	1,292	293	222
1941.....	222	1,989	2,211	106	1,559	510	36
1942.....	36	2,882	2,918	1,148	857	514	<sup>3</sup> 399
1943.....	<sup>3</sup> 399	3,385	3,784	983	580	<sup>4</sup> 1,621	<sup>3</sup> 600
1944.....	<sup>3</sup> 600	3,429	4,029	324	861	<sup>4</sup> 2,755	8
1945.....	89	3,088	3,177	716	1,310	<sup>4</sup> 1,068	83
1946.....	83	4,204	4,287	1,035	1,825	1,421	6

<sup>1</sup> Data from San Francisco Harbor Commission.<sup>2</sup> A bag is equivalent to 100 pounds.<sup>3</sup> Includes stocks held by the War Food Administration.<sup>4</sup> Includes shipments to the armed forces.

Production and Marketing Administration.

TABLE 39.—Rice, milled No. 1 <sup>1</sup>: Average wholesale price per 100 pounds, 1937-46

Year beginning August—	Blue Rose					Early Prolific					Rexoro			California Pearl
	New Orleans	Houston	New York	Stuttgart, Ark.	San Francisco	New Orleans	Houston	New York	Stuttgart, Ark.	San Francisco	New Orleans	Houston	New York	San Francisco
1937.....	Dol. 3.08	Dol. 3.07	Dol. 3.47	Dol. 3.01	Dol. 3.66	Dol. 2.84	Dol. 2.74	Dol. 3.10	Dol. 2.67	Dol. 3.33	Dol. 5.13	Dol. 5.02	Dol. 5.37	-----
1938.....	2.91	2.84	3.38	2.89	3.62	2.71	2.65	3.17	2.53	3.28	4.19	4.09	4.71	3.14
1939.....	3.30	3.26	3.74	3.33	4.19	3.08	3.04	3.46	3.03	3.74	3.85	3.67	4.06	3.70
1940.....	3.93	4.00	4.40	4.03	4.57	3.66	3.71	4.07	3.66	4.17	5.21	5.18	5.64	3.84
1941.....	6.16	6.22	6.88	6.18	6.77	5.84	5.85	6.56	5.74	6.32	8.90	8.84	9.43	6.06
1942.....	6.58	6.56	7.50	6.51	-----	6.29	6.26	7.23	6.20	-----	8.42	8.38	9.34	6.51
1943.....	6.60	6.50	7.45	6.50	-----	6.30	6.20	7.20	6.20	-----	8.35	8.25	9.25	6.62
1944.....	6.60	6.50	7.45	6.50	-----	6.30	6.20	7.20	6.20	-----	8.35	8.25	9.25	6.59
1945.....	7.17	7.05	8.15	7.05	-----	6.85	6.75	7.90	6.85	-----	9.03	8.95	9.90	7.15
1946.....	8.91	8.81	9.91	8.81	-----	8.43	8.33	9.43	8.33	-----	10.72	10.62	11.72	9.33

<sup>1</sup> Same as "Extra Fancy" shown in previous editions of this table.

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TABLE 40.—Rice, in terms of milled: International trade, average 1936-40, annual 1946 and 1947

Continent and country	Average 1936-40		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>						
Canada.....	2,525	50,958	3	26,018	6	38,441
Mexico.....	18,555	347	3	3,293	<sup>2</sup> 22,000	4,460
Nicaragua.....	150	518	11,228		8,023	
United States.....	235,206	20,534	772,592	3,483	978,375	610
British West Indies.....	<sup>3</sup> 471	118,074		<sup>4</sup> 70,000		<sup>4</sup> 55,000
Cuba.....	60	444,612	1,426	330,464	1	620,639
Total <sup>5</sup> .....	259,775	690,821	799,920	458,360	1,027,648	758,985
<b>Europe:</b>						
Austria.....	<sup>3</sup> 5	<sup>3</sup> 62,366				1,127
Belgium.....	29,249	140,798				<sup>4</sup> 35,000
Czechoslovakia.....	3	84,898				<sup>4</sup> 4,000
France.....	31,120	1,239,561	6	10,478	136	24,778
Germany.....	38,288	483,566				
Greece.....	0	63,719		507		23,589
Hungary.....	0	43,438	0	0	0	0
Italy.....	335,639	1,400	331	0	1,210	1,653
Netherlands.....	187,911	378,363	0	0		4,500
Poland.....	20,315	92,923	0	1,638		
Portugal.....	186	16,641	97	6,997		11,455
Spain.....	<sup>3</sup> 11,695	<sup>3</sup> 81,733	14,291	73		6,614
Sweden.....	109	33,374	0	52	0	11
Switzerland.....	14	58,594	2	178	(*)	20,942
United Kingdom.....	12,202	311,174		16,585		10,383
Yugoslavia.....	<sup>3</sup> 153	47,168		180		
Total <sup>5</sup> .....	671,768	3,264,764	14,827	41,303	13,346	154,558
<b>Asia:</b>						
Iran.....	64,129	1,252	134,781	179	125,000	
Palestine.....	2,381	41,020				
Syria and Lebanon.....	18	37,646		9,684		
British Borneo.....		<sup>3</sup> 128,806				<sup>4</sup> 70,000
Burma.....	6,535,742		959,241		1,760,920	
Ceylon.....	7	1,219,294	1,098	568,284	1,214	581,062
China.....	26,840	870,994	1,559	<sup>4</sup> 460,000		673,020
Manchuria.....	<sup>3</sup> 10,485	<sup>3</sup> 178,904				
Formosa <sup>8</sup> .....	1,426,661	8,321		0	<sup>9</sup> 880,000	
French Indochina.....	3,232,998	11,519	216,827		148,429	
Hong Kong.....	602,314	1,075,402	0	182,000		<sup>4</sup> 200,000
India <sup>10</sup> .....	622,218	3,726,688		<sup>4</sup> 630,000		<sup>11</sup> 1,121,857
Japan <sup>12</sup> .....	231,632	4,122,395	0	35,024	0	6,614
Foreign.....		(594,735)				
From colonies <sup>8</sup> .....		(3,527,660)				
Korea <sup>8</sup> .....	2,367,393	72,735	0	0	0	89,313
Malayan Union.....	369,852	1,746,239	4,422	<sup>4</sup> 540,000	3,554	536,394
Netherlands Indies.....	73,737	499,118				215,605
Philippine Islands.....	1,316	130,886		258,236		159,895
Siam.....	2,920,437		983,913		846,720	
Total <sup>5</sup> .....	18,543,276	13,993,564	2,330,841	3,081,338	3,772,827	4,692,260
<b>South America:</b>						
Argentina.....	467	52,286	8,638			
Bolivia.....	0	18,371		25,079		<sup>2</sup> 15,000
Brazil.....	83,335	0	335,212		545,720	
British Guiana.....	34,296	5	50,671		44,943	
Chile.....	3	24,107	78,497		5,954	
Colombia.....	3	29,614	14,178			
Ecuador.....	25,685	4	129,709		136,659	
Peru.....	51	44,742	0	6,702		
Venezuela.....	0	32,924				33,009
Total <sup>5</sup> .....	158,269	205,267	628,510	58,752	734,776	48,982

See footnotes at end of table.

TABLE 40.—Rice, in terms of milled: International trade, average 1936-40, annual 1946 and 1947—Continued

Continent and country	Average 1936-40		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Africa:						
Algeria.....	4,918	65,224		4,435		
Belgian Congo.....	3,132	611	13,316		7,238	
Kenya and Uganda.....	827	24,536	147	38		
Tanganyika.....	980	21,805	157	45	4,800	
Egypt.....	276,601	4,150	<sup>13</sup> 321,693		361,490	1
French West Africa.....	534	180,336		324		65,871
Gold Coast.....	8	24,942	784	0		
Madagascar.....	15,942	3,848	11,971		2,645	3,307
Mauritius.....	34	123,091				
Nigeria.....		21,376	1,150	117		
Reunion.....		67,465		23,596		19,246
Tunisia.....		45,418		11		
Union of South Africa.....	0	139,021		31,215		
Total <sup>5</sup> .....	318,631	928,416	364,438	156,992	386,744	226,994
Oceania: Australia <sup>14</sup> .....	29,025	5,268	55,940	2	60,000	( <sup>6</sup> )
Total <sup>5</sup> .....	29,285	101,077	55,950	43,970	60,000	48,583
Estimated world total.....	19,983,407	19,278,209	4,194,000	3,911,000	<sup>15</sup> 5,995,000	6,031,000

<sup>1</sup> Preliminary.<sup>2</sup> Estimated on basis of import data of importing countries.<sup>3</sup> Less than 5-year average.<sup>4</sup> Estimated on basis of export data from exporting countries.<sup>5</sup> Including countries not shown.<sup>6</sup> Less than 500 pounds.<sup>7</sup> March 21-March 20 year.<sup>8</sup> Shipments to Japan from the prewar Japanese colonies, Formosa and Korea, comprised the principal rice trade of the three lands.<sup>9</sup> Estimated exportable surplus.<sup>10</sup> April-March through 1940-41.<sup>11</sup> Unofficial. India, including Pakistan to August 15, 1947.<sup>12</sup> November-October through 1939-40.<sup>13</sup> November-October 1945-46.<sup>14</sup> Year beginning July 1.<sup>15</sup> Due to incomplete reporting in exporting countries, reported imports exceed exports.

Office of Foreign Agricultural Relations. Prepared on the basis of official statistics of foreign governments and reports of United States foreign service officers. Includes milled, broken, semi-milled unconverted, and rough rice in terms of milled. For countries of Asia and Africa, rough rice is converted to terms of milled at 70 percent, and for other countries at 65 percent.

TABLE 41.—*Buckwheat: Acreage, production, value, and foreign trade, United States, 1929-47*

Year	Acreage seeded	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Foreign trade, including flour, year beginning September <sup>1</sup>		
							Domestic exports	Imports	Net exports
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels
1929.....		622	13.4	8,539					
1929.....	671	629	13.8	8,710	96.2	8,380	21	<sup>2</sup> 89	<sup>3</sup> 68
1930.....	635	574	12.1	6,967	78.8	5,493	115		115
1931.....	538	507	17.6	8,910	42.3	3,767	510		510
1932.....	476	454	14.8	6,727	43.4	2,917	16		16
1933.....	487	460	17.0	7,816	55.8	4,359	54		54
1934.....	510	475	18.9	8,994	58.5	5,257	43		43
1935.....	524	505	16.8	8,488	54.8	4,653	1	<sup>4</sup> 25	<sup>3</sup> 24
1936.....	417	379	17.0	6,440	85.1	5,481	2	140	<sup>3</sup> 138
1937.....	442	421	16.2	6,808	66.7	4,539	399	2	397
1938.....	466	443	15.1	6,763	53.9	3,647	324	2	322
1939.....		381	15.5	5,589					
1939.....	401	370	15.5	5,736	62.2	3,566	442	( <sup>5</sup> )	442
1940.....	420	388	16.7	6,476	53.8	3,482	17	5	12
1941.....	355	337	17.9	6,038	67.4	4,072	( <sup>5</sup> )	10	<sup>3</sup> 10
1942.....	403	375	17.7	6,636	84.6	5,613	6	42	<sup>3</sup> 36
1943.....	528	505	17.5	8,830	126.0	11,113	( <sup>5</sup> )	4	<sup>3</sup> 4
1944.....	539	515	17.8	9,166	101.0	9,290	27	( <sup>5</sup> )	27
1945.....	487	409	16.2	6,644	119.0	7,875	28	( <sup>5</sup> )	28
1946.....	416	391	18.2	7,124	148.0	10,517	290	( <sup>5</sup> )	290
1947 <sup>6</sup> .....	559	518	14.2	7,334	192.0	14,081			

<sup>1</sup> Compiled from Monthly Summary of Foreign Commerce of the United States and official records of the Department of Commerce. Buckwheat, general imports 1929; imports for consumption, 1935 to date. Buckwheat flour converted to terms of grain on the basis that 1 barrel of flour is the product of 7 bushels of grain.

<sup>2</sup> September-December 1929; not separately reported until 1935.

<sup>3</sup> Net imports.

<sup>4</sup> Imports for consumption beginning 1935.

<sup>5</sup> Less than 500 bushels.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 58.



TABLE 42.—*Buckwheat: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947*

State and division	Acreage seeded			Acreage harvested			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Maine.....	8	6	8	8	6	8	117	120	136	99	179	225
Vermont.....	1	1	1	1	1	1	21	22	14	99	173	215
New York.....	141	119	123	134	113	113	2,289	2,147	1,526	83	146	205
Pennsylvania.....	132	118	135	123	114	125	2,299	2,394	1,938	82	145	190
North Atlantic.....	282	244	267	266	234	247	4,732	4,683	3,614	82.7	146	198
Ohio.....	16	17	44	15	17	42	258	340	651	82	151	187
Indiana.....	11	7	19	11	6	18	146	90	252	80	142	185
Illinois.....	6	5	16	5	5	16	78	80	208	82	149	188
Michigan.....	33	24	63	26	18	57	401	243	741	77	146	190
Wisconsin.....	16	21	24	15	19	22	220	266	330	80	155	192
Minnesota.....	30	48	62	27	42	54	365	588	648	71	140	185
Iowa.....	4	3	10	4	3	10	60	45	120	79	150	186
Missouri.....	1	1	2	1	1	2	12	11	22	82	150	185
North Dakota.....	7	6	8	5	6	7	52	78	105	73	144	195
South Dakota.....	4	5	9	3	5	8	31	70	88	65	143	185
North Central.....	127	137	257	112	122	236	1,621	1,811	3,165	76.6	146	188
Maryland.....	5	5	5	5	5	5	104	118	78	85	161	175
Virginia.....	8	6	6	8	6	6	126	105	96	94	156	180
West Virginia.....	13	8	8	13	8	8	231	152	140	94	154	185
North Carolina.....	4	3	3	4	3	3	65	48	51	98	184	187
South Atlantic.....	31	22	22	31	22	22	530	423	365	-92.5	160	182
Kentucky.....	2	3	2	2	3	2	24	42	30	93	152	180
Tennessee.....	3	10	11	3	10	11	46	165	160	96	165	175
South Central.....	5	13	13	5	13	13	70	207	190	95.3	162	176
United States.....	446	416	559	415	391	518	6,954	7,124	7,334	82.0	148	192

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 43.—*Buckwheat: Production and farm disposition, United States, 1938-47*

Crop of—	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold	Crop of—	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown						Total	On farms where grown			
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.		1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1938.....	6,763	397	267	3,724	249	2,523	1943.....	8,830	564	349	5,544	147	2,790
1939.....	5,736	412	242	3,193	185	2,116	1944.....	9,166	505	328	5,823	112	2,903
1940.....	6,476	358	242	3,873	172	2,189	1945.....	6,644	438	295	4,160	92	2,097
1941.....	6,038	403	229	3,881	125	1,803	1946.....	7,124	578	332	4,229	91	2,472
1942.....	6,636	552	270	3,920	133	2,313	1947 <sup>1</sup> .....	7,334	463	319	4,096	98	2,821

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 44.—Buckwheat: Production and farm disposition, by States, crops of 1946 and 1947<sup>1</sup>

State	Crop of 1946						Crop of 1947 <sup>1</sup>					
	Pro- duction	Used for seed		Fed to live- stock	Ground at mill for home use or ex- changed for flour	Sold	Pro- duction	Used for seed		Fed to live- stock	Ground at mill for home use or ex- changed for flour	Sold
		Total	On farms where grown					Total	On farms where grown			
	1,000 bu.	10,000 bu.	10,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
Maine.....	120	14	9	46	35	30	136	12	8	55	36	37
Vermont.....	22	1	1	16	1	4	14	1	1	9	1	3
New York.....	2,147	123	86	1,280	8	773	1,526	111	78	832	6	610
Pennsylvania.....	2,394	162	113	1,596	15	670	1,938	148	110	1,301	23	504
Ohio.....	340	48	14	222	2	102	651	20	12	363	3	273
Indiana.....	90	17	8	46	-----	36	252	9	6	95	-----	151
Illinois.....	80	16	5	47	-----	28	208	5	4	121	-----	83
Michigan.....	243	50	10	115	1	117	741	19	11	335	2	393
Wisconsin.....	266	24	16	143	1	106	330	21	14	183	1	132
Minnesota.....	588	56	28	147	1	412	648	56	34	224	1	389
Iowa.....	45	9	4	32	-----	9	120	3	2	76	-----	42
Missouri.....	11	2	1	8	-----	2	22	1	-----	11	-----	11
North Dakota.....	78	7	4	27	-----	47	105	7	4	38	-----	63
South Dakota.....	70	9	4	31	-----	35	88	9	5	43	-----	40
Maryland.....	118	6	5	77	6	30	78	6	5	48	5	20
Virginia.....	105	7	5	85	5	10	96	7	5	77	4	17
West Virginia.....	152	11	8	119	10	15	140	11	8	105	10	17
North Carolina.....	48	3	2	38	3	5	51	3	2	41	3	5
Kentucky.....	42	2	1	32	1	8	30	3	2	21	1	6
Tennessee.....	165	11	8	122	2	33	160	11	8	118	2	32
United States..	7,124	578	332	4,229	91	2,472	7,334	463	319	4,096	98	2,821

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 45.—Corn: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage planted	Acreage harvested	Yield per harvested acre, all corn <sup>1</sup>	Production		Season average price per bushel received by farmers	Farm value	Average price per bushel at Chicago, year beginning October <sup>2</sup>	Foreign trade, including meal, year beginning October <sup>3</sup>				
				All corn <sup>4</sup>	Harvested as grain				Domestic exports	Imports	Net exports <sup>4</sup>		
												1,000 acres	1,000 acres
1929		97,741	<sup>5</sup> 25.6	2,130,752	2,130,752								
1929	99,130	97,805	25.7	2,515,937	2,135,038	79.9	2,010,201	84	8,963	846	8,119		
1930	103,915	101,465	20.5	2,080,130	1,757,297	59.8	1,244,318	62	3,119	1,386	1,733		
1931	109,364	106,866	24.1	2,575,927	2,229,903	32.1	826,438	36	4,436	377	4,058		
1932	113,024	110,577	26.5	2,930,352	2,578,685	31.6	926,700	34	8,886	173	8,713		
1933	109,830	105,918	22.6	2,397,593	2,104,725	52.0	1,246,777	50	4,812	883	3,929		
1934		87,476	<sup>5</sup> 18.8	1,169,438									
1934	100,563	92,193	15.7	1,448,920	1,146,734	81.5	1,181,479	86	1,143	36,955	<sup>6</sup> 35,812		
1935	99,974	95,974	24.0	2,299,363	2,001,367	65.5	1,506,281	74	867	21,096	<sup>6</sup> 20,229		
1936	101,959	93,154	16.2	1,505,689	1,258,673	104.4	1,571,859	121	432	103,670	<sup>6</sup> 103,238		
1937	97,174	93,930	28.1	2,642,978	2,349,425	<sup>7</sup> 51.8	1,368,474	57	139,893	1,819	138,074		
1938	94,473	92,160	27.7	2,548,753	2,300,095	<sup>7</sup> 48.6	1,239,619	48	34,369	442	33,927		
1939		86,990	<sup>5</sup> 29.9	2,311,400									
1939	91,639	88,279	29.2	2,580,985	2,341,602	<sup>7</sup> 56.8	1,465,117	54	44,284	1,110	43,174		
1940	88,692	86,429	28.4	2,457,146	2,206,882	<sup>7</sup> 61.8	1,518,719	67	14,849	1,269	13,580		
1941	86,837	85,357	31.1	2,651,889	2,414,445	<sup>7</sup> 75.1	1,991,103	79	19,998	565	19,433		
1942	88,818	87,367	35.1	3,068,562	2,801,819	<sup>7</sup> 91.7	2,813,772	91	5,176	407	4,769		
1943	94,341	92,060	32.2	2,965,980	2,668,490	<sup>7</sup> 112.0	3,328,496	114	10,269	3,688	6,581		
1944		92,259	<sup>5</sup> 30.2	2,788,432									
1944	95,475	94,014	32.8	3,088,110	2,801,993	<sup>7</sup> 109.0	3,353,386	115	17,128	6,065	11,063		
1945	89,727	88,079	32.7	2,880,933	2,593,752	127.0	3,670,557	194	15,884	595	15,289		
1946	89,788	88,489	36.7	3,249,950	2,951,147	156.0	5,081,927	180	90,072	560			
1947 <sup>8</sup>	86,168	83,981	28.6	2,400,952	2,153,326	226.0	5,432,785	233					

<sup>1</sup> Yield and production represent equivalent grain yield on total acres harvested for all purposes, i.e., grain, silage, fodder, hogged off, grazed, etc.

<sup>2</sup> Compiled from the Chicago Daily Trade Bulletin through May 1942; Chicago Journal of Commerce beginning June 1942; average of daily prices weighted by carlot sales, No. 3 yellow.

<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, and official records of the Department of Commerce. Corn—general imports 1929-32; imports for consumption beginning 1933. Corn meal—imports and reexports not separately reported, 1929-32, imports reported beginning 1933. Corn meal converted to terms of grain on the basis of 4 bushels of corn to barrel of meal through December 1945; beginning Jan. 1946, 100 pounds meal is equivalent of 3.16 bushels grain. These data exclude a small amount of cracked corn imported beginning 1933.

<sup>4</sup> Total exports (domestic plus foreign) minus total imports. Beginning 1933 net exports are domestic exports minus imports for consumption.

<sup>5</sup> Yield of corn harvested for grain.

<sup>6</sup> Net imports—i.e., total imports minus total exports (domestic plus foreign). Beginning 1933 net imports are imports for consumption minus domestic exports.

<sup>7</sup> Includes an allowance for unredeemed loans at average loan value.

<sup>8</sup> Preliminary

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 62.

TABLE 46.—Corn, all: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and division	Acreage planted			Acreage harvested			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45 <sup>3</sup>	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents	Cents
Maine.....	14	11	10	14	11	10	337	407	400	103	199	275
New Hampshire.....	14	13	12	14	13	12	578	533	528	105	199	270
Vermont.....	68	58	48	68	58	48	2,608	2,320	1,920	105	199	270
Massachusetts.....	42	38	37	41	38	37	1,705	1,748	1,702	106	201	270
Rhode Island.....	9	8	8	9	8	8	330	312	352	106	201	270
Connecticut.....	49	50	48	49	50	48	1,966	2,200	2,304	106	201	270
New York.....	679	689	634	672	653	622	23,748	26,637	20,215	107	167	245
New Jersey.....	193	190	181	192	189	180	7,291	8,505	7,740	102	176	245
Pennsylvania.....	1,342	1,397	1,369	1,332	1,380	1,352	53,974	59,340	57,460	100	180	240
North Atlantic.....	2,409	2,454	2,347	2,391	2,430	2,317	92,736	102,002	92,621	101	178	244
Ohio.....	3,493	3,671	3,414	3,469	3,641	3,386	157,149	178,409	138,826	84	156	225
Indiana.....	4,297	4,600	4,467	4,269	4,582	4,445	186,996	233,682	191,135	81	149	220
Illinois.....	8,417	8,945	8,802	8,349	8,873	8,696	380,023	505,761	343,492	81	151	229
Michigan.....	1,622	1,830	1,630	1,609	1,804	1,606	55,526	50,512	44,165	87	170	235
Wisconsin.....	2,421	2,571	2,545	2,400	2,545	2,520	91,368	111,980	105,840	86	164	225
Minnesota.....	4,956	5,514	5,349	4,886	5,452	5,234	185,498	239,888	191,041	73	140	220
Iowa.....	10,260	11,172	10,877	10,178	11,134	10,355	481,458	634,638	331,360	78	153	232
Missouri.....	4,498	4,466	4,377	4,328	4,415	4,018	118,154	163,355	98,441	86	151	240
North Dakota.....	1,161	1,245	1,220	1,064	1,213	1,189	21,260	26,080	24,374	68	128	215
South Dakota.....	3,573	4,097	4,097	3,140	4,010	3,970	64,525	120,300	75,430	74	141	220
Nebraska.....	7,986	8,062	7,578	7,528	7,978	7,340	153,843	231,362	143,130	79	151	225
Kansas.....	3,313	3,154	2,523	2,852	3,011	2,379	54,852	63,231	40,443	84	154	235
North Central.....	55,998	59,327	56,879	54,072	58,658	55,138	1,950,652	2,559,198	1,727,677	79.6	151	227
Delaware.....	142	145	141	140	144	140	3,894	4,536	4,550	92	161	225
Maryland.....	487	458	458	482	456	456	10,669	17,328	16,416	91	160	220
Virginia.....	1,346	1,125	1,136	1,329	1,119	1,130	34,900	40,284	42,940	104	182	225
West Virginia.....	401	306	309	398	303	306	11,896	10,302	12,546	107	186	230
North Carolina.....	2,376	2,193	2,160	2,353	2,160	2,138	49,302	58,320	65,209	102	185	210
South Carolina.....	1,645	1,452	1,408	1,632	1,447	1,404	24,290	27,493	28,080	101	173	205
Georgia.....	4,003	3,313	3,237	3,944	3,270	3,205	44,229	44,145	48,075	104	182	210
Florida.....	736	703	698	724	691	691	7,512	6,910	8,638	106	189	215
South Atlantic.....	11,136	9,665	9,547	11,003	9,590	9,470	192,693	209,318	226,454	102	180	215
Kentucky.....	2,595	2,253	2,185	2,567	2,246	2,179	66,809	81,979	76,265	99	180	225
Tennessee.....	2,628	2,207	2,200	2,601	2,189	2,189	63,227	65,670	63,481	100	186	225
Alabama.....	3,329	2,743	2,789	3,282	2,710	2,764	44,255	42,005	42,842	106	188	230
Mississippi.....	2,906	2,417	2,320	2,824	2,210	2,254	45,046	36,465	37,191	98	188	230
Arkansas.....	2,038	1,509	1,388	1,973	1,472	1,325	33,723	30,912	22,525	93	166	230
Louisiana.....	1,464	1,040	990	1,417	1,000	960	22,091	15,000	13,920	94	179	225
Oklahoma.....	1,814	1,534	1,319	1,704	1,479	1,272	27,644	25,882	22,890	85	154	220
Texas.....	4,664	3,267	2,973	4,538	3,236	2,945	71,963	55,012	48,592	83	154	215
South Central.....	21,439	16,970	16,164	20,904	16,542	15,888	374,758	352,925	327,712	94.9	176	225
Montana.....	195	190	177	169	180	166	2,643	2,520	2,988	85	150	220
Idaho.....	44	27	26	42	26	25	1,837	1,092	1,125	96	156	235
Wyoming.....	156	73	69	136	68	65	1,664	1,122	1,235	92	154	230
Colorado.....	1,096	717	638	955	683	608	13,098	14,343	13,984	84	146	230
New Mexico.....	216	160	155	188	141	141	2,551	2,256	1,904	100	188	240
Arizona.....	36	34	34	35	32	32	375	352	352	112	203	285
Utah.....	26	22	25	25	21	25	702	588	950	107	188	235
Nevada.....	3	2	2	3	2	2	86	70	64	111	190	240
Washington.....	29	17	15	29	17	15	1,099	884	795	94	161	240
Oregon.....	57	33	28	55	32	27	1,789	1,136	1,107	98	167	255
California.....	75	67	62	75	67	62	2,419	2,144	1,984	107	170	280
Western.....	1,932	1,342	1,231	1,713	1,269	1,168	28,264	26,507	26,488	90.7	156	236
United States.....	92,914	89,788	86,168	90,083	88,489	83,981	2,639,102	3,249,950	2,400,952	83.8	156	226

<sup>1</sup> Relates to corn for all purposes, i.e., grain, silage, fodder, hogged off, grazed, etc.<sup>2</sup> Preliminary.<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.

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TABLE 47.—Corn: Utilization for grain, silage, hogging down, grazing, and forage, by States, 1946 and 1947

State and division	1946					1947 <sup>1</sup>				
	For grain		For silage		Hogging down, grazing, and forage acreage	For grain		For silage		Hogging down, grazing, and forage acreage
	Acreage harvested	Production	Acreage harvested	Production		Acreage harvested	Production	Acreage harvested	Production	
	1,000 acres	1,000 bushels	1,000 acres	1,000 tons	1,000 acres	1,000 acres	1,000 bushels	1,000 acres	1,000 tons	1,000 acres
Maine.....	3	111	7	80	1	2	80	7	77	1
New Hampshire.....	3	123	9	104	1	2	88	9	104	1
Vermont.....	3	120	52	520	3	2	80	44	418	2
Massachusetts.....	6	276	30	315	2	6	276	29	334	2
Rhode Island.....	1	39	6	60	1	1	44	6	57	1
Connecticut.....	9	396	38	418	3	9	432	37	426	2
New York.....	157	6,123	465	4,324	61	132	4,554	432	3,629	58
New Jersey.....	125	5,625	59	531	5	122	5,246	52	4,688	6
Pennsylvania.....	1,078	46,354	273	2,457	29	1,082	45,985	250	2,125	20
North Atlantic.....	1,385	59,167	939	8,809	106	1,358	56,785	866	7,638	93
Ohio.....	3,405	166,845	127	1,080	109	3,098	127,018	183	1,372	105
Indiana.....	4,445	226,695	78	663	59	4,303	185,029	89	623	53
Illinois.....	8,553	487,521	169	1,589	151	8,296	327,692	209	1,547	191
Michigan.....	1,335	38,715	289	1,734	180	1,140	32,490	289	1,763	177
Wisconsin.....	1,247	56,738	1,222	9,409	76	1,285	57,182	1,185	9,598	50
Minnesota.....	4,323	196,696	692	5,744	437	4,187	159,106	680	4,896	367
Iowa.....	10,600	604,200	178	1,869	356	9,547	310,278	280	1,792	528
Missouri.....	4,239	158,962	44	286	132	3,777	94,425	80	400	161
North Dakota.....	437	10,051	145	493	631	523	10,983	143	543	523
South Dakota.....	3,529	109,399	48	288	433	3,454	69,080	63	340	453
Nebraska.....	7,579	223,580	80	424	319	6,973	139,460	73	277	294
Kansas.....	2,469	54,318	211	802	331	1,986	35,748	155	574	238
North Central.....	52,161	2,333,720	3,283	24,381	3,214	48,569	1,548,491	3,429	23,725	3,140
Delaware.....	140	4,410	3	32	1	136	4,420	3	27	1
Maryland.....	416	15,808	35	332	5	419	15,084	33	314	4
Virginia.....	1,066	38,376	34	323	19	1,054	40,052	47	470	2
West Virginia.....	293	9,962	7	70	3	295	12,095	8	80	3
North Carolina.....	2,106	56,862	15	128	39	2,080	63,440	15	138	43
South Carolina.....	1,415	26,885	3	16	29	1,365	27,300	4	22	35
Georgia.....	3,064	41,364	10	50	196	2,939	44,085	10	50	256
Florida.....	560	5,600	6	30	125	546	6,825	6	33	139
South Atlantic.....	9,060	199,267	113	981	417	8,834	213,301	126	1,134	510
Kentucky.....	2,201	80,336	16	144	29	2,136	74,760	15	150	28
Tennessee.....	2,125	63,750	18	126	46	2,123	61,567	18	126	48
Alabama.....	2,640	40,920	5	22	65	2,670	41,385	8	40	86
Mississippi.....	2,173	35,854	4	22	33	2,211	36,482	5	30	38
Arkansas.....	1,435	30,135	2	9	35	1,267	21,539	2	9	56
Louisiana.....	975	14,625	2	8	23	941	13,644	2	8	17
Oklahoma.....	1,427	24,972	8	36	44	1,221	21,978	8	32	43
Texas.....	3,158	53,686	13	52	65	2,877	47,470	15	48	53
South Central.....	16,134	344,278	68	419	340	15,446	318,825	73	443	369
Montana.....	13	273	7	28	160	14	308	7	32	145
Idaho.....	17	714	7	84	2	16	720	7	74	2
Wyoming.....	27	486	3	18	38	26	533	4	26	35
Colorado.....	444	8,880	68	442	171	474	10,428	64	480	70
New Mexico.....	118	2,006	5	25	18	120	1,740	4	18	17
Arizona.....	24	276	3	22	5	24	276	3	21	5
Utah.....	4	116	11	99	6	3	114	15	142	7
Nevada.....	1	35	1	10	-----	1	32	1	10	-----
Washington.....	7	371	6	63	4	6	324	6	69	3
Oregon.....	12	438	11	88	9	12	504	10	100	5
California.....	32	1,120	25	250	10	27	945	25	250	10
Western.....	699	14,715	147	1,129	423	723	15,924	146	1,222	299
United States.....	79,439	2,951,147	4,550	35,719	4,500	74,930	2,153,326	4,640	34,162	4,411

<sup>1</sup> Preliminary.

TABLE 48.—Corn: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1945-47 1

Continent and country	Acreage 2			Yield per acre 3				Production				
	Average 1935-39	1945	1946	1947 4	Average 1935-39	1945	1946	1947 4	Average 1935-39	1945	1946	1947 4
<b>North America:</b>												
Canada.....	172	237	252	176	40.8	43.7	42.3	38.0	7,040	10,365	10,661	1,000 bushels 6,682
Guatemala.....	1,000	1,200			15.7	14.9			15,700	17,900		
Honduras.....	5 238				14.0				3,717			
Mexico.....	7,501	8,527	8,187	8,154	9.0	10.1	11.5	10.6	67,523	86,066	93,799	86,609
Nicaragua.....	5 86				17.4	17.8	15.5	18.6	1,500	3,544	2,143	3,214
United States.....	92,699	88,079	88,469	83,981	25.0	32.7	36.7	28.6	2,315,554	2,890,933	3,249,950	2,400,952
Cuba.....	360	360	400	400	16.7	14.5	15.6	15.0	6,000	5,214	6,250	6,000
Estimated total 6	103,230	100,400	100,460	95,870					2,432,000	3,029,000	3,405,000	2,546,000
<b>Europe:</b>												
Albania.....	235	205	250	250	21.6	16.6	20.0	22.0	5,067	3,400	5,000	5,500
Austria.....	163				41.3				6,732			
Bulgaria.....	7 1,733	1,798	1,791		18.0	5.1	9.8	21.1	7 31,173	9,183	17,606	35,000
Czechoslovakia.....	5 395	350	340	285	28.6		20.6	13.3	5 11,300	6,300	7,000	6,000
France.....	839	529	603	675	26.9	11.9	16.6	16.6	22,559		10,000	9,000
Germany.....	85				47.1				4,000			
Greece.....	650	509	653	618	15.5	12.4	12.1	16.2	10,078	6,300	7,900	10,000
Hungary.....	2,925	3,016	2,900	3,016	31.5	24.4	18.5	24.3	92,007	73,657	53,680	73,000
Italy.....	3,595	3,550	3,200	3,200	31.5	20.9	27.1	28.9	113,174	70,000	86,600	92,500
Portugal.....	9,997	1,089	1,320	1,310	13.1	11.2	12.7	12.0	13,083	12,204	16,700	15,700
Rumania.....	9,870				17.4				172,000			
Spain.....	8 1,086	872	915	900	26.7	21.3	22.7	20.2	8 28,955	18,562	20,802	20,000
Yugoslavia.....	6,615				26.7				176,600			
Estimated total 6	29,200	26,140	26,430	30,070	17.0		12.3	17.4	687,000	460,000	400,000	680,000
U. S. S. R. (Europe and Asia).....	10,000	6,500	7,200						170,000		80,000	125,000
<b>Asia:</b>												
Turkey.....	1,098	1,428	1,260	1,397	20.9	8.1	18.6	15.5	22,971	11,603	23,419	21,664
Burma.....	217				7.6				1,640			
China.....	5 12,000	14,200	14,100	14,000	21.8	22.2	21.3	20.4	5 262,000	315,000	301,000	286,000
Manchuria.....	3,720	7,705			23.3	21.1			86,586	162,295		
French Indochina.....	1,019				20.8				21,108			
India and Pakistan.....	8,265	9,500	9,670	9,610	13.1	12.1	11.7	11.2	108,000	115,000	112,760	107,520
Japan.....	5 128				23.6				5 3,017	4,134		
Korea.....	5 321				13.0				5 4,177			
Java and Madura.....	5,150				15.5				79,976			
Philippine Islands.....	1,718	1,291	1,483		9.4		9.2	11.7	16,129		11,823	17,322
Estimated total 6	33,840	40,860	38,320	38,520					608,000	717,000	648,000	638,000



TABLE 49.—*Corn hybrids: Percentage of total corn acreage planted with hybrid seed, North Central States and United States, 1933-48*

Year	North Central States	United States	Year	North Central States	United States
	Percent	Percent		Percent	Percent
1933.....	0.2	0.1	1941.....	65.0	39.3
1934.....	.6	.4	1942.....	73.0	46.4
1935.....	1.9	1.1	1943.....	78.1	52.4
1936.....	5.1	3.1	1944.....	83.5	59.2
1937.....	12.0	7.9	1945.....	88.1	64.4
1938.....	25.4	14.9	1946.....	90.8	68.6
1939.....	38.6	22.5	1947.....	92.8	72.1
1940.....	51.8	30.5	1948 <sup>1</sup> .....	93.7	75.1

<sup>1</sup> Preliminary.

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TABLE 50.—*Corn hybrids: Percentage of total corn acreage planted with hybrid seed, by States, 1945-48*

State	1945	1946	1947	1948 <sup>1</sup>	State	1945	1946	1947	1948 <sup>1</sup>
	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent
Maine.....	32.0	45.0	57.0	72.0	North Carolina.....	3.2	5.5	14.0	24.0
New Hampshire.....	45.0	52.0	62.0	75.0	South Carolina.....	1.3	2.5	6.5	13.0
Vermont.....	46.0	53.0	58.0	70.0	Georgia.....	1.7	2.5	5.0	9.0
Massachusetts.....	52.0	62.0	68.0	80.0	Florida.....	10.6	7.5	9.0	14.0
Rhode Island.....	60.0	65.0	68.0	78.0	Kentucky.....	64.8	73.0	77.0	81.5
Connecticut.....	60.0	65.0	68.0	80.0	Tennessee.....	14.9	23.0	30.0	38.0
New York.....	40.6	58.0	69.0	73.0	Alabama.....	2.4	3.0	5.5	9.5
New Jersey.....	74.6	81.0	86.0	83.0	Mississippi.....	4.8	5.5	12.0	16.0
Pennsylvania.....	76.2	74.0	80.5	84.0	Arkansas.....	28.3	39.0	46.0	51.0
Ohio.....	95.9	97.0	97.5	98.0	Louisiana.....	4.8	8.0	15.0	17.5
Indiana.....	98.1	98.5	99.0	99.0	Oklahoma.....	15.0	27.0	40.5	55.5
Illinois.....	98.1	99.0	99.5	99.5	Texas.....	11.8	23.0	35.5	50.0
Michigan.....	79.6	85.0	87.5	89.0	Montana.....	5.0	12.0	15.0	18.5
Wisconsin.....	88.8	92.0	92.0	94.0	Idaho.....	55.6	48.0	60.5	66.0
Minnesota.....	91.2	94.0	94.0	94.5	Wyoming.....	5.2	7.0	8.0	8.0
Iowa.....	99.9	100.0	100.0	100.0	Colorado.....	25.6	30.0	34.0	51.5
Missouri.....	87.7	90.5	93.0	95.0	New Mexico.....	8.0	9.0	9.5	8.5
North Dakota.....	31.9	47.0	48.0	49.5	Arizona.....	3.3	3.0	3.5	3.5
South Dakota.....	62.8	62.0	70.0	70.5	Utah.....	51.3	54.0	62.0	65.0
Nebraska.....	85.1	89.0	93.0	93.5	Nevada.....	37.8	41.0	45.5	45.5
Kansas.....	62.0	73.0	79.5	84.0	Washington.....	54.0	51.0	69.0	75.0
Delaware.....	46.1	67.0	75.5	83.0	Oregon.....	55.0	64.0	73.5	77.0
Maryland.....	64.9	75.0	90.0	90.0	California.....	21.8	30.0	41.5	47.0
Virginia.....	40.3	55.0	67.5	76.0					
West Virginia.....	40.4	53.0	57.0	64.0	United States.....	64.4	68.6	72.1	75.1

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for earlier years in Agricultural Statistics, 1947, table 48, and Agricultural Statistics, 1945, table 46.

TABLE 51.—*Corn: Production and farm disposition, United States, 1938-47*

Crop of—	Production for all purposes	Feed and Seed	For farm household use	Sold	Crop of—	Production for all purposes	Feed and Seed	For farm household use	Sold
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	2,548,753	1,945,469	28,051	575,233	1943.....	2,965,980	2,392,950	21,053	551,977
1939.....	2,580,985	1,973,429	25,904	581,652	1944.....	3,088,110	2,366,274	19,486	702,350
1940.....	2,547,146	1,945,331	25,192	486,623	1945.....	2,880,933	2,256,332	18,647	605,954
1941.....	2,651,889	2,087,392	23,099	541,398	1946.....	3,249,950	2,404,583	17,171	828,196
1942.....	3,068,562	2,467,617	21,583	579,362	1947 <sup>1</sup> .....	2,400,952	1,866,872	17,012	517,068

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.



TABLE 52.—Corn: Production and farm disposition, by States, crops of 1946 and 1947<sup>1</sup>

State	Crop of 1946				Crop of 1947 <sup>1</sup>			
	Production for all purposes	Feed and seed	For farm household use	Sold	Production for all purposes	Feed and seed	For farm household use	Sold
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Maine.....	407	403	1	3	400	397	1	2
New Hampshire.....	533	530	1	2	528	525	1	2
Vermont.....	2,320	2,318	1	1	1,920	1,918	1	1
Massachusetts.....	1,748	1,739	1	8	1,702	1,693	1	8
Rhode Island.....	312	310	-----	2	352	350	-----	2
Connecticut.....	2,200	2,190	1	9	2,304	2,292	1	11
New York.....	26,637	26,324	7	306	20,215	19,937	5	273
New Jersey.....	8,505	7,433	3	1,069	7,740	6,845	3	892
Pennsylvania.....	59,340	51,384	76	7,880	57,460	50,026	76	7,358
Ohio.....	178,409	149,946	99	28,364	138,826	118,406	97	20,323
Indiana.....	233,682	183,745	64	49,873	191,135	150,365	64	40,706
Illinois.....	505,761	266,843	33	238,885	343,492	199,275	33	144,184
Michigan.....	50,512	46,619	21	3,872	44,165	41,383	20	2,762
Wisconsin.....	111,980	106,284	22	5,674	105,840	98,956	22	6,862
Minnesota.....	239,888	192,659	22	47,207	191,041	152,835	21	38,185
Iowa.....	634,638	453,359	19	181,260	331,360	269,285	19	62,056
Missouri.....	163,355	139,413	98	23,844	98,441	84,187	90	14,164
North Dakota.....	26,080	24,469	3	1,608	24,374	22,614	3	1,757
South Dakota.....	120,300	85,281	11	35,008	75,430	57,458	11	17,961
Nebraska.....	231,362	135,205	18	96,139	143,130	91,512	18	51,600
Kansas.....	63,231	45,836	13	17,382	40,443	31,139	10	9,294
Delaware.....	4,536	3,382	7	1,147	4,550	3,084	7	1,469
Maryland.....	17,328	12,700	44	4,584	16,416	11,998	44	4,374
Virginia.....	40,284	32,495	1,265	6,524	42,940	33,275	1,254	8,411
West Virginia.....	10,302	9,165	290	847	12,546	11,120	277	1,149
North Carolina.....	58,320	49,048	1,880	7,392	65,209	52,544	1,880	10,785
South Carolina.....	27,493	22,738	1,260	3,495	28,080	22,745	1,240	4,095
Georgia.....	44,145	37,005	2,590	4,550	48,075	38,942	2,520	6,613
Florida.....	6,910	6,002	348	560	8,638	7,471	348	819
Kentucky.....	81,979	69,577	1,155	11,247	76,265	62,422	1,134	12,709
Tennessee.....	65,670	55,095	1,650	8,925	63,481	50,749	1,650	11,082
Alabama.....	42,005	33,651	2,625	5,729	42,842	33,979	2,655	6,208
Mississippi.....	36,465	31,631	2,145	2,689	37,191	31,343	2,200	3,648
Arkansas.....	30,912	27,713	336	2,863	22,525	19,425	300	2,800
Louisiana.....	15,000	13,769	280	951	13,920	12,831	270	819
Oklahoma.....	25,882	19,729	160	5,993	22,896	18,800	140	3,956
Texas.....	55,012	38,396	510	16,106	48,592	34,346	480	13,766
Montana.....	2,520	2,490	-----	30	2,988	2,954	-----	34
Idaho.....	1,092	849	-----	243	1,125	902	-----	223
Wyoming.....	1,122	1,103	-----	19	1,235	1,192	-----	43
Colorado.....	14,343	9,723	2	4,618	13,984	9,394	2	4,588
New Mexico.....	2,256	1,775	20	461	1,904	1,497	24	383
Arizona.....	352	221	90	41	352	221	90	41
Utah.....	588	580	-----	8	950	939	-----	11
Nevada.....	70	67	-----	3	64	61	-----	3
Washington.....	884	847	-----	37	795	763	-----	32
Oregon.....	1,136	1,092	-----	44	1,107	1,041	-----	66
California.....	2,144	1,450	-----	694	1,984	1,436	-----	548
United States.....	3,249,950	2,404,583	17,171	828,196	2,400,952	1,866,872	17,012	517,068

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 53.—Corn: Stocks on and off farms, United States, 1938-48

Year	On farms				Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	1,671,190	1,068,758	640,050	351,539	-----	-----	-----	-----
1939.....	1,814,936	1,217,102	846,208	553,793	-----	-----	-----	-----
1940.....	1,908,654	1,267,842	846,966	541,444	-----	-----	-----	-----
1941.....	1,835,888	1,198,382	754,527	473,540	-----	-----	-----	-----
1942.....	2,002,290	1,281,682	757,779	422,026	-----	-----	-----	-----
1943.....	2,214,310	1,357,384	791,039	355,224	-----	114,797	40,021	28,877
1944.....	1,932,862	1,073,102	551,672	202,670	52,923	48,141	34,410	28,325
1945.....	2,066,986	1,289,536	718,261	293,419	56,539	65,880	35,854	21,891
1946.....	1,858,960	1,032,856	496,928	153,003	45,136	58,270	35,229	19,923
1947.....	2,136,640	1,276,329	677,375	254,210	71,651	81,769	39,634	31,218
1948 <sup>3</sup> .....	1,517,901	849,198	426,533	-----	49,186	39,863	31,232	-----

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins.

<sup>2</sup> Includes old crop only.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1927-37, in Agricultural Statistics, 1943, table 40.

TABLE 54.—Corn processed and sales of specified products by the wet-process industry, United States, 1938-47

Year	Wet-process grindings	Products sold							
		Corn starch	Corn sugar	Corn sirup, unmixed <sup>1</sup>	Dex-trines	Corn oil		Feed	
						Crude	Refined	Gluten feed and meal	Corn-oil meal
	<i>1,000 bushels</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1938.....	73,322	912,225	412,479	1,080,266	80,581	15,361	113,851	518	22
1939.....	77,244	1,015,440	458,762	1,142,488	91,430	31,673	103,583	592	28
1940.....	81,710	1,093,643	470,469	1,178,236	98,947	28,859	130,807	624	30
1941.....	110,300	1,530,986	657,454	1,251,212	145,817	25,271	142,026	819	39
1942.....	130,358	1,546,979	770,684	2,025,352	134,678	35,284	206,123	1,013	55
1943.....	128,455	1,530,649	722,420	1,799,809	188,435	56,659	165,064	914	63
1944.....	119,959	1,240,483	684,803	1,816,326	169,790	40,134	146,526	827	55
1945.....	118,942	1,237,602	665,459	1,837,902	148,975	29,183	144,543	824	54
1946.....	120,611	1,282,726	647,902	1,837,280	140,630	30,561	136,778	872	59
1947 <sup>2</sup> .....	139,273	1,509,289	785,293	1,983,006	162,429	40,630	181,226	1,015	63

<sup>1</sup> Includes corn sirup, unmixed, sold to mixers outside of the wet-process industry, and the quantity used by the wet-process industry in its mixed sirups.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Compiled from reports of Price, Waterhouse, and Co., New York.

TABLE 55.—Corn: Supply and distribution in the United States, 1938-47

## SUPPLY

Year beginning October—	Carry-over Oct. 1					Production for all purposes	Imports <sup>2</sup>	Total supply
	Farm	Terminal market <sup>1</sup>	Owned by Government <sup>2</sup>	Interior mills, elevators, and warehouses	Total			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	351,539	9,899	-----	-----	4 361,438	2,548,753	442	4 2,910,633
1939.....	553,793	14,947	15,000	-----	4 583,740	2,580,985	1,110	4 3,165,835
1940.....	541,444	41,179	105,000	-----	4 687,623	2,457,146	1,269	4 3,146,038
1941.....	473,540	39,137	132,000	-----	4 644,677	2,651,889	565	4 3,297,131
1942.....	422,026	38,641	30,021	-----	4 496,688	3,068,562	407	4 3,559,667
1943.....	355,224	7,452	477	20,948	384,101	2,965,980	3,688	3,553,769
1944.....	202,670	7,478	534	20,313	230,995	3,088,110	6,065	3,325,170
1945.....	293,419	4,674	19	17,198	315,310	2,880,933	618	3,196,861
1946.....	153,003	4,944	-----	14,979	172,926	3,249,950	566	3,423,442
1947 <sup>5</sup> .....	254,210	7,910	-----	23,308	285,428	2,400,952	-----	-----

## DISTRIBUTION

Year beginning October—	Dry-process products			Wet-process products <sup>8</sup>	Alcohol and distilled spirits <sup>9</sup>	Seed <sup>10</sup>	Feed, other uses, and waste <sup>11</sup>	Exports <sup>3</sup>	Total disappearance	Domestic disappearance <sup>12</sup>	Stocks, end of year
	Breakfast foods <sup>6</sup>	Farm household use	Corn meal, grits, etc. <sup>7</sup>								
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	7,151	28,051	40,843	75,531	17,962	14,728	2,108,747	33,880	2,326,893	2,292,524	4 583,740
1939.....	7,200	25,904	42,000	83,074	19,562	13,621	2,243,023	43,828	2,478,212	2,433,928	4 687,623
1940.....	9,000	25,192	42,000	100,750	25,731	12,715	2,271,419	14,554	2,501,361	2,486,512	4 644,677
1941.....	10,000	23,412	50,000	127,051	54,652	12,371	2,509,351	19,606	2,806,443	2,786,445	4 490,688
1942.....	11,000	22,244	60,000	128,002	41,584	13,140	2,915,729	4,805	3,196,504	3,191,328	13 363,153
1943.....	12,000	22,139	60,000	120,934	10,482	13,298	2,873,924	9,997	3,122,774	3,112,505	230,995
1944.....	12,000	20,757	62,000	124,589	36,986	12,498	2,724,419	16,611	3,009,860	2,992,732	315,310
1945.....	11,000	18,647	55,000	111,732	27,513	12,506	2,767,663	14 19,874	3,023,935	3,001,987	172,926
1946 <sup>5</sup> .....	12,000	17,171	63,000	143,457	55,294	12,002	2,708,352	14 126,738	3,138,014	3,009,349	285,428

<sup>1</sup> Commercial stocks at terminal markets.<sup>2</sup> Owned by the Commodity Credit Corporation in steel and wooden bins off farms.<sup>3</sup> Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Imports include grain equivalent of corn meal and flour; exports are grain only.<sup>4</sup> Exclusive of stocks at interior mills, elevators, and warehouses, data for which are not available.<sup>5</sup> Preliminary.<sup>6</sup> Estimated quantities (based on census data) used in making prepared breakfast foods during the calendar year following the corn harvest. For example, the 7,151,000 bushels of corn in the first line of this column is corn used during the calendar year 1939.<sup>7</sup> Estimated quantities (based on census data) used in corn meal, flour, hominy, and grits during the calendar year following the corn harvest. Does not include livestock feeds or industrial products produced in the dry-milling industry.<sup>8</sup> Starch, sirup, sugar, etc. Compiled from data of Price, Waterhouse, and Company, New York.<sup>9</sup> Compiled from data of the Bureau of Internal Revenue. Does not include corn products used in the production of fermented malt liquors.<sup>10</sup> Based on acreage planted to corn the following year.<sup>11</sup> Residual, mostly feed.<sup>12</sup> Total disappearance, minus exports of corn and grain equivalent of corn meal and flour.<sup>13</sup> Stocks at the end of the 1942-43 marketing year, excluding grain at interior mills, elevators, and warehouses, are used in computing 1942-43 disappearance.<sup>14</sup> Includes exports for military civilian feeding abroad.

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TABLE 56.—*Corn, shelled: Receipts graded by licensed inspectors, by grades, United States, 1937-46*

Year beginning November—	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total	Percentage grading No. 3 or better
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Percent</i>
1937.....	103,073	169,592	123,944	94,189	31,621	24,103	546,522	73
1938.....	153,489	109,133	56,660	15,574	3,319	4,683	342,858	93
1939.....	226,779	110,688	35,032	8,667	1,911	3,414	386,491	96
1940.....	104,871	101,669	85,171	59,688	21,183	13,182	385,764	76
1941.....	152,142	141,809	82,312	73,617	20,793	12,055	482,728	78
1942.....	77,443	151,607	104,655	77,160	27,939	14,526	453,330	74
1943.....	31,647	76,091	78,390	71,169	42,610	29,229	329,136	57
1944.....	21,089	101,667	122,089	125,458	99,472	94,353	564,128	43
1945 <sup>1</sup> .....	54,903	81,062	69,931	81,626	63,922	64,113	415,557	50
1946 <sup>1</sup> .....	42,523	181,982	174,769	188,409	114,038	83,040	784,761	49

<sup>1</sup> Year beginning October.

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,500 bushels per car for the years 1937-43 and 1,700 bushels for the years 1944-46.

TABLE 57.—*Hog-corn ratios, and average price received by farmers for corn, average 1927-46, annual 1938-47*

Year	Hog-corn ratios <sup>1</sup>		Price of corn, per bushel <sup>2</sup>		Year	Hog-corn ratios <sup>1</sup>		Price of corn, per bushel <sup>2</sup>	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
1927-46 average..	12.1	13.2	<i>Cents</i> 76.2	<i>Cents</i> 71.3	1943.....	13.6	14.6	<i>Cents</i> 103	<i>Cents</i> 96.2
1938.....	16.0	17.7	49.0	44.6	1944.....	11.6	12.7	113	104
1939.....	13.3	14.9	47.6	42.6	1945.....	12.8	13.8	110	101
1940.....	9.2	9.9	59.0	54.8	1946.....	12.5	13.4	141	134
1941.....	14.2	14.9	64.3	61.6	1947.....	13.7	14.1	187	185
1942.....	16.5	17.6	79.4	75.3					

<sup>1</sup> Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is straight average of monthly ratios.

<sup>2</sup> Straight average of monthly prices.

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TABLE 58.—*Corn (for grain): Estimated cost of production, by selected States and groups of States, 1938-46*<sup>1</sup>

State or group	Average 1938-46		Net cost per acre, including rent								
	Acreage harvested	Yield per acre <sup>2</sup>	1938	1939	1940	1941	1942	1943	1944	1945	1946
	<i>1,000 acres</i>	<i>Bushels</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>
Eastern:											
North <sup>3</sup> .....	8,571	29.5	22.31	22.50	23.15	25.45	30.97	36.46	40.02	42.80	47.35
South <sup>4</sup> .....	14,096	15.0	15.42	15.45	16.26	17.70	21.25	26.11	30.00	31.96	35.15
Ohio, Indiana, Michigan, Wisconsin, and Minnesota.....	13,665	44.4	23.69	24.69	24.73	27.74	33.60	38.46	40.37	42.09	45.42
Illinois and Iowa.....	17,453	51.0	21.15	22.12	22.47	24.98	30.49	34.87	37.64	38.16	41.26
Missouri and Nebraska.....	10,820	28.6	13.51	14.36	15.57	16.52	21.63	25.68	29.72	29.61	31.85
Kansas, South Dakota, and North Dakota.....	5,631	25.2	12.04	12.89	13.24	14.67	19.28	22.56	25.94	26.85	27.85
Southwestern <sup>5</sup> .....	9,364	16.6	13.85	13.97	14.46	15.82	19.17	22.22	25.03	26.78	29.14
Western <sup>6</sup> .....	998	18.7	12.36	14.59	13.68	15.23	20.28	24.13	26.64	27.15	29.23
United States.....	80,598	32.1	18.06	18.77	19.22	21.07	25.89	30.32	33.57	35.00	38.03
			Net cost per bushel, including rent								
Eastern:											
North <sup>3</sup> .....			0.77	0.83	0.83	0.86	1.00	1.33	1.52	1.29	1.33
South <sup>4</sup> .....			1.08	1.30	1.21	1.18	1.44	1.70	1.92	1.79	2.02
Ohio, Indiana, Michigan, Wisconsin, and Minnesota.....			.59	.52	.65	.62	.67	.83	.99	.92	.98
Illinois and Iowa.....			.47	.43	.47	.48	.53	.63	.77	.84	.72
Missouri and Nebraska.....			.71	.73	.67	.63	.62	.90	.82	1.03	.98
Kansas, South Dakota, and North Dakota.....			.73	.76	.74	.66	.62	.93	.76	1.04	1.03
Southwestern <sup>5</sup> .....			.82	.90	.73	.97	1.18	1.49	1.63	1.51	1.66
Western <sup>6</sup> .....			.86	.98	.86	.77	.93	1.30	1.29	1.28	1.39
United States.....			.65	.63	.67	.68	.73	.92	1.01	1.06	1.03

<sup>1</sup> Costs for each year indicated are based on average corn-for-grain yields for that year and on prevailing cost rates for labor, farm power, materials, equipment, and land rent during the year.

<sup>2</sup> Yield per acre is a weighted average.

<sup>3</sup> Includes the 6 New England States, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, Kentucky, and Tennessee.

<sup>4</sup> Includes North Carolina, South Carolina, Georgia, Florida, Alabama, and Mississippi.

<sup>5</sup> Includes Arkansas, Louisiana, Oklahoma, and Texas.

<sup>6</sup> Includes Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Bureau of Agricultural Economics. See also table 683.

TABLE 59.—*Corn, yellow: Average price per bushel, selected grades and markets, 1938-47*

Year beginning October—	No. 3 Yellow <sup>1</sup>					No. 2 Yellow, San Francisco <sup>2</sup>	Yellow corn, Argentina <sup>3</sup>
	Chicago	Kansas City	Minne- apolis	Omaha	St. Louis		
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1938.....	48.4	46.2	44.9	43.1	49.0	74.1	51
1939.....	54.3	57.2	52.8	54.3	55.6	86.0	39
1940.....	66.9	59.0	63.8	57.6	64.3	89.8	4 24
1941.....	79.3	77.9	73.5	73.3	79.9	102.3	5 31
1942.....	90.8	89.7	94.4	84.4	90.6	122.8	40
1943.....	114.3	112.7	112.4	108.5	-----	141.1	41
1944.....	115.2	109.6	111.0	107.0	114.8	140.5	54
1945.....	194.0	136.6	158.6	137.7	196.3	168.0	114
1946.....	150.4	153.4	168.1	165.4	159.5	207.1	96
1947 <sup>6</sup> .....	232.9	243.7	229.0	233.7	235.6	258.9	83

<sup>1</sup> Average of daily prices weighted by carlot sales, as reported in trade papers published at the various markets.

<sup>2</sup> Average of bulk-of-sales price for 1 day each week, compiled by Production and Marketing Administration.

<sup>3</sup> Compiled from Boletín Estadístico, Banco Central De La Republica Argentina, Buenos Aires (monthly). Prices converted to cents per bushel of 56 pounds at current monthly rates of exchange as reported by the Federal Reserve Board.

<sup>4</sup> 2-month average.

<sup>5</sup> 5-month average.

<sup>6</sup> Preliminary.

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TABLE 60.—*Corn futures: Volume of trading by contract markets, and annual average of month-end open contracts on all markets combined, 1938-47*

Year beginning October—	Volume of trading						Average open contracts
	Chicago Board of Trade	Chicago Open Board of Trade	Kansas City Board of Trade	Milwaukee Grain Exchange	Minne- apolis Grain Exchange	Total	
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1938.....	1,489.8	17.7	42.5	2.5	19.0	1,571.5	56.4
1939.....	1,040.1	12.0	33.5	1.0	19.3	1,105.9	36.4
1940.....	744.9	5.4	15.7	.4	12.0	778.4	25.9
1941.....	1,262.1	14.4	63.0	1.1	6.9	1,347.5	59.2
1942 <sup>1</sup> .....	477.1	5.1	31.1	.3	8.0	521.6	39.3
1943 <sup>2</sup> .....	30.5	.3	5.8	( <sup>3</sup> )	( <sup>3</sup> )	36.6	4 9.0
1944.....	477.4	5.7	31.3	.5	( <sup>3</sup> )	514.9	21.8
1945.....	163.7	5.8	1.5	.3	-----	176.3	13.6
1946.....	3,651.5	167.6	53.5	2.0	-----	3,874.6	46.9
1947 <sup>5</sup> .....	2,718.6	106.6	5.5	3.1	-----	2,833.8	52.0

<sup>1</sup> Trading suspended on all contract markets, June 25, 1943.

<sup>2</sup> Trading resumed Aug. 30, 1944, on the Kansas City Board of Trade; Sept. 14, 1944, on the Chicago Board of Trade, Chicago Open Board of Trade, and Minneapolis Grain Exchange, and Sept. 15, 1944, on the Milwaukee Grain Exchange.

<sup>3</sup> Less than 50,000 bushels.

<sup>4</sup> 2-month average for Kansas City Board of Trade and September 30 figures for all other markets

<sup>5</sup> Through July 1948.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 61.—*Corn futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1938-47*

Year beginning October—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
1938.....	<i>Cents</i> 63½	Sept. 7	1940 May	<i>Cents</i> 38½	{ July 25 July 26	} 1939 Sept.
1939.....	70	May 10	1940 Sept.	48¾	{ Oct. 23	
1940.....	91½	Sept. 12	1942 May	57¾	Oct. 4	1940 Dec.
1941.....	99	{ July 14 July 15	} 1943 May	66¾	Oct. 16	1941 Dec.
1942.....	105	{ (1 2 3)				
1943 <sup>4</sup> .....	116	Sept. 25	{ 1943 Sept. 1944 Dec. 1945 May	103½	Sept. 22	1945 July
1944.....	118½	( <sup>5</sup> )	{ 1945 July 1945 Sept. 1945 Dec. 1946 May			
1945.....	173	July 15	1947 Jan.	114¾	Oct. 4	1946 July
1946.....	265¾	Sept. 15	1947 Mar.			
1947 <sup>6</sup> .....	270¾	Jan. 16	1948 May	147	July 31	1948 Dec.

<sup>1</sup> October 1942—June 25, 1943 only. Trading suspended June 25, 1943.

<sup>2</sup> On regular trades. Under special regulations, high of 107 permitted for certain trades in connection with cash transactions and settlement of contracts.

<sup>3</sup> On numerous dates from March through June for the September future, April through June for the July future, and in April and May for the May future.

<sup>4</sup> Sept. 14-30, 1944, only. Trading resumed Sept. 14, 1944.

<sup>5</sup> On numerous dates between May 15 and August 2.

<sup>6</sup> Through July 1948.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade. Data for 1929-36 in Agricultural Statistics, 1945, table 58. Highest and lowest prices during the period, Oct. 1, 1909 through July 31, 1948: High, \$2.70¾, May future, Jan. 16, 1948; low, \$0.20¾, Dec. future, Dec. 23, 1932.

TABLE 62.—Oats: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage seeded <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel at Chicago, year beginning July <sup>2</sup>	Foreign trade, including beginning		
								Foreign meal, July <sup>3</sup>	trade, year	including beginning
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929		33,466	29.7	992,747						
1929	40,534	38,153	29.2	1,112,949	41.8	465,717	45	7,966	175	7,680
1930	42,608	39,847	32.0	1,274,522	32.2	409,990	36	3,123	659	2,464
1931	44,483	40,193	28.0	1,124,232	21.3	239,150	22	4,437	85	4,352
1932	45,549	41,700	30.1	1,254,584	15.7	196,383	19	5,361	28	5,333
1933	43,774	36,528	20.2	736,309	33.5	246,351	36	1,405	154	1,251
1934		24,589	18.7	468,780						
1934	40,467	29,455	18.5	544,247	48.1	261,548	48	1,147	15,645	<sup>5</sup> 14,498
1935	43,599	40,109	30.2	1,210,229	26.4	319,560	29	1,430	110	1,320
1936	41,934	33,654	23.6	792,583	44.9	355,941	43	912	208	704
1937	39,827	35,542	33.1	1,176,744	30.2	355,482	32	12,331	23	12,308
1938	39,390	36,042	30.2	1,089,383	23.8	258,773	28	5,106	1,025	4,081
1939		29,935	29.1	870,258						
1939	38,203	33,460	28.6	957,704	31.0	297,354	36	1,393	10,609	<sup>5</sup> 9,216
1940	39,315	35,431	35.2	1,246,450	30.3	377,319	35	1,256	10,224	<sup>5</sup> 8,968
1941	41,841	38,161	31.0	1,182,509	41.1	485,659	47	4,775	1,389	3,386
1942	43,018	38,197	35.2	1,342,681	48.8	655,738	51	3,184	58,788	<sup>5</sup> 55,604
1943	43,467	38,914	29.3	1,139,831	72.2	823,297	75	3,462	81,373	<sup>5</sup> 77,911
1944		35,426	29.4	1,041,112						
1944	43,804	39,672	29.0	1,149,260	70.9	815,389	73	5,016	68,671	<sup>5</sup> 63,655
1945	45,889	41,933	36.6	1,535,676	66.7	1,024,799	66	21,246	24,062	<sup>5</sup> 2,818
1946	46,549	43,205	34.7	1,497,904	81.0	1,213,755	89	18,096	967	17,129
1947 <sup>6</sup>	42,501	38,648	31.5	1,215,970	107.0	1,297,141	105			

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of oats sown for all purposes, including oats sown in the preceding fall.

<sup>2</sup> Compiled from Chicago Daily Trade Bulletin, through May 1942; Chicago Journal of Commerce beginning June 1942; average of daily quotations for No. 3 white, weighted by earlot sales.

<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Oats—general imports, 1929-32; imports for consumption beginning 1933. Oatmeal—imports for consumption. Oats, unhulled, ground—imports for consumption, 1934 to date. Oatmeal converted to terms of grain on the basis that 18 pounds of meal is the product of 1 bushel of oats through December 1942, and 13.17 pounds thereafter.

<sup>4</sup> Total exports (domestic plus foreign) minus total imports. Beginning 1933, net exports are domestic exports minus imports for consumption.

<sup>5</sup> Net imports.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 86.



TABLE 63.—Oats: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and division	Acreage seeded <sup>1</sup>			Acreage harvested for grain			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents	Cents
Maine.....	105	76	85	97	71	75	3,576	2,840	2,625	63	101	125
New Hampshire.....	14	12	13	7	7	7	263	259	224	70	111	140
Vermont.....	79	69	56	50	45	30	1,588	1,530	810	70	111	140
Massachusetts.....	15	15	14	6	7	7	175	259	252	70	111	140
Rhode Island.....	4	4	4	1	1	1	37	32	33	70	110	140
Connecticut.....	15	18	16	5	7	5	153	252	175	70	112	140
New York.....	828	848	543	772	809	485	22,989	32,360	13,338	58	84	117
New Jersey.....	53	54	51	46	45	40	1,355	1,440	1,000	56	89	110
Pennsylvania.....	886	874	760	850	846	685	25,078	30,033	19,865	58	91	110
North Atlantic.....	2,000	1,970	1,542	1,833	1,838	1,335	55,215	69,005	38,322	58.7	88.8	115
Ohio.....	1,173	1,410	888	1,126	1,383	733	39,970	62,235	19,058	50	83	115
Indiana.....	1,413	1,471	1,265	1,308	1,412	1,144	42,145	55,068	34,320	47	80	107
Illinois.....	3,574	3,837	3,411	3,417	3,799	3,343	129,381	165,256	117,005	45	80	107
Michigan.....	1,382	1,596	1,117	1,315	1,580	1,090	45,662	71,890	38,150	50	81	115
Wisconsin.....	2,588	2,943	2,884	2,483	2,868	2,811	92,318	124,758	120,873	49	82	110
Minnesota.....	4,433	5,439	4,630	4,285	5,338	4,537	153,589	197,506	163,332	40	75	105
Iowa.....	5,526	5,785	5,669	5,332	5,642	5,473	189,046	211,575	180,609	44	77	108
Missouri.....	2,172	2,015	1,552	1,827	1,843	1,309	43,861	57,133	30,107	48	83	106
North Dakota.....	2,152	2,506	2,280	1,809	2,361	2,172	52,008	62,566	61,902	36	71	103
South Dakota.....	2,354	3,561	3,134	2,070	3,462	3,081	62,789	100,398	95,511	38	72	102
Nebraska.....	2,085	2,696	2,426	1,812	2,561	2,279	45,603	71,708	62,672	43	75	102
Kansas.....	1,744	1,495	1,510	1,526	1,423	1,395	35,492	40,556	40,455	47	82	105
North Central.....	30,596	34,754	30,766	28,310	33,672	29,367	931,865	1,220,649	963,994	43.8	77.9	107
Delaware.....	6	7	7	4	5	5	107	155	160	62	99	110
Maryland.....	43	46	45	37	38	38	1,098	1,254	1,216	60	101	112
Virginia.....	147	169	159	116	142	128	2,786	4,260	3,456	63	102	110
West Virginia.....	97	83	83	75	68	67	1,716	1,904	1,916	65	104	118
North Carolina.....	348	493	518	273	390	394	6,722	12,870	11,623	67	105	110
South Carolina.....	648	760	866	582	693	755	13,352	20,097	19,630	65	101	105
Georgia.....	691	806	887	539	619	644	11,347	16,404	16,100	67	109	110
Florida.....	50	160	160	18	40	30	297	720	600	82	138	160
South Atlantic.....	2,030	2,524	2,725	1,644	1,995	2,061	37,425	57,664	54,695	65.7	105	109
Kentucky.....	120	159	153	82	119	105	1,667	3,213	2,415	60	99	120
Tennessee.....	204	310	301	135	245	230	3,055	6,492	6,095	65	107	110
Alabama.....	237	302	311	180	226	221	3,821	5,537	5,083	72	123	115
Mississippi.....	277	422	502	244	341	416	7,785	10,571	12,480	60	108	115
Arkansas.....	388	379	470	257	255	311	6,418	7,650	9,641	58	107	112
Louisiana.....	110	150	180	89	110	124	2,621	2,640	3,348	60	116	114
Oklahoma.....	1,529	1,269	1,472	1,370	1,180	1,416	26,572	24,780	33,276	48	92	99
Texas.....	1,805	1,953	1,758	1,426	1,653	1,488	33,236	36,366	31,248	49	91	98
South Central.....	4,670	4,944	5,147	3,783	4,129	4,311	85,175	97,249	103,586	52.4	98.2	104
Montana.....	452	431	418	350	352	338	11,086	10,912	10,478	43	75	97
Idaho.....	220	185	187	174	164	172	6,958	7,216	7,568	44	81	103
Wyoming.....	157	174	171	120	153	153	3,495	4,666	5,049	47	76	98
Colorado.....	207	215	224	175	187	200	5,255	5,610	6,900	48	83	104
New Mexico.....	45	57	48	36	45	38	814	900	798	55	99	118
Arizona.....	23	29	32	8	12	12	241	336	336	60	100	115
Utah.....	50	51	49	42	41	44	1,735	1,763	2,112	51	95	105
Nevada.....	9	12	13	6	7	8	253	308	328	58	100	110
Washington.....	286	213	209	171	128	131	7,762	6,144	6,812	50	90	112
Oregon.....	460	420	428	296	292	298	9,527	9,782	10,132	52	94	113
California.....	464	570	542	151	190	180	4,479	5,700	4,860	56	101	119
Western.....	2,373	2,357	2,321	1,530	1,571	1,574	51,603	53,337	55,373	47.9	86.1	106
United States.....	41,669	46,549	42,501	37,101	43,205	38,648	1,161,282	1,497,904	1,215,970	46.0	81.0	103

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of oats sown for all purposes, including oats sown in the preceding fall.

<sup>2</sup> Preliminary.

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TABLE 64.—Oats: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1945-47 1

Continent and country	Acreage <sup>2</sup>				Yield per acre <sup>3</sup>				Production			
	Average 1935-39	1945	1946	1947 <sup>4</sup>	Average 1935-39	1945	1946	1947 <sup>4</sup>	Average 1935-39	1945	1946	1947 <sup>4</sup>
<b>North America:</b>												
Canada <sup>5</sup> .....	13,246	14,393	12,075	11,048	25.5	26.5	30.7	25.2	338,071	381,596	371,069	378,670
Mexico.....	29	81	77	74	16.0	18.7	22.0	23.3	465	1,516	1,695	1,722
United States.....	35,761	41,933	43,205	38,648	29.2	36.6	34.7	31.5	1,045,329	1,535,676	1,497,904	1,215,970
Estimated total <sup>6</sup> .....	49,040	56,410	55,360	49,770					1,384,000	1,919,000	1,871,000	1,496,000
<b>Europe:</b>												
Austria.....	691	481	530	555	41.8	29.4	29.2	31.0	28,865	14,120	15,500	17,200
Belgium.....	548	490	519	618	74.7	65.2	79.0	67.2	40,946	30,000	41,000	41,500
Bulgaria.....	7,313	357	415	410	7	9.8	19.3	17.1	7,966	3,500	8,000	7,000
Czechoslovakia.....	1,830	1,482	1,550	1,550	46.4	39.1	39.1	46.4	85,000	58,000	58,000	58,000
Denmark.....	932	830	855	855	75.3	82.6	87.5	72.0	70,205	68,536	74,777	60,625
Eire.....	571	834	831	826	68.8	60.9	58.1	57.5	39,265	50,803	48,250	47,500
Finland.....	1,030	762	793	815	43.7	29.9	30.3	35.5	45,000	22,775	24,000	28,900
France.....	8,089	5,856	6,200	6,070	40.6	32.1	41.9	33.7	328,653	187,804	259,762	225,000
Germany.....	5,200	260	257	311	60.6	24.5	27.2	16.1	315,000	3,720	7,000	5,000
Greece.....	346	558	500	590	35.9	22.6	27.3	21.7	8,479	11,781	13,640	13,000
Hungary.....	522	1,073	1,096	1,188	22.4	22.4	29.0	27.4	20,042	24,000	31,768	32,500
Italy.....	1,065	65	53	61	44.8	43.1	48.8	46.9	38,360	2,910	2,584	2,800
Luxembourg.....	357	365	438	404	70.9	47.6	66.8	57.7	25,314	17,385	23,266	23,318
Netherlands.....	212	211	206	210	61.0	49.2	59.3	56.7	12,940	10,382	12,208	11,700
Norway.....	4,900	667	627	580	41.6	7.2	20.2	12.1	204,000	4,793	12,657	7,000
Poland.....	607	1,620	1,587	1,600	10.8	23.1	26.9	21.9	6,555	37,500	42,666	35,000
Portugal.....	1,848	1,341	1,308	1,308	23.1	12.6	26.9	21.9	8	39,369	20,700	36,000
Rumania.....	1,641	1,341	1,308	1,308	53.1	41.1	41.1	35.8	87,108	52,008	53,930	46,882
Spain.....	28	109	99	85	56.9	69.4	65.7	61.2	1,593	1,565	6,500	5,200
Sweden.....	2,431	3,752	3,567	3,306	57.0	60.5	57.0	53.1	138,628	227,150	203,210	175,525
Switzerland.....	893				24.5				21,900			
United Kingdom.....												
Yugoslavia.....												
Estimated total <sup>6</sup> .....	35,800	31,030	32,140	33,100					1,606,000	1,170,000	1,308,000	1,226,000
<b>U. S. S. R. (Europe and Asia).....</b>	<b>49,500</b>		<b>33,500</b>	<b>36,000</b>	<b>23.5</b>		<b>17.9</b>	<b>22.8</b>	<b>1,165,000</b>		<b>600,000</b>	<b>820,000</b>
<b>Asia:</b>												
Syria <sup>8</sup> .....	24				27.6				662			
Turkey.....	636	648	644	672	26.6	12.9	25.6	19.1	16,893	8,374	16,500	12,821
China.....	10 2,582		2,205	2,174	10 23.4		20.2	24.2	10 60,317		44,588	52,697
Japan.....	310				37.0				11,481			
Korea.....	10 242				10 11.2				10 2,718			
Estimated total <sup>6</sup> .....	3,990	4,230	3,820	3,910					96,000	88,000	82,000	89,000

South America:																					
Argentina.....	1, 974	1, 830	1, 990	221	25.4	30.0	23.7	50, 182	54, 881	47, 158	40, 000										
Chile.....	279	198	205	129	27.5	29.2	22.6	7, 670	3, 787	4, 641	6, 189										
Uruguay.....	213	177	107	-----	14.6	14.6	13.2	3, 100	2, 590	1, 410	2, 203										
Estimated total <sup>6</sup> .....	2, 490	2, 240	2, 330	2, 180	-----	-----	-----	62, 000	64, 000	54, 000	49, 000										
Africa:																					
Algeria.....	465	538	324	400	23.4	6.5	27.7	10, 859	3, 500	8, 970	6, 500										
French Morocco.....	104	108	53	96	26.5	5.1	34.2	2, 751	551	2, 025	2, 500										
Tunisia.....	84	86	73	-----	19.9	10.6	16.0	1, 674	909	1, 200	600										
Union of South Africa.....	544	900	781	-----	13.3	10.1	10.5	6, 966	9, 121	8, 234	12, 155										
Estimated total <sup>6</sup> .....	1, 200	1, 640	1, 240	1, 340	-----	-----	-----	22, 000	14, 000	21, 000	22, 000										
Oceania:																					
Australia.....	1, 593	1, 949	1, 740	-----	14.7	16.5	11.1	23, 351	32, 218	19, 312	35, 000										
New Zealand.....	63	57	43	-----	56.2	61.3	58.1	3, 539	3, 496	2, 500	2, 600										
Total.....	1, 656	2, 006	1, 783	1, 950	-----	-----	-----	26, 890	35, 714	21, 812	37, 600										
Estimated world total <sup>6</sup> .....	143, 700	129, 600	130, 170	128, 250	-----	-----	-----	4, 362, 000	3, 921, 000	3, 958, 000	3, 740, 000										

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with estimates for the Southern Hemisphere harvests which began late in 1947 and ended early in 1948.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Yield per acre calculated from acreage and production data shown, except for incomplete periods.

<sup>4</sup> Revised estimates for Northern Hemisphere countries; for Southern Hemisphere preliminary forecasts.

<sup>5</sup> Production and yield reported in bushels of 34 pounds.

<sup>6</sup> Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>7</sup> Estimate not adjusted to take account of inclusion of Southern Dobrudja and is, therefore, not strictly comparable with estimates shown for later years.

<sup>8</sup> Figure for 1935 only.

<sup>9</sup> Includes estimate for Lebanon.

<sup>10</sup> Average of less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

TABLE 65.—Oats: Production and farm disposition, United States, 1938-47

Crop of—	Production	Feed and seed	Sold	Crop of—	Production	Feed and seed	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938 .....	1,089,383	915,567	173,816	1943.....	1,139,831	916,291	223,540
1939 .....	957,704	791,932	165,772	1944.....	1,149,260	898,207	251,053
1940 .....	1,246,450	1,024,959	221,491	1945.....	1,535,676	1,144,697	390,979
1941 .....	1,182,509	960,345	222,164	1946.....	1,497,904	1,116,334	381,570
1942 .....	1,342,681	1,101,344	241,337	1947 <sup>1</sup> .....	1,215,970	874,147	341,823

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 66.—Oats: Production and farm disposition, by States, crops of 1946 and 1947

State	Crop of 1946			Crop of 1947 <sup>1</sup>		
	Production	Feed and seed	Sold	Production	Feed and seed	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Maine.....	2,840	2,329	511	2,625	2,047	578
New Hampshire.....	259	246	13	224	220	4
Vermont.....	1,530	1,484	46	810	769	41
Massachusetts.....	259	256	3	252	249	3
Rhode Island.....	32	32	-----	33	33	-----
Connecticut.....	252	251	1	175	174	1
New York.....	32,360	30,418	1,942	13,338	12,538	800
New Jersey.....	1,440	1,375	65	1,000	955	45
Pennsylvania.....	30,033	26,729	3,304	19,865	17,481	2,384
Ohio.....	62,235	47,921	14,314	19,058	15,628	3,430
Indiana.....	55,068	42,953	12,115	34,320	23,338	10,982
Illinois.....	165,256	94,196	71,060	117,005	63,183	53,822
Michigan.....	71,890	60,388	11,502	38,150	30,902	7,248
Wisconsin.....	124,758	113,530	11,228	120,873	107,577	13,296
Minnesota.....	197,506	152,080	45,426	163,332	120,866	42,466
Iowa.....	211,575	162,913	48,662	180,609	126,426	54,183
Missouri.....	57,133	45,706	11,427	30,107	24,688	5,419
North Dakota.....	62,566	40,668	21,898	61,902	38,998	22,904
South Dakota.....	100,398	64,255	36,143	95,511	63,992	31,519
Nebraska.....	71,708	56,649	15,059	62,672	49,511	13,161
Kansas.....	40,556	30,823	9,733	40,455	30,746	9,709
Delaware.....	155	147	8	160	142	18
Maryland.....	1,254	1,154	100	1,216	1,119	97
Virginia.....	4,260	3,664	596	3,456	3,041	415
West Virginia.....	1,904	1,809	95	1,910	1,834	76
North Carolina.....	12,870	10,425	2,445	11,623	8,602	3,021
South Carolina.....	20,997	13,063	7,034	19,630	11,974	7,656
Georgia.....	16,404	11,483	4,921	16,100	11,270	4,830
Florida.....	720	670	50	600	558	42
Kentucky.....	3,213	2,763	450	2,415	2,005	410
Tennessee.....	6,492	4,804	1,688	6,095	4,449	1,646
Alabama.....	5,537	3,987	1,550	5,083	4,066	1,017
Mississippi.....	10,571	9,091	1,480	12,480	9,610	2,870
Arkansas.....	7,650	5,967	1,683	9,641	7,520	2,121
Louisiana.....	2,640	2,191	449	3,348	2,611	737
Oklahoma.....	24,780	17,594	7,186	33,276	26,621	6,655
Texas.....	36,366	19,274	17,092	31,248	17,186	14,062
Montana.....	10,912	8,402	2,510	10,478	8,382	2,096
Idaho.....	7,216	4,041	3,175	7,568	4,389	3,179
Wyoming.....	4,666	3,360	1,306	5,049	1,212	3,837
Colorado.....	5,610	4,600	1,010	6,900	5,106	1,794
New Mexico.....	900	405	495	798	399	399
Arizona.....	336	134	202	336	128	208
Utah.....	1,763	1,587	176	2,112	1,605	507
Nevada.....	308	213	95	328	230	98
Washington.....	6,144	3,564	2,580	6,812	3,474	3,338
Oregon.....	9,782	5,771	4,011	10,132	5,370	4,762
California.....	5,700	969	4,731	4,860	923	3,937
United States.....	1,497,904	1,116,334	381,570	1,215,970	874,147	341,823

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 67.—Oats: Stocks on and off farms, United States, 1938-47

Year beginning October—	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>3</sup>
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1938.....	881,690	706,730	420,264	190,322	-----	-----	-----	-----
1939.....	775,579	602,698	350,334	145,261	-----	-----	-----	-----
1940.....	1,031,898	795,277	471,217	219,553	-----	-----	-----	-----
1941.....	956,770	751,016	431,703	192,165	-----	-----	-----	-----
1942.....	1,117,032	874,238	500,245	232,561	-----	-----	33,589	26,470
1943.....	928,927	702,858	414,372	184,969	60,474	47,821	26,554	23,099
1944.....	932,761	734,449	421,834	207,317	60,456	49,739	37,844	27,096
1945.....	1,277,410	976,631	571,372	274,862	99,379	88,444	54,203	16,850
1946.....	1,147,713	892,282	532,895	257,099	65,803	42,150	34,675	19,213
1947 <sup>3</sup> .....	964,340	743,783	410,644	171,479	74,707	46,633	26,295	13,875

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, and commercial stocks at terminals.

<sup>2</sup> Includes old crop only.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1926-37, in Agricultural Statistics, 1943, table 52.

TABLE 68.—Oats: Receipts graded by licensed inspectors, by grades, United States, 1937-46

Year beginning July—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 3 or better
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Percent</i>
1937.....	28,606	62,042	42,694	10,116	5,060	148,518	90
1938.....	11,526	38,352	52,722	19,846	10,280	132,726	77
1939.....	9,286	27,372	38,840	19,156	11,658	106,312	71
1940.....	31,904	24,682	28,462	11,144	7,856	104,048	82
1941.....	36,236	24,642	35,122	26,964	6,816	129,780	74
1942.....	29,208	44,050	52,032	36,092	7,174	168,556	74
1943.....	19,504	40,612	66,470	46,684	12,756	186,026	68
1944.....	23,340	44,263	75,648	50,112	14,398	207,761	69
1945.....	79,627	87,984	114,566	42,487	12,304	336,968	84
1946.....	100,937	71,590	67,406	41,658	21,437	303,028	79

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 2,000 bushels per car for the years 1937-43 and 2,400 bushels for the years 1944-46.

TABLE 69.—Oats: Supply and distribution, United States, 1939-48

## SUPPLY

Year beginning July—	Carry-over July 1				Production	Imports <sup>2</sup>	Total supply
	Farm	Terminal market <sup>1</sup>	Interior mills, elevators, and warehouses	Total			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939 .....	190,322	5,695	-----	<sup>3</sup> 196,017	957,704	10,610	<sup>4</sup> 1,164,331
1940 .....	145,261	3,130	-----	<sup>3</sup> 148,391	1,246,450	10,224	<sup>4</sup> 1,405,065
1941 .....	219,553	3,906	-----	<sup>3</sup> 223,459	1,182,509	1,305	<sup>4</sup> 1,407,273
1942 .....	192,165	2,109	-----	<sup>3</sup> 194,274	1,342,681	58,787	<sup>4</sup> 1,595,742
1943 .....	232,561	7,746	18,724	259,031	1,139,831	81,374	1,480,236
1944 .....	184,969	6,547	16,552	208,068	1,149,260	68,672	1,426,000
1945 .....	207,317	9,604	17,492	234,413	1,535,676	24,062	1,794,151
1946 .....	274,862	3,153	13,697	291,712	1,497,904	967	1,790,583
1947 .....	257,099	5,038	14,175	276,312	1,215,970	1,672	1,493,954
1948 <sup>4</sup> .....	171,479	1,841	12,034	185,354	-----	-----	-----

## DISTRIBUTION

Year beginning July—	Breakfast foods <sup>5</sup>	Seed <sup>6</sup>	Feed, other uses, and waste <sup>7</sup>	Exports <sup>2</sup>	Total disappearance	Domestic disappearance <sup>8</sup>	Stocks at end of year
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939 .....	29,713	92,390	893,633	204	1,015,940	1,014,547	<sup>9</sup> 148,391
1940 .....	30,972	98,326	1,052,150	158	1,181,606	1,180,350	<sup>9</sup> 223,459
1941 .....	34,000	102,383	1,076,012	604	1,212,999	1,208,224	<sup>9</sup> 194,274
1942 .....	44,000	103,451	1,207,706	278	1,355,435	1,352,251	<sup>9</sup> 240,307
1943 .....	44,000	104,254	1,123,686	228	1,272,168	1,268,706	208,068
1944 .....	46,000	109,216	1,036,121	250	1,191,587	1,186,571	234,413
1945 .....	50,000	110,787	1,323,361	18,291	1,502,439	1,481,195	291,712
1946 .....	50,000	101,152	1,342,788	<sup>10</sup> 20,331	1,514,271	1,489,945	276,312
1947 <sup>4</sup> .....	50,000	107,609	1,139,696	<sup>10</sup> 11,295	1,308,600	1,288,035	185,354

<sup>1</sup> Commercial stocks at terminal markets.

<sup>2</sup> Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Imports include grain equivalent of oatmeal; exports are grain only.

<sup>3</sup> Exclusive of stocks at interior mills, elevators, and warehouses, data for which are not available.

<sup>4</sup> Preliminary.

<sup>5</sup> Used in production of cereal preparations; based on data published for calendar years by the Census of Manufactures and the War Food Administration.

<sup>6</sup> Based on area seeded to the following crop.

<sup>7</sup> Residual, mostly feed.

<sup>8</sup> Total disappearance, minus exports of oats and grain equivalent of oatmeal exported.

<sup>9</sup> Excludes interior mill, elevator, and warehouse stocks, for computing 1942-43 disappearance.

<sup>10</sup> Includes exports for military civilian feeding abroad

Bureau of Agricultural Economics.

TABLE 70.—Oats: *Estimated cost of production, by selected States and groups of States, 1938-46*<sup>1</sup>

State or group	Average 1938-46		Net cost per acre, including rent								
	Acreage harvested	Yield per acre <sup>2</sup>	1938	1939	1940	1941	1942	1943	1944	1945	1946
	<i>1,000 acres</i>	<i>Bushels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Eastern											
North <sup>3</sup> .....	2,283	30.3	19.06	18.70	19.79	20.72	24.57	25.78	28.47	29.80	32.54
South <sup>4</sup> .....	1,909	24.7	13.33	13.18	13.57	14.62	16.90	18.82	21.78	24.01	26.03
Ohio and Indiana.....	2,455	35.6	13.83	14.59	15.54	16.92	19.45	20.41	22.80	24.23	26.70
Michigan, Wisconsin, and Minnesota.....	8,331	38.3	13.87	13.89	14.91	14.83	19.33	20.95	22.83	23.97	25.21
Illinois and Iowa.....	8,672	36.6	13.65	14.03	15.33	16.18	18.94	20.93	23.28	23.74	26.04
Missouri, Nebraska, Kansas, South Dakota, and North Dakota.....	9,713	28.1	10.30	10.10	10.55	11.64	14.25	15.97	17.74	18.70	19.80
Southwestern <sup>5</sup> .....	3,154	22.4	10.98	10.94	11.35	12.42	15.34	16.65	17.78	18.54	19.85
Western <sup>6</sup> .....	1,588	34.3	17.60	17.42	17.20	18.52	22.07	25.64	28.18	29.14	30.57
United States.....	38,105	32.5	13.20	13.30	14.05	14.80	17.99	19.54	21.61	22.62	24.27
			Net cost per bushel, including rent								
Eastern:											
North <sup>3</sup> .....			0.60	0.63	0.58	0.67	0.76	1.27	0.98	1.02	.93
South <sup>4</sup> .....			.58	.57	.61	.60	.77	.84	.81	.89	.91
Ohio and Indiana.....			.47	.51	.35	.40	.50	.87	.79	.57	.64
Michigan, Wisconsin, and Minnesota.....			.42	.38	.34	.50	.44	.69	.62	.52	.63
Illinois and Iowa.....			.42	.46	.36	.45	.49	.59	.77	.57	.65
Missouri, Nebraska, Kansas, South Dakota, and North Dakota.....			.40	.49	.41	.43	.44	.55	.69	.59	.69
Southwestern <sup>5</sup> .....			.47	.54	.45	.56	.75	.87	.77	.84	.89
Western <sup>6</sup> .....			.55	.52	.57	.53	.59	.67	.78	.88	.90
United States.....			.44	.47	.40	.48	.51	.66	.73	.62	.70

<sup>1</sup> Costs for each year indicated are based on average oat yields for that year, and on prevailing cost rates for labor, farm power, materials, equipment, and land rent during the year.

<sup>2</sup> Yield per acre is a weighted average.

<sup>3</sup> Includes the 6 New England States, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, Kentucky, and Tennessee.

<sup>4</sup> Includes North Carolina, South Carolina, Georgia, Florida, Alabama, and Mississippi.

<sup>5</sup> Includes Arkansas, Louisiana, Oklahoma, and Texas.

<sup>6</sup> Includes Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Bureau of Agricultural Economics. See also table 683.

TABLE 71.—Oat futures: Volume of trading by contract markets and annual average of month-end open contracts on all markets combined, 1938-47

Year beginning July—	Volume of trading						Average open contracts
	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Mill-waukee Grain Exchange	Kansas City Board of Trade	Total	
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels (1)	Million bushels	Million bushels
1938.....	270.8	1.8	55.9	1.1	.....	329.6	15.9
1939.....	359.2	2.9	68.4	.9	.....	431.4	15.9
1940.....	182.8	.6	64.3	.8	.....	248.5	11.9
1941.....	433.8	1.4	86.8	1.8	.2	524.0	15.7
1942.....	484.8	3.9	120.9	1.0	.....	610.6	19.4
1943.....	601.5	11.9	111.7	1.3	.....	726.4	20.3
1944.....	935.2	12.2	140.8	2.0	.....	1,090.2	27.2
1945.....	2,127.5	64.0	244.4	2.9	.....	2,438.8	54.0
1946.....	3,445.9	163.4	292.0	4.3	.....	3,905.6	44.9
1947.....	2,365.6	31.3	269.1	2.6	.....	2,668.6	45.0

<sup>1</sup> Less than 50,000 bushels.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 72.—Barley: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage seeded <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Price per bushel at Minneapolis, year beginning August <sup>2</sup>	Foreign trade, including barley, flour and malt, year beginning July <sup>3</sup>		
								Domestic exports	Imports <sup>4</sup>	Net exports
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929.....	.....	12,891	20.4	263,590	.....	.....	.....	.....	.....	.....
1929.....	14,703	13,564	20.7	280,637	53.9	151,134	56	24,054	41	24,013
1930.....	13,581	12,629	23.9	301,619	40.5	122,178	46	11,443	1,413	10,030
1931.....	13,820	11,181	17.9	200,280	32.8	65,616	46	5,469	1,509	3,960
1932.....	14,555	13,206	22.7	299,394	22.1	66,178	34	9,399	1,406	7,993
1933.....	14,200	9,641	15.9	152,839	43.4	66,349	65	6,111	4,560	1,551
1934.....	.....	6,193	17.8	110,412	.....	.....	.....	.....	.....	.....
1934.....	12,024	6,577	17.8	117,390	68.6	80,521	94	4,126	18,239	<sup>6</sup> 14,113
1935.....	13,956	12,436	23.2	288,667	37.9	109,372	59	9,926	7,885	2,041
1936.....	12,837	8,329	17.7	147,740	78.2	115,461	115	5,269	28,763	<sup>6</sup> 23,494
1937.....	12,346	9,969	22.3	221,889	54.2	120,257	68	17,775	5,853	11,922
1938.....	12,171	10,610	24.2	256,620	36.8	94,336	48	11,292	3,062	8,230
1939.....	.....	12,024	21.7	260,981	.....	.....	.....	.....	.....	.....
1939.....	15,513	12,739	21.8	278,193	40.5	112,541	49	4,827	2,694	2,133
1940.....	15,689	13,525	23.0	311,278	<sup>7</sup> 39.7	123,543	48	1,987	2,335	<sup>6</sup> 348
1941.....	15,857	14,276	25.4	362,568	<sup>7</sup> 52.9	191,741	65	3,421	2,323	1,098
1942.....	19,686	16,958	25.3	429,450	<sup>7</sup> 63.2	271,231	78	2,178	27,245	<sup>6</sup> 25,067
1943.....	17,474	14,900	21.7	322,913	<sup>7</sup> 99.1	319,871	121	2,980	41,179	<sup>6</sup> 38,199
1944.....	.....	11,694	22.4	261,425	.....	.....	.....	.....	.....	.....
1944.....	14,337	12,301	22.4	276,112	101.0	280,251	119	4,695	37,932	<sup>6</sup> 33,237
1945.....	11,718	10,465	25.5	266,833	102.0	271,460	128	9,259	5,814	3,445
1946.....	11,527	10,411	25.2	262,258	136.0	356,657	174	6,668	4,286	2,382
1947 <sup>8</sup> .....	12,030	10,947	25.5	279,182	174.0	486,658	222	.....	.....	.....

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of barley sown for all purposes, including barley sown in the preceding fall.

<sup>2</sup> No. 3 barley, average of daily prices weighted by carlot sales, as reported in the Minneapolis Daily Market Record. Replaces price previously reported for No. 2 malting.

<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Malt converted to terms of barley on the basis that 1.1 bushels of malt is the product of 1 bushel of barley through 1943; beginning 1944, 1 bushel malt equals 1 bushel grain. Barley flour converted on the basis that 1 barrel of flour is the product of 9 bushels of barley.

<sup>4</sup> Imports for consumption.

<sup>5</sup> Domestic exports minus imports for consumption.

<sup>6</sup> Net imports.

<sup>7</sup> Includes an allowance for unredeemed loans at average loan value.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 103.



TABLE 73.—*Barley: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947*

State and division	Acreage seeded <sup>1</sup>			Acreage harvested for grain			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45 <sup>3</sup>	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents	Cents
Maine.....	4	4	4	4	4	4	111	128	112	91	142	185
Vermont.....	5	2	1	5	2	2	1	56	19	94	164	205
New York.....	135	116	101	126	114	91	3,084	3,648	2,184	82	137	175
New Jersey.....	7	10	13	6	9	12	173	324	396	83	155	163
Pennsylvania.....	111	109	125	108	108	123	3,140	3,942	4,059	78	153	155
North Atlantic.....	262	241	244	249	237	231	6,639	8,098	6,770	79.8	146	163
Ohio.....	33	18	16	31	17	15	784	502	390	68	134	145
Indiana.....	54	27	21	48	25	20	1,164	600	520	72	135	145
Illinois.....	118	26	25	104	24	23	2,862	624	656	76	139	162
Michigan.....	190	139	121	182	138	115	5,023	5,037	3,450	79	147	190
Wisconsin.....	573	125	160	553	124	159	16,032	4,650	5,962	84	154	218
Minnesota.....	1,645	738	1,018	1,562	733	975	38,915	21,527	25,838	68	146	212
Iowa.....	276	13	36	268	13	34	6,988	410	799	65	135	190
Missouri.....	176	77	74	136	63	63	2,677	1,260	1,449	75	140	155
North Dakota.....	2,178	2,357	2,475	1,809	2,284	2,398	38,287	45,680	50,358	58	139	195
South Dakota.....	1,936	1,464	1,508	1,576	1,377	1,432	29,752	30,294	31,504	62	139	195
Nebraska.....	1,372	613	533	1,130	549	467	20,768	11,529	10,274	61	120	155
Kansas.....	1,028	360	328	761	287	290	12,051	5,022	6,380	62	125	153
North Central.....	9,578	5,957	6,315	8,160	5,634	5,991	175,304	126,865	137,580	66.2	139	193
Delaware.....	6	11	13	6	10	12	158	305	366	78	145	147
Maryland.....	64	69	79	62	63	77	1,748	2,174	2,618	76	144	145
Virginia.....	70	73	86	67	71	84	1,726	2,272	2,478	80	146	145
West Virginia.....	9	7	8	9	7	8	226	203	236	80	153	165
North Carolina.....	33	37	43	26	30	35	598	825	980	97	161	168
South Carolina.....	19	24	27	16	21	24	325	546	624	104	182	175
Georgia.....	48	6	7	47	6	7	4140	129	154	113	188	190
South Atlantic.....	207	227	263	191	203	247	4,880	6,454	7,456	82.3	151	152
Kentucky.....	95	71	71	67	50	53	1,531	1,250	1,325	80	142	147
Tennessee.....	87	100	88	72	82	77	1,404	1,640	1,617	85	152	150
Alabama.....		3	2		2	1		36	18		158	160
Mississippi.....	4	3	3	4	2	2	4	71	48	49	153	157
Arkansas.....	12	8	5	10	5	3	174	98	60	84	154	162
Oklahoma.....	432	156	140	346	130	120	5,682	1,820	2,160	64	128	143
Texas.....	322	296	171	228	174	144	3,913	2,610	2,520	62	130	135
South Central.....	953	547	480	727	445	400	12,776	7,502	7,746	68.2	137	143
Montana.....	363	821	821	326	780	780	8,436	17,550	17,940	61	118	143
Idaho.....	278	285	322	259	267	310	9,139	9,345	11,625	62	117	150
Wyoming.....	111	162	162	93	150	152	2,683	4,500	4,712	66	114	145
Colorado.....	719	683	669	581	593	605	13,474	13,936	16,940	63	123	153
New Mexico.....	31	36	42	24	30	36	489	600	702	69	142	150
Arizona.....	89	161	161	45	85	104	1,533	2,975	3,848	73	136	147
Utah.....	111	113	113	106	108	108	4,625	4,860	5,076	69	131	150
Nevada.....	18	22	22	17	20	20	690	680	740	78	144	153
Washington.....	185	100	114	156	90	104	5,731	3,375	3,640	66	128	160
Oregon.....	250	302	338	211	278	314	6,574	9,452	11,147	73	132	170
California.....	1,606	1,870	1,964	1,261	1,486	1,545	34,436	46,066	43,260	71	143	165
Western.....	3,762	4,555	4,728	3,080	3,887	4,078	87,790	113,339	119,630	67.0	131	157
United States.....	14,763	11,527	12,030	12,407	10,411	10,947	287,360	262,258	279,182	66.8	136	174

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of barley sown for all purposes, including barley sown in the preceding fall.

<sup>2</sup> Preliminary.

<sup>3</sup> For certain years, prices include an allowance or unredeemed loans at average loan value.

<sup>4</sup> Short-time average.

TABLE 74.—Barley: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1945-47 1

Continent and country	Acreage <sup>2</sup>				Yield per acre <sup>3</sup>				Production			
	Average 1935-39	1945	1946	1947 <sup>4</sup>	Average 1935-39	1945	1946	1947 <sup>4</sup>	Average 1935-39	1945	1946	1947 <sup>4</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
<b>North America:</b>												
Canada.....	4,291	7,350	6,258	7,465	20.7	21.5	23.8	18.9	88,882	157,757	148,887	141,372
Mexico.....	374	408	413	385	10.6	12.6	12.5	12.0	3,960	5,144	5,144	4,639
United States.....	10,817	10,465	10,411	10,917	22.1	25.5	25.2	25.5	238,622	266,833	262,258	279,182
Estimated total <sup>5</sup> .....	15,490	18,230	17,090	18,800					331,500	429,800	416,300	425,000
<b>Europe:</b>												
Austria.....	411	259	310	300	32.5	22.3	20.0	20.7	13,338	5,787	6,200	6,200
Belgium.....	74	180	170	237	48.2	36.1	47.6	42.6	3,570	6,500	8,100	10,104
Bulgaria.....	6 535	421	554	725	28.4	11.9	16.6	16.6	15,108	5,000	13,000	12,000
Czechoslovakia.....	7 1,946	1,420	1,450	1,450	32.4	28.2	28.2	28.2	51,800	40,000	40,000	40,000
Denmark.....	1,946	1,007	1,025	1,146	55.9	57.4	61.8	53.3	52,881	57,825	63,382	61,086
Eire.....	118	170	144	145	45.9	41.1	41.7	42.5	5,413	6,965	6,000	6,200
Finland.....	280	341	344	330	28.2	22.0	23.3	24.2	7,900	7,500	8,000	8,000
France.....	1,897	1,680	1,807	2,360	27.9	20.5	27.0	23.3	53,015	34,500	48,803	55,000
Germany.....	3,120	3,120	405	447	41.7	12.7	18.1	13.9	130,000	4,300	7,350	6,200
Greece.....	511	338	405	447	18.1	15.9	15.9	16.9	9,267	20,267	20,267	22,000
Hungary.....	1,163	1,388	1,275	1,300	25.9	15.9	15.9	16.9	30,178	22,138	20,267	22,000
Italy.....	480	580	610	610	20.8	11.5	18.0	15.6	10,000	6,800	10,600	9,500
Netherlands.....	107	118	153	169	53.1	36.1	52.9	48.6	5,683	4,260	8,100	8,217
Norway.....	143	102	100	99	38.6	36.3	40.5	37.4	5,467	3,705	4,046	3,700
Poland.....	2,570	305	305	325	29.6	7.3	15.9	9.2	76,000	2,217	4,837	3,000
Portugal.....	175	2,030	305	325	10.2	13.8	13.8	13.8	28,000	2,217	4,837	3,000
Rumania.....	4,549	3,765	3,674	3,825	21.3	8.8	23.9	18.3	97,039	33,000	87,876	70,000
Spain.....	262	291	221	247	33.5	33.6	38.0	35.7	9,951	7,751	8,396	8,312
Sweden.....	43	78	75	75	44.5	44.5	42.7	33.8	430	3,472	3,200	2,500
Switzerland.....	394	2,215	2,211	2,060	33.2	44.4	41.4	36.7	36,596	98,373	91,625	75,530
United Kingdom.....	1,045	21,020	21,360	23,170	18.0				18,800			
Yugoslavia.....	22,980	21,020	21,360	23,170	16.0				663,000	485,000	585,000	560,000
Estimated total <sup>5</sup> .....	26,600	17,000	17,000	20,500			12.4	15.1	425,000		210,000	310,000
<b>U. S. R. (Europe and Asia).....</b>												
<b>Asia:</b>												
Iran.....	71,545	1,650	1,625	1,700	23.1	25.1	24.5	21.0	35,728	41,336	39,788	35,636
Iraq.....	71,934	2,008	2,000	2,100	14.8	14.9	14.2	13.8	29,854	28,476	28,476	29,000
Lebanon.....	(9)	49	54	54	(9)	24.9	22.1	17.0	(9)	1,222	1,194	919
Pakistan.....	571	577	916	860	5.7	6.0	6.0	3.238	3,238	3,440	3,440	3,943
Syria.....	9,793	4,090	4,016	4,529	19.4	13.2	14.2	11.370	9,15,386	11,370	12,970	11,370
Turkey.....	4,592	15,000	17,224	16,887	20.9	10.5	21.2	15.8	96,129	42,912	85,000	71,686
China.....	16,000	15,000	17,224	16,887	21.7	19.7	19.9	18.8	7347,000	265,000	342,147	316,962
Manchuria.....	222	231	231	231	29.1	14.7	14.7	14.7	7,462	3,690		

India and Pakistan.....	6,298	6,520	6,727	1,933	16.5	16.5	14.5	103,619	107,893	97,346	106,073
Japan.....	1,891	2,169	1,930	1,933	34.6	23.5	18.5	65,436	51,064	35,769	47,518
Korea.....	2,674				19.5		24.6	52,096			
Estimated total <sup>1</sup> .....	37,690	36,900	38,530	38,950				776,000	657,000	705,000	685,000
South America:											
Argentina.....	1,286	1,739	2,427		17.6	22.1	22.2	22,586	38,378	53,801	37,000
Chile.....	184	110	147	150	27.4	31.3	30.9	5,041	3,446	4,541	5,292
Uruguay.....	44	60	46	66	14.8	12.5	11.4	649	748	4,526	674
Estimated total <sup>1</sup> .....	1,970	2,430	3,100	3,050				36,000	52,000	68,000	53,000
Africa:											
Algeria.....	3,051	2,375	1,725	2,125	10.9	3.0	17.7	33,132	7,100	30,500	19,000
Egypt.....	276	3,372	254	246	38.8	32.3	32.1	10,697	12,015	8,157	7,793
French Morocco.....	4,448	3,875	2,300	3,850	12.0	2.3	13.4	53,279	9,000	30,800	58,000
Tunisia.....	1,182	1,236	1,203	1,000	7.7	4.3	6.0	9,048	5,282	7,165	3,000
Union of South Africa.....	779	150	105	105	718.4	12.6	18.2	1,451	1,884	1,910	2,200
Estimated total <sup>1</sup> .....	10,280	9,400	6,890	8,670				121,000	45,000	92,000	105,000
Oceania:											
Australia.....	648	700	875		18.0	16.5	13.8	11,651	11,580	12,083	21,000
New Zealand.....	24	49	53		39.7	39.8	39.8	952	1,950	2,111	2,604
Total.....	672	749	928	1,015				12,603	13,530	14,194	23,604
Estimated world total <sup>1</sup> .....	115,680	104,720	104,900	114,160				2,365,000	1,892,000	2,090,000	2,165,000

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with estimates for the Southern Hemisphere harvests which began late in 1947 and ended early in 1948.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Yield per acre calculated from acreage and production data shown, except for incomplete periods.

<sup>4</sup> Revised estimates for Northern Hemisphere countries; for Southern Hemisphere preliminary forecasts.

<sup>5</sup> Estimated totals, which in the case of production, are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>6</sup> Estimate not adjusted to take account of inclusion of Southern Dobruja and is, therefore, not strictly comparable with estimates shown for later years.

<sup>7</sup> Average of less than 5 years.

<sup>8</sup> Figure for 1932 only.

<sup>9</sup> Estimates for Syria and Lebanon not shown separately during this period.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

TABLE 75.—*Barley: Production and farm disposition, United States, 1938-47*

Crop of—	Production	Feed and seed	Sold	Crop of—	Production	Feed and seed	Sold
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>		<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1938.....	256,620	152,555	104,065	1943.....	322,913	180,471	142,442
1939.....	278,193	158,540	119,653	1944.....	276,112	147,543	128,569
1940.....	311,278	194,593	116,685	1945.....	266,833	114,603	152,230
1941.....	362,568	227,711	134,857	1946.....	262,258	110,834	151,424
1942.....	429,450	263,998	165,452	1947 <sup>1</sup> .....	179,182	113,564	165,618

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 76.—*Barley: Production and farm disposition, by States, crops of 1946 and 1947<sup>1</sup>*

State	Crop of 1946			Crop of 1947 <sup>1</sup>		
	Production	Feed and seed	Sold	Production	Feed and seed	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Maine.....	128	125	3	112	109	3
Vermont.....	56	55	1	19	19	-----
New York.....	3,648	3,247	401	2,184	2,009	175
New Jersey.....	324	249	75	396	284	112
Pennsylvania.....	3,942	3,311	631	4,059	3,572	487
Ohio.....	502	376	126	390	335	55
Indiana.....	600	516	84	520	452	68
Illinois.....	624	343	281	656	354	302
Michigan.....	5,037	2,871	2,166	3,450	2,036	1,414
Wisconsin.....	4,650	2,092	2,558	5,962	1,789	4,173
Minnesota.....	21,257	5,314	15,943	25,838	6,976	18,862
Iowa.....	410	234	176	799	575	224
Missouri.....	1,260	1,071	189	1,449	1,275	174
North Dakota.....	45,680	14,618	31,062	50,358	14,604	35,754
South Dakota.....	30,294	11,815	18,479	31,504	13,862	17,642
Nebraska.....	11,529	7,840	3,689	10,274	6,986	3,288
Kansas.....	5,022	3,566	1,456	6,350	4,338	2,042
Delaware.....	305	284	21	366	322	44
Maryland.....	2,174	1,565	609	2,618	2,042	576
Virginia.....	2,272	1,886	386	2,478	2,181	297
West Virginia.....	203	185	18	236	224	12
North Carolina.....	825	586	239	980	715	265
South Carolina.....	546	355	191	624	399	225
Georgia.....	129	97	32	154	128	26
Kentucky.....	1,250	950	300	1,325	994	331
Tennessee.....	1,640	1,328	312	1,617	1,261	356
Alabama.....	36	27	9	18	14	4
Mississippi.....	48	43	5	46	42	4
Arkansas.....	98	64	34	60	51	9
Oklahoma.....	1,820	1,329	491	2,160	1,814	346
Texas.....	2,610	1,644	966	2,520	1,714	806
Montana.....	17,550	9,302	8,248	17,940	7,535	10,405
Idaho.....	9,345	5,981	3,364	11,625	5,580	6,045
Wyoming.....	4,500	3,465	1,035	4,712	3,487	1,225
Colorado.....	13,936	8,083	5,853	16,940	10,333	6,607
New Mexico.....	600	450	150	702	491	211
Arizona.....	2,975	684	2,291	3,848	770	3,078
Utah.....	4,860	3,451	1,409	5,076	3,401	1,675
Nevada.....	680	238	442	740	296	444
Washington.....	3,375	1,519	1,856	3,640	1,784	1,856
Oregon.....	9,452	3,686	5,766	11,147	2,787	8,360
California.....	46,066	5,989	40,077	43,260	5,624	37,636
United States.....	262,258	110,834	151,424	279,182	113,564	165,618

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 77.—Barley: Stocks on and off farms, United States, 1938-47

Year beginning October—	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....		137,000		45,000				
1939.....	201,000	134,300	80,000	43,200				
1940.....	232,000	170,000	102,500	55,500				
1941.....	278,000	195,300	118,000	66,350				
1942.....	333,000	234,500	144,000	81,000				
1943.....	246,000	152,000	91,888	48,500	82,493	64,732	45,446	39,522
1944.....	180,385	135,200	84,076	54,100	82,132	78,097	57,487	40,971
1945.....	169,297	126,000	70,691	38,700	82,490	66,006	40,610	19,870
1946.....	159,635	110,000	66,531	30,000	75,754	65,691	44,603	25,565
1947 <sup>3</sup> .....	160,403	117,300	68,696	26,600	86,338	70,516	46,261	24,828

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, merchant mills, and commercial stocks at terminals.

<sup>2</sup> Includes old crop only.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 78.—Barley: Receipts graded by licensed inspectors, by class and grade, United States, 1937-1946

Year beginning July—	Barley (class I)											Total class I barley	
	Subclass (A) malting barley				Subclass (B) barley.								
	No. 1	No. 2	No. 3	Total	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1937.....	678	2,109	11,221	14,008	4,930	6,262	29,448	20,082	8,816	2,056	71,594	85,602	
1938.....	1,131	2,109	10,422	13,662	14,750	10,752	29,741	8,770	2,661	2,517	69,191	82,853	
1939.....	7,005	12,190	24,317	43,512	8,350	8,003	18,010	7,304	1,357	1,688	44,712	88,224	
1940.....	15,742	18,253	15,808	49,803	8,914	5,630	10,256	6,581	1,941	4,054	37,376	87,179	
1941.....	10,629	13,352	18,461	42,442	17,707	11,184	25,224	13,358	2,690	5,683	75,846	118,288	
1942.....	9,194	7,862	15,456	32,512	29,485	13,379	37,062	18,224	3,547	7,810	109,507	142,019	
1943.....	4,789	3,377	13,819	21,985	52,510	22,357	40,594	19,282	3,811	7,539	146,093	168,078	
1944.....	4,623	2,783	9,245	16,651	56,726	24,888	39,579	27,845	8,841	12,536	170,415	187,066	
1945.....	8,309	5,458	7,473	21,240	51,860	24,490	29,971	12,292	4,250	7,864	130,727	151,967	
1946.....	8,829	4,454	4,949	18,232	70,210	29,363	21,044	8,085	2,723	5,516	136,941	155,173	

  

Year beginning July—	Western barley (class III)								Total all classes
	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total class III		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		
1937.....	4,779	1,584	576	178	73	354	7,544	93,173	
1938.....	5,414	1,498	546	184	70	227	7,939	90,803	
1939.....	6,235	1,902	522	192	69	147	9,067	97,299	
1940.....	5,935	1,851	662	339	109	162	9,058	96,238	
1941.....	5,451	1,998	843	429	213	490	9,424	127,725	
1942.....	10,722	4,667	2,130	1,270	744	307	19,840	161,869	
1943.....	12,976	5,510	2,323	1,088	626	339	22,862	190,984	
1944.....	14,284	5,900	1,723	614	218	405	23,144	210,222	
1945.....	14,810	6,200	1,533	521	275	401	23,740	175,717	
1946.....	20,117	4,687	1,212	462	171	314	26,963	182,140	

<sup>1</sup> Includes class II, Black barley, and class IV, Mixed barley, not shown separately in table.

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,600 bushels per car for the years 1937-43 and 1,900 bushels for the years 1944-46.

TABLE 79.—*Barley: Supply and distribution, 1939-48*

## SUPPLY

Year beginning July—	Carry-over July 1				Production	Imports <sup>2</sup>	Total supply
	Farm	Terminal market <sup>1</sup>	Interior mills, elevators, and warehouses	Total			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939 .....	45,000	6,210	-----	<sup>3</sup> 51,210	278,193	2,694	<sup>3</sup> 332,097
1940 .....	43,200	6,956	-----	<sup>3</sup> 50,156	311,278	2,335	<sup>3</sup> 363,760
1941 .....	55,500	4,931	-----	<sup>3</sup> 60,431	362,568	2,323	<sup>3</sup> 425,322
1942 .....	66,350	3,600	-----	<sup>3</sup> 69,950	429,450	27,245	<sup>3</sup> 526,645
1943 .....	81,000	9,028	30,494	120,522	322,913	41,179	484,614
1944 .....	48,500	6,923	20,514	75,937	276,112	37,932	389,981
1945 .....	54,100	14,479	26,492	95,071	266,833	5,814	367,718
1946 .....	38,700	4,464	15,406	58,570	262,258	4,286	325,114
1947 .....	30,000	7,753	17,812	55,565	279,182	1,187	335,934
1948 <sup>4</sup> .....	26,600	6,740	18,088	51,428	-----	-----	-----

## DISTRIBUTION

Year beginning July—	Used in producing malt		Seed <sup>7</sup>	Feed, other uses, and waste <sup>8</sup>	Exports <sup>2</sup>	Total disappearance	Domestic disappearance <sup>9</sup>	Stocks, end of year
	For alcohol and alcoholic beverages <sup>5</sup>	For other purposes <sup>6</sup>						
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939 .....	57,376	3,175	25,573	190,990	4,827	281,941	277,114	<sup>3</sup> 50,156
1940 .....	58,441	3,636	25,847	213,427	1,987	303,338	301,351	<sup>3</sup> 60,431
1941 .....	69,353	4,318	32,088	246,192	3,421	355,372	351,951	<sup>3</sup> 69,950
1942 .....	78,994	5,500	28,483	321,462	2,178	436,617	434,439	<sup>10</sup> 90,028
1943 .....	84,644	6,128	23,369	291,556	2,980	408,677	405,697	75,937
1944 .....	94,149	5,506	18,983	171,577	4,695	294,910	290,215	95,071
1945 .....	81,838	6,806	18,674	192,571	9,259	309,148	299,889	58,570
1946 .....	87,683	6,951	19,489	139,062	<sup>11</sup> 16,385	269,549	253,164	55,565
1947 <sup>4</sup> .....	-----	7,000	21,836	-----	<sup>11</sup> 24,247	284,506	260,259	51,428

<sup>1</sup> Commercial stocks at terminal markets.

<sup>2</sup> Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Both imports and exports include grain equivalent of malt.

<sup>3</sup> Exclusive of stocks at interior mills, elevators, and warehouses, data for which are not available.

<sup>4</sup> Preliminary.

<sup>5</sup> Compiled from reports of the Bureau of Internal Revenue. Includes small quantities of barley grain.

<sup>6</sup> Estimated on basis of total malt production and quantities exported, imported, and used in alcohol and alcoholic beverages.

<sup>7</sup> Based on acreage seeded to the following crop.

<sup>8</sup> Residual, mostly feed.

<sup>9</sup> Total disappearance, minus exports of barley grain and grain-equivalent of malt exported.

<sup>10</sup> Excludes interior mill, elevator, and warehouse stocks, for computing 1942-43 disappearance.

<sup>11</sup> Includes exports for military civilian feeding abroad.

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TABLE 80.—*Barley: Average price per bushel for specified grades at selected markets, 1938-47*

Year beginning August—	Minneapolis <sup>1</sup>		Kansas City <sup>2</sup>	San Francisco <sup>2</sup>	Chicago <sup>2</sup>	Winnipeg <sup>3</sup>
	No. 3	No. 2 Malting	No. 3	Feed barley (Good)	Feed barley	No. 3 Western
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1938.....	48.2	53.4	37.8	48.5	40.5	36
1939.....	49.2	55.3	49.2	45.1	42.2	40
1940.....	48.3	51.8	45.7	54.8	46.6	41
1941.....	65.5	78.6	54.7	82.6	56.1	54
1942.....	78.3	92.0	81.1	85.9	76.8	56
1943.....	121.4	128.8	114.5	124.8	116.8	59
1944.....	118.6	130.2	107.2	109.8	101.8	59
1945.....	127.7	131.3	122.9	134.0	119.8	59
1946.....	173.9	177.9	140.9	150.7	136.7	85
1947.....	221.8	231.9	177.2	184.6	177.2	4 111

<sup>1</sup> Average of daily prices, weighted by carlot sales.<sup>2</sup> Average of daily prices.<sup>3</sup> Average spot price in United States currency.<sup>4</sup> Export price to countries other than United Kingdom.

Bureau of Agricultural Economics and Production and Marketing Administration.

TABLE 81.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1929-47<sup>1</sup>

Calendar year	Wheat		Rye		Rice (milled)		Corn <sup>4</sup>					Oats		Barley <sup>5</sup>								
	Total wheat consumed	Per capita consumption of food products		Total rye consumed	Per capita consumption of rye flour	Total rice consumed <sup>a</sup>	Per capita consumption of rice products	Per capita consumption of food products					Total oats consumed	Per capita consumption of oatmeal	Total barley consumed as food	Per capita consumption of food products						
		Wheat flour <sup>2</sup>	Cereal					Meal	Cereal	Sirup	Sugar	Starch					Million bushels	Pounds	Million bushels	Pounds		
1929	601	Pounds	172.0	3.3	Million bushels	701.7	Pounds	5.8	Million bushels	30.5	Pounds	3.1	7.8	6.2	1.7	Million bushels	55	Pounds	5.2	18	Pounds	4.9
1930	500	168.9	3.5	3.2	699.5	5.3	3.2	28.3	7.4	5.8	3.0	4.1	1.5	5.4	1.5	41	6.0	20	6.0	20	5.4	
1931	487	159.9	3.5	3.5	714.7	5.7	3.5	26.6	6.6	5.5	3.0	4.4	1.3	5.8	1.3	44	6.3	21	6.3	21	5.8	
1932	470	157.4	3.5	3.0	661.9	5.3	3.0	139	5.8	5.3	2.4	4.0	1.1	4.3	1.1	40	5.7	16	5.7	16	4.3	
1933	460	152.6	3.5	2.6	762.1	6.0	2.6	26.5	7.7	7.3	1.9	3.5	1.4	4.9	1.4	35	4.9	10	4.9	10	4.8	
1934	463	153.3	3.5	2.5	595.8	4.7	2.5	141	7.4	6.8	1.6	4.2	1.4	4.5	1.4	32	4.5	8	4.5	8	4.5	
1935	461	150.3	3.6	2.5	713.0	5.6	2.5	132	7.4	6.8	1.4	4.2	1.4	4.5	1.4	29	4.0	6	4.0	6	4.5	
1936	485	157.5	3.5	2.3	664.8	5.2	2.3	24.0	8.4	8.4	1.6	2.8	1.4	4.0	1.4	28	3.9	6	3.9	6	4.5	
1937	474	152.8	3.6	2.1	768.3	5.9	2.1	136	7.5	7.5	1.8	2.7	1.3	3.8	1.3	27	3.8	5	3.8	5	4.4	
1938	480	153.4	3.7	2.2	764.5	5.9	2.2	141	8.4	8.4	1.9	2.9	1.3	3.8	1.3	28	3.8	4	3.8	4	4.4	
1939	469	147.4	3.8	2.2	730.6	5.6	2.2	147	7.7	7.7	1.9	3.0	1.3	3.8	1.3	29	4.0	4	4.0	4	4.4	
1940	484	152.2	3.8	2.4	775.1	5.9	2.4	151	8.0	8.0	1.9	3.0	1.3	3.8	1.3	30	4.0	4	4.0	4	4.4	
1941	494	155.7	3.8	2.5	722.7	5.8	2.5	160	7.9	7.9	2.3	3.0	1.3	3.8	1.3	29	4.0	4	4.0	4	4.4	
1942	499	162.7	3.8	2.5	751.7	5.8	2.5	172	8.4	8.4	2.5	3.0	1.3	3.8	1.3	35	4.8	6	4.8	6	4.5	
1943	498	162.2	3.7	2.6	697.5	4.9	2.6	167	8.4	8.4	2.6	3.0	1.3	3.8	1.3	40	4.0	6	4.0	6	4.5	
1944	493	159.1	3.7	2.6	697.5	4.7	2.6	170	8.4	8.4	2.5	3.0	1.3	3.8	1.3	31	4.0	7	4.0	7	4.5	
1945	484	151.7	3.7	2.6	607.5	4.7	2.6	167	8.4	8.4	2.5	3.0	1.3	3.8	1.3	40	4.0	7	4.0	7	4.5	
1946	484	151.7	3.5	1.9	548.3	4.1	1.9	162	8.4	8.4	2.2	3.0	1.3	3.8	1.3	45	4.0	8	4.0	8	4.5	
1947	483	142.5	3.5	1.7	700.2	4.9	1.7	177	8.4	8.4	2.5	3.0	1.3	3.8	1.3	45	4.0	8	4.0	8	4.5	

<sup>1</sup> Consumption data for most grains are measured at the processing level. Total consumption is the grain equivalent of the processed products shown in the table.

<sup>2</sup> Includes white, whole wheat, and semolina flour.

<sup>3</sup> Rice consumption for year beginning August 1934.

<sup>4</sup> Includes minor quantities of some corn products used in the manufacture of malt beverages. Total corn includes an allowance for the quantity used as hominy and grits.

<sup>5</sup> Barley consumed in food products, excluding malt beverages, expressed in terms of malt equivalent. Includes quantities used as pearl barley, flour, and malt extract.

<sup>6</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by the total population adjusted for under enumeration of children under 5 years of age and members of the armed forces not eating out of civilian supplies.

<sup>7</sup> Preliminary.

Bureau of Agricultural Economics. All figures are estimates based on data from the Census of Manufactures, the Corn Refiners Statistical Bureau, the Department of Commerce, the Bureau of Internal Revenue, and other sources. Data for 1909-1928 in Agricultural Statistics, 1944, table 80.



TABLE 82.—Sorghums for grain, silage, and forage: Acreage, production, season average price received by farmers, and value, United States, 1929-47

Year	Acreage planted for all purposes <sup>1</sup>	Grain <sup>2</sup>				Silage		Forage			
		Acreage harvested	Production	Price <sup>3</sup>	Farm value	Acreage harvested	Production	Acreage harvested	Production	Price <sup>4</sup>	Farm value
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>1,000 tons <sup>5</sup></i>	<i>1,000 acres</i>	<i>1,000 tons <sup>6</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929		<i>3,522</i>	<i>49,080</i>								
1929	8,830	3,523	49,967	74.5	37,240	103	628	4,609	6,683	9.98	66,673
1930	9,447	3,477	37,361	55.3	20,788	106	572	5,089	6,326	9.62	60,852
1931	10,685	4,443	71,914	30.0	21,573	133	775	5,392	7,180	6.01	43,138
1932	12,070	4,400	66,097	29.8	19,669	232	1,345	6,172	8,071	4.18	33,705
1933	12,602	4,354	54,386	50.6	27,515	377	1,791	6,697	8,418	5.45	45,911
1934		<i>2,370</i>	<i>18,599</i>								
1934	14,612	2,396	19,209	94.8	15,201	816	2,244	8,182	7,417	10.61	78,695
1935	16,492	4,597	57,610	55.3	31,855	666	3,133	9,072	12,652	6.15	74,121
1936	13,355	2,793	30,270	92.9	25,113	749	2,874	6,975	6,579	8.38	55,123
1937	13,001	4,915	69,948	48.5	33,917	550	2,988	6,036	7,713	7.08	54,570
1938	15,561	4,699	67,210	39.1	26,261	740	4,512	8,636	12,553	4.87	61,092
1939		<i>4,693</i>	<i>52,442</i>								
1939	17,863	4,760	53,280	56.9	30,321	904	4,364	9,826	11,716	5.82	68,177
1940	21,208	6,374	85,824	47.8	41,019	1,081	6,217	11,729	16,110	5.22	84,119
1941	18,800	6,015	113,543	54.9	62,319	1,233	7,896	10,481	17,069	5.25	89,549
1942	16,082	5,991	100,653	<sup>7</sup> 77.7	85,223	927	6,032	7,865	13,640	5.55	75,712
1943	17,725	6,889	109,536	<sup>7</sup> 114.0	124,885	913	4,733	8,404	10,982	13.00	142,848
1944		<i>9,001</i>	<i>177,702</i>								
1944	18,458	9,385	184,962	<sup>7</sup> 91.3	168,880	879	5,641	7,587	11,553	10.90	125,807
1945	15,912	6,408	97,014	119.0	115,816	680	3,622	7,504	9,816	12.00	117,957
1946	14,749	6,773	106,941	139.0	148,753	644	3,685	6,240	8,601	14.60	125,755
1947 <sup>8</sup>	11,700	5,606	95,609	179.0	171,107	668	3,445	4,861	6,070	17.30	105,054

<sup>1</sup> Grain and sweet sorghums for all uses, including sirup.  
<sup>2</sup> Includes both grain sorghums for grain and sweet sorghums for grain or seed.  
<sup>3</sup> Based on the reported price of grain sorghums.  
<sup>4</sup> Dec. 1 price; prior to 1942, price of sweet sorghums for forage and hay.  
<sup>5</sup> Green weight.  
<sup>6</sup> Dry weight.  
<sup>7</sup> Includes an allowance for unredeemed loans at average loan value.  
<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 83.—Sorghums for grain, forage, and silage: Acreage, yield, production and season average price received by farmers, by States, average 1936-45, annual 1946 and 1947

SORGHUMS FOR GRAIN

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45 <sup>(2)</sup>	1946	1947
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Cents <sup>(3)</sup></i>	<i>Cents <sup>(3)</sup></i>	<i>Cents <sup>(3)</sup></i>
Indiana	4	2	1	26.6	30.0	26.0	4	53	30	26	4	88
Illinois	2	1	1	26.4	30.0	24.0	4	44	30	24	81	112
Iowa	3	1	1	22.1	20.0	16.0	7	44	20	16	81	137
Missouri	58	44	38	17.6	22.0	16.0	1,071	968	608	85	137	207
North Dakota	4	5	4	14.4	13.0	15.0	4	67	52	75	84	122
South Dakota	113	37	18	9.8	16.0	9.0	1,170	592	162	74	119	179
Nebraska	160	51	44	14.2	18.0	15.0	2,159	918	600	73	115	190
Kansas	1,213	851	754	13.5	13.5	14.5	18,253	11,488	10,933	74	130	199
Alabama		26	38		21.0	20.0		546	760		131	171
Arkansas	10	8	10	14.1	15.5	15.5	146	124	155	92	140	172
Louisiana	2	1	1	15.6	17.0	16.0	25	17	16	92	140	171
Oklahoma	726	636	471	11.1	11.5	11.0	8,398	7,314	5,181	80	135	193
Texas	3,003	4,613	3,801	16.1	16.0	18.0	50,164	73,742	63,313	72	141	171
Colorado	161	191	160	11.3	13.0	15.0	1,893	2,483	2,400	71	126	184
New Mexico	200	108	141	12.6	10.4	10.6	2,810	1,127	1,488	70	129	182
Arizona	32	55	52	32.1	36.0	41.0	1,047	1,980	2,132	87	133	216
California	135	145	70	35.4	38.0	38.0	4,775	5,510	2,660	93	156	232
United States	5,823	6,773	5,606	15.2	15.8	17.1	92,124	106,941	95,609	74.2	139	179

<sup>1</sup> See footnotes at end of table.

TABLE 83.—Sorghums for grain, forage, and silage: Acreage, yield, production, and season average price received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued

## SORGHUMS FOR FORAGE

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons (5)	Tons (5)	Tons (5)	1,000 tons <sup>5</sup>	1,000 tons <sup>5</sup>	1,000 tons <sup>5</sup>	Dol-lars <sup>6</sup>	Dol-lars <sup>6</sup>	Dol-lars <sup>6</sup>
Indiana.....	2	1	-----	2.65	2.60	-----	5	3	-----	6.54	8.00	-----
Illinois.....	6	2	2	2.63	3.00	2.50	16	6	5	7.14	8.00	11.00
Minnesota.....	19	8	10	2.74	2.30	2.20	54	18	22	4.03	6.50	8.30
Iowa.....	36	2	2	3.19	3.50	2.50	118	7	5	5.39	7.00	8.80
Missouri.....	235	105	111	2.16	2.20	1.80	513	231	200	6.73	10.50	10.00
North Dakota.....	101	58	54	1.40	1.20	1.40	149	70	76	4.82	6.50	10.00
South Dakota.....	592	177	152	1.28	1.70	1.30	774	301	198	4.34	7.00	8.60
Nebraska.....	698	316	273	1.56	1.65	1.50	1,114	521	410	4.89	9.50	9.10
Kansas.....	1,409	1,302	989	1.74	1.60	1.40	2,446	2,083	1,385	5.54	11.00	12.50
Virginia.....	4	12	13	1.80	2.00	2.10	8	24	27	12.60	15.00	18.50
North Carolina.....	16	15	14	1.90	2.00	2.15	30	30	30	13.80	23.00	20.50
South Carolina.....	19	18	19	1.33	1.50	1.40	26	27	27	13.50	20.00	25.00
Georgia.....	37	32	35	1.26	1.35	1.30	47	43	46	13.00	19.00	19.00
Kentucky.....	31	23	24	2.45	3.00	3.00	77	69	72	7.39	9.00	10.30
Tennessee.....	42	33	31	2.08	2.10	2.30	86	69	71	9.19	13.00	13.00
Alabama.....	27	30	29	1.44	1.55	1.35	40	46	39	12.60	21.00	22.50
Mississippi.....	26	18	18	1.59	1.50	1.70	42	27	31	12.60	19.50	22.00
Arkansas.....	96	60	66	1.44	1.45	1.40	136	87	92	9.65	15.00	17.30
Louisiana.....	8	5	5	1.49	1.60	1.35	12	8	7	10.20	15.00	16.00
Oklahoma.....	1,084	1,107	818	1.23	1.30	1.10	1,338	1,439	900	8.90	16.50	17.50
Texas.....	3,257	2,390	1,750	1.21	1.22	1.10	3,970	2,920	1,925	10.30	18.50	25.00
Montana.....	8	6	5	1.15	1.15	1.30	10	7	6	6.31	10.00	11.00
Wyoming.....	18	8	7	.76	.60	.75	13	5	5	6.74	10.00	13.00
Colorado.....	475	350	304	1.01	1.10	1.30	491	385	395	6.84	13.00	14.00
New Mexico.....	249	155	125	.94	1.03	.67	239	159	84	10.40	17.00	23.00
Arizona.....	6	5	3	1.85	1.75	1.75	11	9	5	9.71	18.00	20.00
California.....	43	2	2	3.75	3.50	3.50	4	7	7	4.75	10.00	15.00
United States.....	8,504	6,240	4,861	1.37	1.38	1.25	11,773	8,601	6,070	7.81	14.60	17.30

## SORGHUMS FOR SILAGE

Indiana.....	6	3	2	10.3	11.0	8.5	67	33	17	-----	-----	-----
Illinois.....	12	2	3	10.0	10.5	9.0	126	21	27	-----	-----	-----
Minnesota.....	11	2	2	7.5	6.5	6.0	91	13	12	-----	-----	-----
Iowa.....	23	1	2	9.7	11.0	6.0	245	11	12	-----	-----	-----
Missouri.....	40	25	36	7.8	8.5	7.0	302	212	252	-----	-----	-----
North Dakota.....	6	2	1	2.7	2.5	3.0	15	5	3	-----	-----	-----
South Dakota.....	22	7	9	2.4	4.0	2.5	53	28	22	-----	-----	-----
Nebraska.....	90	23	22	4.8	5.0	4.3	454	115	95	-----	-----	-----
Kansas.....	328	350	409	5.7	6.0	5.3	1,924	2,100	2,168	-----	-----	-----
South Carolina.....	2	3	3	5.4	5.0	5.0	13	15	15	-----	-----	-----
Georgia.....	4	3	4	4.8	5.0	4.5	17	15	18	-----	-----	-----
Tennessee.....	6	6	6	7.6	7.0	7.0	45	42	42	-----	-----	-----
Alabama.....	5	5	4	6.9	6.0	6.5	35	30	26	-----	-----	-----
Mississippi.....	10	12	13	8.3	8.5	8.2	81	102	107	-----	-----	-----
Arkansas.....	4	5	3	5.7	5.5	5.3	20	28	16	-----	-----	-----
Oklahoma.....	58	82	61	4.3	4.0	3.7	252	328	226	-----	-----	-----
Texas.....	206	90	72	4.4	4.1	3.8	926	373	270	-----	-----	-----
Colorado.....	8	5	6	3.4	5.5	4.5	30	28	27	-----	-----	-----
New Mexico.....	12	2	2	3.4	4.0	3.0	45	8	6	-----	-----	-----
Arizona.....	8	12	4	10.4	11.5	11.0	77	138	44	-----	-----	-----
California.....	3	4	4	10.4	10.0	10.0	33	40	40	-----	-----	-----
United States.....	869	644	668	5.55	5.72	5.16	4,888	3,685	3,445	-----	-----	-----

<sup>1</sup> Preliminary.<sup>2</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.<sup>3</sup> Based on the reported price of grain sorghums.<sup>4</sup> Short-time average.<sup>5</sup> Dry weight for forage; green weight for silage.<sup>6</sup> Dec. 1 price; prior to 1942, price of sweet sorghums for forage and hay.

Bureau of Agricultural Economics.

TABLE 84.—*Sorghum grain: Production and farm disposition, United States, 1938-47*

Crop of—	Production	Feed and seed	Sold	Crop of—	Production	Feed and seed	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	67,210	48,632	18,578	1943.....	109,536	51,036	58,500
1939.....	53,280	39,131	14,149	1944.....	184,962	78,220	106,742
1940.....	85,824	58,948	26,876	1945.....	97,014	42,837	54,177
1941.....	113,543	75,614	37,929	1946.....	106,941	40,138	66,803
1942.....	109,653	76,024	33,629	1947 <sup>1</sup> .....	95,609	30,277	65,332

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 85.—*Sorghum grain: Production and farm disposition, by States, crops of 1946 and 1947*

State	Crop of 1946			Crop of 1947 <sup>1</sup>		
	Production	Feed and seed	Sold	Production	Feed and seed	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Indiana.....	30	19	11	26	13	13
Illinois.....	30	14	16	24	12	12
Iowa.....	20	8	12	16	8	8
Missouri.....	968	891	77	608	547	61
North Dakota.....	52	32	20	75	45	30
South Dakota.....	592	355	237	162	105	57
Nebraska.....	918	578	340	660	442	218
Kansas.....	11,488	6,204	5,284	10,933	5,357	5,576
Alabama.....	546	491	55	760	623	137
Arkansas.....	124	115	9	155	144	11
Louisiana.....	17	16	1	16	15	1
Oklahoma.....	7,314	5,412	1,902	5,181	3,886	1,295
Texas.....	73,742	23,597	50,145	68,313	17,078	51,235
Colorado.....	2,483	670	1,813	2,400	720	1,680
New Mexico.....	1,127	789	338	1,488	595	893
Arizona.....	1,980	396	1,584	2,132	235	1,897
California.....	5,510	551	4,959	2,660	452	2,208
United States.....	106,941	40,138	66,803	95,609	30,277	65,332

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 86.—*Grain sorghums: Receipts graded by licensed inspectors, by grades, United States, 1937-46*

Year beginning October—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Percent</i>
1937.....	1,287	4,031	1,221	463	407	7,409	72
1938.....	1,127	2,476	391	120	209	4,323	83
1939.....	977	1,953	337	98	122	3,487	84
1940.....	769	3,704	1,156	734	448	6,811	66
1941.....	1,658	12,572	5,488	1,701	1,058	22,477	63
1942.....	10,042	15,794	3,214	920	2,439	32,409	80
1943.....	20,104	26,907	4,901	1,593	3,479	56,984	82
1944.....	43,360	82,747	17,636	6,404	10,350	160,497	78
1945.....	11,907	30,192	9,122	2,853	10,768	64,842	65
1946.....	18,370	50,454	12,801	2,997	9,330	93,952	73

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,400 bushels per car for the years 1937-43 and 1,700 bushels for the years 1944-46.

TABLE 87.—*Grain sorghums: Average market price at indicated markets and season average price received by farmers in California, Kansas, Oklahoma, Texas, and United States, per 100 pounds, 1937-47*

Year beginning October—	No. 2 Yellow Milo			No. 2 White Kafir		Average price received by farmers in—				
	Kansas City	Fort Worth	Los Angeles	Kansas City	Fort Worth	California	Kansas	Oklahoma	Texas	United States
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1937.....	1.01	1.02	1.32	.84	.99	1.18	.82	.95	.80	.87
1938.....	.91	1.02	1.23	.89	.99	.95	.62	.79	.66	.70
1939.....	1.25	1.26	1.33	1.20	1.22	1.23	.98	1.12	1.00	1.02
1940.....	.98	1.15	1.41	.97	1.14	1.09	.71	.91	.91	.86
1941.....	1.22	1.23	1.72	1.23	1.18	1.50	.95	1.04	.95	.98
1942.....	1.97	1.97	2.47	1.97	1.95	1.70	1.52	1.55	1.30	1.38
1943.....	2.34	2.34	2.68	2.34	2.35	2.64	2.09	2.20	1.96	2.04
1944.....	2.14	2.12	2.46	2.13	2.11	2.09	1.62	1.66	1.61	1.63
1945.....	2.72	2.79	3.21	2.72	2.79	2.66	2.09	2.14	2.11	2.12
1946.....	2.90	2.91	3.30	2.99	2.91	2.79	1.98	2.41	2.52	2.48
1947.....	3.58	3.52	3.89	3.58	3.52	4.14	3.55	3.45	3.05	.

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 88.—*Feed grains: Average price per 100 pounds, selected markets and grades 1937-47*

Year beginning October—	Kansas City				Chicago		
	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, No. 3	Grain sorghum, No. 2 Yellow Milo	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, feed
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1937.....	1.00	.92	.97	1.01	1.02	.86	1.01
1938.....	.83	.89	.82	.91	.85	.96	.84
1939.....	1.02	1.14	1.02	1.25	.97	1.20	.88
1940.....	1.05	1.15	.97	.68	1.19	1.19	1.01
1941.....	1.39	1.50	1.19	1.22	1.42	1.59	1.20
1942.....	1.60	2.08	1.84	1.97	1.62	2.02	1.77
1943.....	2.01	2.45	2.37	2.34	2.04	2.46	2.41
1944.....	1.96	2.20	2.24	2.14	2.06	2.19	2.13
1945.....	2.44	2.48	2.68	2.72	3.46	2.48	2.58
1946.....	2.74	2.91	3.04	2.90	3.22	2.92	2.98
1947.....	4.35	5.54	3.52	3.58	4.16	3.50	3.52

  

Year beginning October—	Minneapolis			San Francisco		
	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, No. 3	Corn, No. 2 Yellow	Barley, No. 2 Bright Western	Grain sorghum, No. 2 Yellow Milo
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1937.....	.94	.82	1.05	1.45	1.18	1.31
1938.....	.80	.89	.86	1.32	1.00	1.20
1939.....	.94	.98	.94	1.54	.92	1.40
1940.....	1.14	1.12	.93	1.60	1.25	1.34
1941.....	1.31	1.46	1.22	1.83	1.69	1.73
1942.....	1.68	1.92	1.71	2.19	1.96	2.32
1943.....	2.01	2.37	2.35	2.52	2.54	2.82
1944.....	1.98	2.10	2.19	2.51	2.31	2.46
1945.....	2.83	2.38	2.56	3.00	2.91	3.17
1946.....	3.00	2.85	2.99	3.70	3.24	3.38
1947.....	4.09	3.33	3.40	4.62	3.70	4.10

Production and Marketing Administration and Bureau of Agricultural Economics. Prices of corn and oats at Kansas City, Chicago, and Minneapolis were computed by weighting selling prices by reported number of carlots sold. Prices of barley and grain sorghum at Kansas City and of barley at Chicago and Minneapolis are average of prices at the close of each day. Prices at San Francisco are the average of prices on one day each week.

TABLE 89.—Commercial feeds: Estimated disappearance for feed, 1937-47

Year beginning October—	Mill products								Total
	Wheat mill- feeds	Gluten feed and meal	Rice mill- feeds	Brewers' dried grains	Distillers' dried grains	Dried and molasses beet pulp <sup>2</sup>	Alfalfa meal		
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1937.....	4,448	545	124	102	149	246	370	5,984	
1938.....	4,762	567	124	104	149	339	410	6,455	
1939.....	4,625	614	120	100	163	286	440	6,348	
1940.....	4,786	759	125	116	206	322	470	6,784	
1941.....	4,619	965	125	174	345	298	590	7,116	
1942.....	5,324	927	145	230	356	300	650	7,962	
1943.....	5,547	842	139	231	444	161	734	8,098	
1944.....	5,638	864	150	217	634	182	922	8,607	
1945.....	4,896	802	155	213	326	218	1,191	7,801	
1946.....	6,144	1,040	166	229	410	300	1,036	9,325	
1947.....	5,540	799	177	228	353	313	1,000	8,410	

  

Year beginning October—	Oilseed cake and meal						Animal proteins				Total com- mercial feeds <sup>1</sup>
	Cot- ton- seed	Soy- bean	Lin- seed	Pea- nut	Copra	Total	Tank- age and meat scraps <sup>3</sup>	Fish meal	Dried milk <sup>4</sup>	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1937.....	2,332	719	177	50	119	3,397	608	221	140	969	10,350
1938.....	2,013	1,020	203	78	130	3,444	667	246	135	1,048	10,947
1939.....	1,762	1,276	394	38	180	3,650	728	238	150	1,116	11,114
1940.....	1,862	1,491	740	139	175	4,407	802	263	145	1,210	12,401
1941.....	1,821	1,785	891	71	71	4,639	835	207	125	1,167	12,922
1942.....	2,078	3,074	794	109	34	6,089	877	202	95	1,174	15,225
1943.....	1,790	3,323	998	111	33	6,255	975	195	100	1,271	15,624
1944.....	1,982	3,627	459	96	42	6,205	792	210	104	1,106	15,919
1945.....	1,433	3,655	563	83	69	5,803	745	194	105	1,044	14,648
1946.....	1,434	3,746	370	88	190	5,828	741	191	120	1,052	16,205
1947.....	1,954	3,440	605	106	177	6,282	822	200	110	1,132	15,824

<sup>1</sup> Other mill products, not listed, are screenings, hominy, and oat feeds, etc., for which no statistics are available

<sup>2</sup> Does not include moist sugar-beet pulp.

<sup>3</sup> Estimated on basis of Census reports for 1937-43.

<sup>4</sup> Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms.

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 90.—*Feedstuffs: Average price per ton, bagged, in wholesale lots, at leading markets, 1937-47*

Year beginning October—	Bran			Mill-run	Mid-dlings	Gray shorts	Cottonseed meal		Linseed meal		Soybean meal			
	Minneapolis	Kansas City	Buffalo				Portland	Minneapolis	Kansas City	41 percent protein		43 percent protein	34 percent protein	32 percent protein
										Memphis		Fort Worth	Minneapolis <sup>1</sup>	Buffalo <sup>2</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>			
1937-----	17.90	16.60	21.60	23.50	18.75	18.55	22.00	24.95	39.70	41.05	27.70			
1938-----	17.40	15.95	21.05	19.00	18.65	19.70	22.50	28.50	36.90	39.15	26.00			
1939-----	20.15	18.90	23.60	22.20	20.75	22.30	28.00	33.85	29.90	31.00	28.90			
1940-----	22.25	20.60	25.65	23.40	22.90	22.70	28.50	34.85	29.65	28.30	30.50			
1941-----	32.85	31.25	36.85	34.15	33.25	33.30	36.35	44.25	37.55	34.70	41.85			
1942-----	36.20	34.85	40.20	36.10	36.35	36.10	40.10	45.20	44.80	45.50	42.80			
1943-----	37.75	36.50	41.55	36.50	37.75	36.50	48.50	53.00	45.50	49.50	51.90			
1944-----	37.75	36.50	41.55	36.50	37.75	36.50	48.55	52.80	45.50	49.50	52.00			
1945-----	43.50	42.30	47.60	42.95	43.65	42.50	60.10	63.85	55.55	59.40	62.40			
1946-----	51.30	49.95	56.50	52.90	55.70	56.50	75.85	80.45	81.55	87.70	81.10			
1947-----	62.10	59.95	68.90	66.00	68.30	69.65	83.20	87.60	81.25	85.50	91.60			

  

Year beginning October—	Gluten feed, 23 percent protein	Hominy feed, white	Brewers' dried grains	Distillers' dried grains	Alfalfa meal		Copra meal 20 percent protein	Peanut meal 45 percent protein	Fish meal 67 percent protein	Tankage digester, 60 percent protein	Index number (Oct. 1935-Sept. 1940=100)
					Sun-cured, No. 1 fine	Dehydrated, 17 percent protein					
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
1937-----	22.60	21.70	20.25	28.25	20.40	27.85	28.75	25.00	42.50	46.00	89.7
1938-----	18.80	20.35	16.90	26.30	19.60	27.25	25.60	22.05	42.55	52.55	89.5
1939-----	22.05	23.60	22.10	28.10	22.05	30.15	24.60	29.35	51.20	49.65	98.8
1940-----	23.15	27.30	23.10	28.55	21.95	27.55	28.65	25.55	61.50	53.15	102.9
1941-----	28.70	32.05	30.70	34.90	30.10	40.70	45.95	40.60	74.60	74.25	137.9
1942-----	32.40	41.70	35.95	41.10	33.60	46.45	48.75	40.55	79.50	74.55	148.1
1943-----	40.95	49.25	37.00	41.00	42.75	58.45	49.15	53.00	79.50	74.55	165.6
1944-----	41.25	47.55	37.00	41.25	43.00	60.30	48.60	53.10	79.50	74.55	165.7
1945-----	48.85	55.80	44.45	46.85	44.65	60.30	52.70	61.10	83.45	82.80	193.3
1946-----	58.30	64.45	57.20	61.10	41.35	55.60	68.95	74.10	159.50	110.65	241.6
1947-----	74.45	81.15	66.50	79.90	43.35	59.85	83.05	83.20	163.20	119.40	279.5

<sup>1</sup> 1937-40, 37 percent; 1944-46, 32 percent.<sup>2</sup> 1939-40, 37 percent; 1941-43, 34 percent.<sup>3</sup> The index is based on the prices of the following commodities at the leading markets, weighted by average consumption: Bran, middlings and shorts, cottonseed meal, soybean meal, linseed meal, gluten feed, hominy feed, distillers' dried grains, brewers' dried grains, tankage, and alfalfa meal.

Production and Marketing Administration.

## CHAPTER II

### STATISTICS OF COTTON, SUGAR, AND TOBACCO

In addition to tables on cotton, sugar, and tobacco, this chapter includes tables on other fibers, sorgo sirup, maple sugar and sirup, honey, bees, and beeswax. Most cottonseed data, however, are in the chapter on oilseeds, fats, and oils.

International-trade tables on sugar and tobacco are new this year.

TABLE 91.—*Cotton: Acreage, production, value, and foreign trade, United States, 1929-47*

Year	Cotton <sup>1</sup>					Cottonseed		Cotton				
	Acreage in cultivation July 1	Acreage harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per pound received by farmers <sup>2</sup>	Farm value	Production	Farm value	Market price per pound year beginning August <sup>3</sup>		Foreign trade, year beginning August <sup>4</sup>	
									New York	New Orleans	Domestic exports <sup>5</sup>	Imports <sup>5</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Lb.</i>	<i>1,000 bales</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 tons</i>	<i>1,000 dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 bales</i>	<i>1,000 bales</i>
1929	43,227	43,227	14,574	16.78	1,243,840	6,406	198,164	16.60	16.16	7,035	396	
1929	44,448	43,232	14,825	9.46	658,981	6,028	133,054	10.38	10.08	7,133	112	
1930	43,329	42,444	13,932	5.66	483,575	7,310	65,678	6.34	6.20	9,193	138	
1931	39,110	38,704	211.5	6.52	423,975	5,815	60,202	7.37	7.26	8,895	136	
1932	36,494	35,891	173.5	10.17	663,383	5,511	71,166	11.09	10.92	7,964	156	
1932	40,248	39,383	13,003									
1933	40,248	39,383	212.7									
1934	27,860	26,754	9,472	12.36	595,572	4,256	140,574	12.44	12.44	5,037	112	
1934	27,860	26,866	171.6	9.09	590,021	4,634	141,527	11.75	11.65	6,267	162	
1935	28,063	27,509	185.1	12.36	766,222	5,472	182,230	12.93	12.79	5,689	265	
1936	30,627	29,755	199.4	8.41	796,469	7,844	152,974	8.75	8.79	5,976	166	
1937	34,090	33,623	269.9	8.60	513,704	4,950	107,874	8.99	8.73	3,512	157	
1938	25,018	24,248	235.8									
1938	25,018	24,248	11,943									
1939	22,811	22,811	11,481	9.09	536,996	4,869	102,933	10.34	10.03	6,501	176	
1939	24,683	23,805	237.9	9.89	621,284	5,286	114,817	11.55	11.06	1,174	202	
1940	24,871	23,861	252.5	17.03	914,313	4,553	216,961	19.16	18.17	1,162	279	
1941	23,130	22,236	231.9	19.04	1,219,716	5,202	237,221	20.99	19.96	1,498	180	
1942	23,302	22,602	272.4	19.88	1,135,605	4,688	244,059	21.30	20.44	1,146	145	
1943	21,900	21,610	254.0									
1943	21,900	21,610	11,427									
1944	19,990	19,651	298.9	20.73	1,267,857	4,902	258,163	22.57	21.69	1,909	193	
1945	17,562	17,059	253.6	22.52	1,014,823	3,664	187,155	26.68	25.82	3,678	342	
1946	18,190	17,615	235.3	32.64	1,409,671	3,513	252,674	35.51	34.65	3,642	284	
1947	21,500	21,269	267.3	31.93	1,892,528	4,681	402,015	35.44	34.41			

<sup>1</sup> Census of Agriculture figures for all periods are in running bales. Department of Agriculture figures are in 500-pound gross-weight bales for all years.

<sup>2</sup> Gross weight price, including bagging and ties.

<sup>3</sup> New York prices from reports of the New York Cotton Exchange. New Orleans prices from reports of the New Orleans Cotton Exchange. These central-market prices are for middling grade,  $\frac{1}{8}$  inch staple, through 1939; beginning August 1940, prices are for 15/16-inch staple.

<sup>4</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January, June, and July issues and official records of the Department of Commerce.

<sup>5</sup> Equivalent bales of 500 pounds gross weight.

<sup>6</sup> Acreage in cultivation July 1 less removal of acreage reported by the Agricultural Adjustment Administration, less abandonment on area not under contract.

<sup>7</sup> Includes an allowance for unredeemed loans at season average price or average loan value, whichever is higher.

<sup>8</sup> Imports for consumption, beginning January 1934; reexports not considered beginning this date.

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Production figures conform with census annual ginning enumerations. Data for 1899-1928 in Agricultural Statistics, 1942, table 136.

TABLE 92.—Cotton: Acreage, production, and season average price per pound of lint and per ton of cottonseed received by farmers, by States, by States, average 1936-45, annual 1946 and 1947

State	Cotton lint						Cottonseed					
	Acreage in cultivation July 1		Acreage harvested		Production (500-pound gross weight bales)		Price <sup>2</sup> for crop of—		Production		Price for crop of—	
	Aver- age 1936-45	1946	1947 <sup>1</sup>	Aver- age 1936-45	1946	1947 <sup>1</sup>	Aver- age 1936-45	1946	1947 <sup>1</sup>	Aver- age 1936-45	1946	1947 <sup>1</sup>
Missouri.....	1,000 acres	318	1,000 acres	431	1,000 bales	311	Cents per pound	31.00	1,000 tons	132	Dollars	70.30
Virginia.....	39	23	23	38	307	311	14.62	32.21	139	132	33.40	83.80
North Carolina.....	842	576	654	828	26	17	14.73	32.21	11	7	36.40	82.80
South Carolina.....	1,216	963	1,055	1,226	597	440	15.12	32.65	245	177	36.40	80.40
Georgia.....	1,883	1,217	1,278	1,854	765	697	16.12	34.13	311	281	36.80	87.00
Florida.....	65	20	24	1,270	917	557	15.09	32.57	377	223	36.80	82.20
Tennessee.....	736	625	704	622	20	6	14.72	32.71	9	2	33.00	72.90
Alabama.....	1,918	1,545	1,505	725	620	700	14.54	32.33	208	205	36.70	88.30
Mississippi.....	2,616	2,349	2,379	1,889	1,530	1,500	14.82	33.66	391	313	36.20	79.50
Arkansas.....	2,120	1,729	2,085	2,582	2,220	2,350	14.38	33.22	775	425	38.20	89.10
Louisiana.....	1,127	833	838	1,102	800	830	14.68	32.36	586	582	36.00	86.10
Oklahoma.....	1,832	1,074	1,155	1,739	1,020	1,120	13.35	33.16	267	103	35.00	79.80
Texas.....	8,937	6,283	8,426	8,020	6,000	8,350	14.70	30.24	242	109	34.90	87.50
New Mexico.....	118	120	157	116	119	142	16.17	32.16	1,247	694	36.50	86.00
Arizona.....	215	145	226	186	158	234	17.51	33.64	46	56	38.70	94.10
California.....	367	359	536	362	442	458	15.19	30.94	179	185	38.90	89.00
All other <sup>3</sup> .....	21	14	14	21	18	10	14.24	31.08	7	4	35.30	85.40
United States.....	24,517	18,190	21,500	23,845	17,615	21,269	14.76	32.64	5,143	3,513	36.70	71.90
American Egyptian.....	70.7	3.1	1.5	68.9	3.1	1.2						

<sup>1</sup> Preliminary.<sup>2</sup> Gross weight price, including bagging and ties. For certain years, prices include an allowance for unredeemed loans at season average price or average loan value, whichever is higher.<sup>3</sup> Illinois, Kansas, and Kentucky.

Bureau of Agricultural Economics. Cotton production figures conform with census annual ginning enumerations, with allowance for cross-State ginnings. State and United States totals include Sea Island and American Egyptian cotton. Due to very small acreage, Sea Island cotton is not reported separately.



TABLE 93.—*Cotton: Percentage reduction from full yield per acre from stated causes, by States, 1946 and 1947*

State	Deficient moisture		Excessive moisture		Other climatic factors		Plant diseases		Boll weevil		Other insects	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Missouri.....	1	18	11	6	6	8	2	1	0	0	1	0
Virginia.....	3	2	6	2	2	3	1	1	5	13	1	0
North Carolina.....	2	4	5	6	2	2	1	1	13	16	1	1
South Carolina.....	2	4	2	4	2	2	1	1	15	19	1	1
Georgia.....	5	4	4	3	2	3	2	2	21	15	1	1
Florida.....	2	4	17	5	8	6	2	2	20	15	1	2
Tennessee.....	2	10	2	3	3	6	1	1	2	1	0	1
Alabama.....	2	9	8	2	2	3	1	1	17	10	1	1
Mississippi.....	2	10	17	2	6	4	1	1	19	9	1	1
Arkansas.....	6	23	5	2	5	7	1	1	6	4	1	1
Louisiana.....	1	16	23	1	8	7	1	1	23	9	2	1
Oklahoma.....	24	18	2	2	10	10	1	1	11	9	2	2
Texas.....	17	12	5	1	7	6	2	1	10	4	5	3
Average 13 States.....	7.4	12.0	7.9	2.2	5.2	5.2	1.4	1.1	13.0	7.6	2.1	1.6

State	Climatic factors		Plant diseases		Sucking bugs		Other insects	
	1946	1947	1946	1947	1946	1947	1946	1947
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Western irrigated area:								
Texas (trans-Pecos area).....	16	15	2	2	1	5	1	0
New Mexico.....	12	12	1	1	1	1	2	5
Arizona.....	7	15	0	1	3	3	3	2
California.....	9	3	2	3	1	2	1	2
Area.....	9.8	7.8	1.5	2.2	1.4	2.3	1.5	2.2

Bureau of Agricultural Economics. Percentages less than five-tenths are shown as zero.

TABLE 94.—*Cotton: Production in specified countries, 1929-47<sup>1</sup>*

Year beginning August—	United States	India <sup>2</sup>	China <sup>3</sup>	U. S. - S. R.	Egypt	Brazil	Peru	Mexico	Argentina	Uganda	Anglo-Egyptian Sudan	Estimated world total
	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>
1929.....	14,825	4,331	2,458	1,229	1,768	571	303	246	150	108	139	26,860
1930.....	13,932	4,300	2,615	1,587	1,715	483	271	178	139	158	106	26,200
1931.....	17,097	3,325	2,092	1,845	1,317	555	234	210	169	173	206	27,850
1932.....	13,003	3,844	2,720	1,816	1,027	481	242	102	150	247	121	24,450
1933.....	13,047	4,189	2,981	1,887	1,777	1,014	278	260	200	239	135	26,920
1934.....	9,636	3,987	3,243	1,687	1,566	1,328	342	223	295	212	227	23,810
1935.....	10,638	5,553	2,667	2,250	1,769	1,757	386	315	373	269	201	27,515
1936.....	12,399	5,994	3,870	3,400	1,887	1,817	376	397	144	283	268	32,260
1937.....	18,946	5,137	3,556	3,700	2,281	2,075	396	341	237	349	264	39,005
1938.....	11,943	5,170	2,301	3,800	1,723	1,989	378	307	327	253	263	29,960
1939.....	11,817	4,888	1,883	4,000	1,801	2,141	383	312	362	252	245	29,635
1940.....	12,566	5,760	2,354	3,000	1,900	2,507	329	302	232	310	268	31,205
1941.....	10,744	5,820	2,406	( <sup>5</sup> )	1,735	1,844	322	375	373	198	234	27,905
1942.....	12,817	4,283	2,200	( <sup>5</sup> )	877	2,172	262	458	498	94	274	27,340
1943.....	11,427	4,710	1,500	( <sup>5</sup> )	740	2,700	310	515	553	160	175	25,590
1944.....	12,230	3,693	1,600	( <sup>5</sup> )	962	1,626	325	472	332	228	290	24,785
1945.....	9,015	3,529	1,820	1,700	1,082	1,350	329	434	285	191	194	21,195
1946 <sup>6</sup> .....	8,640	3,484	1,925	2,240	1,252	1,300	299	460	334	193	235	21,570
1947 <sup>6</sup> .....	11,851	3,400	2,136	2,600	1,314	1,150	296	499	367	138	212	25,255

<sup>1</sup> These estimates are intended to include the total cotton production in each country, as distinguished from estimates of the "commercial crop" (table 96), which exclude cotton consumed on hand spindles or in other ways, without entering commercial channels. Differences from year to year between these two series of production estimates for a given country may also occur because of changes in stocks of cotton on hand at the beginning and end of the cotton-marketing season, which changes are used in estimating the production of commercial cotton in many foreign countries.

<sup>2</sup> Figures for 1935 to date have been revised through adoption of a series for India, compiled by the Indian Central Cotton Committee.

<sup>3</sup> Includes Manchuria.

<sup>4</sup> Bales of 500 pounds gross weight.

<sup>5</sup> Comparable data not available.

<sup>6</sup> Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of the United States foreign service officers, and other information.

TABLE 95.—Cotton: Acreage and production in specified countries, averages 1930-34 and 1935-39, annual 1945-47<sup>1</sup>

Continent and country	Acreage					Production <sup>2</sup>				
	Average 1930-34	Average 1935-39	Year beginning August 1—			Average 1930-34	Average 1935-39	Year beginning August 1—		
			1945	1946 <sup>3</sup>	1947 <sup>3</sup>			1945	1946 <sup>3</sup>	1947 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
<b>North America:</b>										
El Salvador.....	1	9	24	38	35	1	5	11	20	21
Guatemala.....	(4)			7	7	(4)	2	3	4	5
Mexico.....	349	725	904	843	865	195	334	434	460	499
Nicaragua.....		9	5	1		(4)	5	4	1	
United States.....	34,658	27,788	17,241	17,615	21,269	13,343	13,149	9,015	8,640	11,851
British West Indies.....	13	20	12	7	7	3	5	3	2	2
Haiti.....			40	25	25	26	22	11	8	11
Puerto Rico.....	7	2				2	1	2	(4)	(4)
<b>Total<sup>5</sup>.....</b>	<b>35,131</b>	<b>28,642</b>	<b>18,240</b>	<b>18,541</b>	<b>22,217</b>	<b>13,570</b>	<b>13,523</b>	<b>9,483</b>	<b>9,135</b>	<b>12,392</b>
<b>Europe:</b>										
Bulgaria <sup>6</sup> .....	34	85	61	98	105	11	35	10	20	28
Greece.....	62	168	72	127	106	24	76	28	50	53
Italy.....	6	56	34	41	45	3	21	9	12	15
Rumania <sup>6</sup> .....	2	8	109	104	109	(4)	2	20	9	16
Spain.....	25	46	133	142	108	5	10	8	23	14
Yugoslavia.....	2	8				1	3			
<b>Total Europe (excluding U. S. S. R.)<sup>5</sup>.....</b>	<b>131</b>	<b>372</b>	<b>420</b>	<b>527</b>	<b>505</b>	<b>44</b>	<b>147</b>	<b>77</b>	<b>118</b>	<b>136</b>
<b>U. S. S. R. (Europe and Asia).....</b>	<b>4,885</b>	<b>5,087</b>	<b>2,995</b>	<b>3,215</b>	<b>3,625</b>	<b>1,764</b>	<b>3,430</b>	<b>1,700</b>	<b>2,240</b>	<b>2,600</b>
<b>Asia:</b>										
Cyprus.....	10	11				2	3	1	2	1
Iran.....	179	453	303	182	205	33	171	92	64	80
Iraq.....	4	53	25	25		1	11	5	4	4
Syria.....	42	85	44	49	52	10	28	22	22	14
Turkey.....	469	667	572	610		112	249	251	272	273
Afghanistan.....							49	20	9	9
Burma.....	364	428	226	135	177	64	97	32	21	33
China (includes Manchuria).....	6,451	7,038	5,600	5,556	6,240	2,730	2,855	1,820	1,925	2,136
French Indochina.....	41	36				7	6			3
India and Pakistan <sup>7</sup> .....	23,258	24,204	13,751	14,860		3,929	5,348	3,529	3,484	3,400
Korea.....	448	564	442	312	355	145	180	103	75	64
Netherlands Indies.....	22	27				5	9		1	1
Philippine Islands.....	2	5	10	5		(4)	1	2	1	(4)
Siam.....	8	16				3	7	17	26	26
<b>Total Asia (excluding U. S. S. R.)<sup>5</sup>.....</b>	<b>31,411</b>	<b>33,805</b>	<b>21,231</b>	<b>21,876</b>	<b>22,270</b>	<b>7,065</b>	<b>9,020</b>	<b>5,917</b>	<b>5,906</b>	<b>6,089</b>
<b>South America:</b>										
Argentina.....	436	770	813	892	81,037	191	289	285	334	367
Brazil.....	2,446	5,562	5,000	5,500	4,900	772	1,956	1,350	1,300	1,150
Colombia.....	35	98				14	23	21	22	21
Ecuador.....		40	32	35		6	13	7	10	5
Paraguay.....	37	111	124	126	95	19	40	44	55	29
Peru.....	342	428	346	309	321	298	384	329	299	296
Venezuela.....		50				11	11	13	11	14
<b>Total<sup>5</sup>.....</b>	<b>3,368</b>	<b>7,060</b>	<b>6,512</b>	<b>7,049</b>	<b>6,574</b>	<b>1,311</b>	<b>2,716</b>	<b>2,049</b>	<b>2,031</b>	<b>1,882</b>

TABLE 95.—Cotton: Acreage and production in specified countries, averages 1930-34 and 1935-39, annual 1945-47<sup>1</sup>—Continued

Continent and country	Acreage					Production <sup>2</sup>				
	Average 1930-34	Average 1935-39	Year beginning August 1—			Average 1930-34	Average 1935-39	Year beginning August 1—		
			1945	1946 <sup>3</sup>	1947 <sup>3</sup>			1945	1946 <sup>3</sup>	1947 <sup>3</sup>
1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	
Africa and Oceania:										
Anglo-Egyptian Sudan.....	349	439	321	336	363	159	248	194	235	212
Belgian Congo.....	476	874	760	766	754	71	172	181	172	172
Kenya.....					28	4	13	4	4	4
Nyasaland.....	35	84				6	12	7	8	11
Tanganyika.....	108					20	50	35	34	33
Uganda.....	991	1,477	1,146	1,253	1,033	206	281	191	193	138
Egypt.....	1,743	1,821	1,020	1,258	1,302	1,480	1,893	1,082	1,252	1,314
French Equatorial Africa.....	154	390				14	41	109	76	115
French Morocco.....	( <sup>4</sup> )	1	4			( <sup>4</sup> )		2	2	( <sup>4</sup> )
French West Africa.....						20	28	9	9	14
Mozambique.....	65					11	<sup>5</sup> 33	99	93	95
Nigeria.....						23	36	31	29	19
Angola.....	12	73			185	3	13	20	27	25
Australia.....	56	53	7	9	10	12	11	2	2	2
Total <sup>5</sup> .....	4,349	6,176	5,234	5,517	5,294	2,040	2,840	1,969	2,140	2,156
Total world.....	79,275	81,142	54,632	56,725	60,525	25,794	31,676	21,195	21,570	25,255

<sup>1</sup> These estimates represent total acreage and production in each country, including cotton consumed on hand spindles or in other ways without entering commercial channels. For this reason they should average somewhat larger than estimates of the "commercial crop." (See table 96.)

<sup>2</sup> United States production in bales of 500 pounds gross (480 pounds net); others in bales of 478 pounds net through 1945 and 480 pounds thereafter.

<sup>3</sup> Preliminary.

<sup>4</sup> Less than 500.

<sup>5</sup> All subtotals include estimates for minor-producing countries not listed above and allowances for other figures not available.

<sup>6</sup> Figures from 1943 to date are not comparable with prewar figures because of boundary changes.

<sup>7</sup> All production figures, except the 1930-34 average, are revised through the adoption of a series compiled by the Indian Central Cotton Committee.

<sup>8</sup> Planted area.

<sup>9</sup> Exports.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, and results of office research.

TABLE 96.—Cotton, commercial: World carry-over, production, supply, and mill consumption, 1938-48<sup>1</sup>

## CARRY-OVER, BEGINNING OF SEASON

Year beginning August—	Foreign								American		All growths
	Egyptian		Indian		Sundries		Total foreign growths		Quantity	Percentage of all growths	
	Quantity	Percentage of all growths	Quantity	Percentage of all growths	Quantity	Percentage of all growths	Quantity	Percentage of all growths			
	1,000 bales <sup>2</sup>	Percent	1,000 bales <sup>2</sup>	Percent	1,000 bales <sup>2</sup>	Percent	1,000 bales <sup>2</sup>	Percent	1,000 bales <sup>2</sup>	Percent	1,000 bales <sup>2</sup>
1938	1,095	4.8	3,225	14.2	4,594	20.3	8,915	39.3	13,787	60.7	22,702
1939	901	4.2	2,890	13.4	3,710	17.1	7,501	34.7	14,137	65.3	21,638
1940	927	4.5	2,849	14.1	3,944	19.5	7,720	38.1	12,542	61.9	20,262
1941	1,727	7.8	3,256	14.7	4,387	19.8	9,370	42.3	12,797	57.7	22,167
1942							11,420	50.6	11,165	49.4	22,585
1943							12,290	52.1	11,280	47.9	23,570
1944							14,163	55.8	11,241	44.2	25,404
1945							14,448	54.3	12,150	45.7	26,598
1946							13,307	57.8	9,734	42.2	23,041
1947 <sup>3</sup>							11,972	69.5	5,250	30.5	17,222
1948 <sup>3</sup>							9,405	68.5	4,323	31.5	13,728

## PRODUCTION

1938	1,703	6.2	4,574	16.6	9,567	34.8	15,844	57.6	11,665	42.4	27,509
1939	1,785	6.5	4,420	16.2	9,703	35.5	15,908	58.2	11,418	41.8	27,326
1940	1,900	6.6	4,960	17.3	9,545	33.2	16,405	57.1	12,315	42.9	28,720
1941	1,718	6.7	4,920	19.2	8,350	32.6	14,988	58.5	10,628	41.5	25,616
1942	863	3.4	3,840	15.0	8,345	32.6	13,048	51.0	12,534	49.0	25,582
1943	650	2.7	4,200	17.1	8,596	35.0	13,446	54.8	11,075	45.2	24,521
1944							11,637	49.2	11,994	50.8	23,631
1945							10,918	54.9	8,972	45.1	19,890
1946							11,697	57.7	8,582	42.3	20,279
1947 <sup>3</sup>							11,937	50.6	11,643	49.4	23,580
1948 <sup>3</sup>							12,800	46.7	14,626	53.3	27,426

## SUPPLY

1938	2,798	5.6	7,800	15.5	14,161	28.2	24,759	49.3	25,452	50.7	50,211
1939	2,686	5.5	7,310	14.9	13,413	27.4	23,409	47.8	25,555	52.2	48,964
1940	2,827	5.8	7,809	16.0	13,489	27.5	24,125	49.3	24,857	50.7	48,982
1941	3,445	7.2	8,176	17.1	12,737	26.7	24,358	51.0	23,425	49.0	47,783
1942							24,468	50.8	23,699	49.2	48,167
1943							25,736	53.5	22,355	46.5	48,091
1944							25,800	52.6	23,255	47.4	49,035
1945							25,366	54.6	21,122	45.4	46,488
1946							25,004	57.7	18,316	42.3	43,320
1947 <sup>3</sup>							23,909	58.6	16,893	41.4	40,802
1948 <sup>3</sup>							22,205	54.0	18,949	46.0	41,154

MILL CONSUMPTION<sup>4</sup>

1938	1,897	6.6	4,910	17.2	10,451	36.7	17,258	60.5	11,249	39.5	28,507
1939	1,759	6.1	4,461	15.7	9,400	33.0	15,620	54.8	12,876	45.2	28,496
1940	1,100	4.1	4,553	17.2	9,002	33.8	14,655	55.1	11,940	44.9	26,595
1941							12,873	51.4	12,160	48.6	25,033
1942							12,014	49.5	12,279	50.5	24,293
1943							11,520	51.1	11,046	48.9	22,566
1944							11,276	50.8	10,928	49.2	22,204
1945							12,009	52.0	11,101	48.0	23,110
1946							12,933	49.9	12,960	50.1	25,893
1947 <sup>3</sup>							14,405	53.6	12,475	46.4	26,880

<sup>1</sup> Includes only raw cotton produced for factory consumption and does not include large quantities grown in India and China and to some extent in other countries for consumption on hand spindles or for use in other non-commercial ways.

<sup>2</sup> American in running bales (counting round bales as half bales); foreign, in bales of approximately 478 pounds net through 1946; since then 480 pounds.

<sup>3</sup> Preliminary.

<sup>4</sup> Excludes cotton destroyed.

Bureau of Agricultural Economics. Compiled from reports of the New York Cotton Exchange Service and estimates of the Department of Agriculture. Data for 1920-37 in Agricultural Statistics, 1942, table 146.

TABLE 97.—Cotton: Supply and distribution, United States, 1938-48

Year beginning August—	Supply					Distribution					
	Carry-over beginning of season		Ginnings in season <sup>1</sup>	Imports <sup>2</sup>	Total supply	Consumption		Destroyed	Exports <sup>3</sup>	Carry-over end of season	
	Foreign	Total				Foreign	Total			Foreign	Total
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
1938-----	87	11,533	11,617	132	23,282	122	6,858	66	3,325	76	13,033
1939-----	76	13,033	11,420	159	24,612	128	7,784	73	6,191	95	10,564
1940-----	95	10,564	12,318	188	23,070	146	9,722	70	1,112	140	12,166
1941-----	140	12,166	10,552	252	22,970	196	11,170	50	1,125	135	10,640
1942-----	135	10,640	12,496	168	23,304	170	11,100	60	1,480	88	10,657
1943-----	88	10,657	11,083	129	21,869	114	9,943	50	1,138	118	10,744
1944-----	118	10,744	11,924	190	22,858	120	9,568	50	2,007	124	11,164
1945-----	124	11,164	8,852	343	20,359	198	9,163	60	3,613	153	7,326
1946-----	153	7,326	8,574	270	16,170	259	10,025	16	3,544	132	2,530
1947-----	132	2,530	11,643	244	14,417	246	9,354	20	1,968	93	3,082
1948 <sup>5</sup> -----	93	3,082	-----	-----	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Ginnings during the 12 months, August 1 through July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather.

<sup>2</sup> Total imports minus reexports.

<sup>3</sup> Total exports minus reimports.

<sup>4</sup> Supply exceeds distribution.

<sup>5</sup> Preliminary.

Production and Marketing Administration. Compiled from reports of the Bureau of the Census. American in running bales, counting round as half bales, and foreign in equivalent bales of 500 pounds.

TABLE 98.—Cotton: Mill consumption, by growths, United States, 1938-47

Year beginning August—	Domestic				Foreign					All growths
	Upland	American Egyptian	Sea Island	Total	Egyptian	Chinese	Indian	Other	Total	
	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	
1938-----	6,714,266	18,638	3,226	6,736,130	53,185	24,536	39,701	4,874	122,296	6,858,426
1939-----	7,630,954	21,204	3,166	7,655,324	53,903	7,922	61,956	4,669	128,450	7,783,774
1940-----	9,545,314	26,937	3,270	9,575,521	60,884	4,459	77,929	2,910	146,182	9,721,703
1941-----	10,922,303	47,031	4,281	10,973,615	83,854	2,141	103,536	6,960	196,491	11,170,106
1942-----	10,874,337	49,783	5,664	10,929,784	103,607	1,708	58,903	6,080	170,298	11,100,082
1943-----	9,782,457	43,784	3,254	9,829,495	66,736	271	42,274	4,594	113,875	9,943,370
1944-----	9,403,831	43,533	1,067	9,448,431	65,705	297	49,257	4,242	119,501	9,567,932
1945-----	8,945,637	19,485	503	8,965,625	77,426	-----	108,367	11,789	197,582	9,163,207
1946-----	9,755,878	9,477	-----	9,765,355	106,512	-----	125,972	26,972	259,456	10,024,811
1947-----	9,103,096	5,220	-----	9,108,316	119,389	-----	100,384	26,303	246,076	9,354,392

Production and Marketing Administration. Compiled from reports of the Bureau of the Census. American in running bales, counting round as half bales, and foreign in equivalent bales of 500 pounds.

TABLE 99.—Cotton: Carry-over, ginnings, supply, and disappearance of American upland, by grade, United States, 1938-1948

Year beginning August—	Extra White and White						Spotted			Other Colored <sup>1</sup>	All grades <sup>2</sup>
	Good Middling and Better	Strict Middling	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary and Good Ordinary	Strict Middling and Better	Middling	Strict Low Middling		
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>		
1938	133	1,298	3,439	2,685	1,165	435	714	889	282	396	11,436
1939	195	2,005	4,697	3,073	1,052	131	609	814	148	219	12,943
1940	179	1,428	3,524	2,858	734	69	702	651	118	190	10,453
1941	198	1,601	4,177	3,225	731	163	806	677	147	286	12,011
1942	77	966	2,761	2,852	1,174	428	622	775	371	449	10,475
1943	70	710	2,689	2,861	1,524	627	494	793	387	375	10,530
1944	90	1,043	2,770	2,970	1,397	564	489	702	276	258	10,559
1945	64	784	2,696	2,954	1,469	1,005	574	774	269	417	11,006
1946	36	594	1,943	1,720	760	934	261	356	187	374	7,165
1947	52	419	646	489	242	313	27	48	56	100	2,392
1948	57	530	1,005	520	295	214	49	75	87	156	2,988

  

GINNINGS											
1938	315	2,344	3,779	2,161	346	57	1,432	975	102	87	11,598
1939	188	1,925	3,830	2,940	559	121	776	874	144	95	11,452
1940	69	1,468	3,290	3,459	589	377	335	214	140	320	12,261
1941	29	773	3,446	3,133	1,086	518	449	404	286	309	10,434
1942	40	855	4,302	3,916	1,243	475	605	538	196	193	12,363
1943	163	1,475	3,584	3,745	1,009	238	413	294	64	84	11,069
1944	11	486	3,702	4,333	1,484	646	270	380	130	389	11,831
1945	10	364	2,328	2,924	1,196	813	273	399	161	341	8,809
1946	34	655	2,652	2,866	781	440	381	451	122	133	8,515
1947	365	2,452	4,078	1,779	819	364	698	378	263	355	11,551

  

SUPPLY <sup>4</sup>											
1938	448	3,642	7,218	4,846	1,511	492	2,146	1,864	384	483	23,034
1939	383	3,930	8,527	6,013	1,611	252	1,385	1,688	292	314	24,395
1940	248	2,896	8,814	6,317	1,323	446	1,037	865	258	510	22,714
1941	227	2,374	7,623	6,358	1,817	682	1,255	1,081	433	595	22,445
1942	117	1,821	7,063	6,768	2,417	903	1,227	1,313	567	642	22,838
1943	233	2,185	6,273	6,606	2,533	865	907	1,087	451	459	21,599
1944	101	1,529	6,472	7,303	2,881	1,210	759	1,082	406	647	22,390
1945	74	1,148	5,024	5,878	2,665	1,818	847	1,173	430	758	19,815
1946	70	1,249	4,595	4,586	1,541	1,374	642	807	309	507	15,680
1947	417	2,871	4,724	2,268	1,061	677	725	426	319	455	13,943

  

DISAPPEARANCE <sup>5</sup>											
1938	253	1,637	2,521	1,773	459	361	1,537	1,050	236	264	10,091
1939	204	2,502	5,003	3,155	877	183	683	1,037	174	124	13,942
1940	50	1,295	4,637	3,092	592	283	231	188	111	224	10,703
1941	150	1,408	4,862	3,506	643	254	633	306	62	146	11,970
1942	47	1,111	4,374	3,907	893	276	733	520	180	267	12,308
1943	143	1,142	3,303	3,636	1,136	301	418	385	175	201	11,040
1944	37	745	3,776	4,349	1,412	205	185	308	137	230	11,884
1945	38	554	3,081	4,158	1,905	884	586	817	243	384	12,650
1946	18	830	3,949	4,097	1,299	1,061	615	759	253	407	13,288
1947	360	2,341	3,721	1,749	767	464	676	351	232	299	10,960

<sup>1</sup> Includes Low Middling Spotted and all grades of Tinged, Yellow Stained, and Gray. Below grade is also included.

<sup>2</sup> Bureau of the Census.

<sup>3</sup> Running bales; round bales counted as half bales.

<sup>4</sup> Carry-over at the beginning of the season, plus ginnings.

<sup>5</sup> Supply minus carry-over at the end of the season.

Production and Marketing Administration.

TABLE 100.—Cotton: Carry-over, ginnings, supply, and disappearance of American upland, by staple lengths, United States, 1938-48

CARRY-OVER									
Year beginning August—	1 $\frac{1}{8}$ inch and shorter <sup>1</sup>	3 $\frac{7}{32}$ inch	1 $\frac{1}{2}$ inch and 3 $\frac{1}{4}$ inch	1 and 1 $\frac{1}{8}$ inches	1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches	1 $\frac{1}{2}$ and 1 $\frac{3}{4}$ inches	1 $\frac{3}{4}$ and 1 $\frac{7}{8}$ inches	1 $\frac{7}{8}$ inches and longer	All staple lengths <sup>2</sup>
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
1938.....	1,326	3,742	2,814	1,957	1,094	370	114	19	11,436
1939.....	1,248	3,481	3,069	2,745	1,631	671	76	22	12,943
1940.....	781	2,827	2,583	2,149	1,443	578	54	38	10,453
1941.....	705	2,853	3,254	2,780	1,688	598	84	49	12,011
1942.....	876	2,751	2,335	2,570	1,301	472	107	63	10,475
1943.....	1,075	2,711	2,040	2,246	1,723	521	136	78	10,530
1944.....	1,327	2,525	2,208	2,631	1,288	386	137	57	10,559
1945.....	1,166	2,693	2,010	2,764	1,833	385	104	51	11,006
1946.....	562	1,172	1,228	2,103	1,562	385	105	48	7,165
1947.....	25	164	343	1,022	544	213	52	29	2,392
1948.....	53	242	398	1,219	795	238	29	14	2,988

  

GINNINGS									
Year beginning August—	1 $\frac{1}{8}$ inch and shorter <sup>1</sup>	3 $\frac{7}{32}$ inch	1 $\frac{1}{2}$ inch and 3 $\frac{1}{4}$ inch	1 and 1 $\frac{1}{8}$ inches	1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches	1 $\frac{1}{2}$ and 1 $\frac{3}{4}$ inches	1 $\frac{3}{4}$ and 1 $\frac{7}{8}$ inches	1 $\frac{7}{8}$ inches and longer	All staple lengths <sup>2</sup>
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
1938.....	510	2,006	3,124	2,964	2,024	764	155	51	11,598
1939.....	627	2,397	2,780	3,351	1,762	426	76	33	11,452
1940.....	334	1,591	2,999	4,185	2,506	534	67	45	12,261
1941.....	441	1,224	2,265	3,821	1,968	496	139	80	10,434
1942.....	531	1,668	2,586	4,331	2,518	521	110	98	12,363
1943.....	858	1,257	2,593	4,230	1,631	302	142	56	11,069
1944.....	550	1,330	2,188	4,884	2,539	254	65	21	11,831
1945.....	234	677	1,697	3,699	2,262	181	40	19	8,809
1946.....	168	620	1,108	3,494	2,879	201	30	15	8,515
1947.....	813	1,203	1,772	4,985	2,580	128	8	2	11,551

  

SUPPLY <sup>4</sup>									
Year beginning August—	1 $\frac{1}{8}$ inch and shorter <sup>1</sup>	3 $\frac{7}{32}$ inch	1 $\frac{1}{2}$ inch and 3 $\frac{1}{4}$ inch	1 and 1 $\frac{1}{8}$ inches	1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches	1 $\frac{1}{2}$ and 1 $\frac{3}{4}$ inches	1 $\frac{3}{4}$ and 1 $\frac{7}{8}$ inches	1 $\frac{7}{8}$ inches and longer	All staple lengths <sup>2</sup>
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
1938.....	1,836	5,748	5,938	4,921	3,118	1,134	269	70	23,034
1939.....	1,875	5,878	5,849	6,096	3,393	1,097	152	55	24,395
1940.....	1,115	4,418	5,582	6,334	3,949	1,112	121	83	22,714
1941.....	1,146	4,077	5,519	6,601	3,656	1,094	223	129	22,445
1942.....	1,407	4,419	4,921	6,901	3,819	993	217	161	22,838
1943.....	1,933	3,968	4,633	6,476	3,354	823	278	134	21,599
1944.....	1,877	3,855	4,396	7,515	3,827	640	202	78	22,390
1945.....	1,400	3,370	3,707	6,463	4,095	566	144	70	19,815
1946.....	730	1,792	2,336	5,597	4,441	586	135	63	15,680
1947.....	838	1,427	2,115	6,007	3,124	341	60	31	13,943

  

DISAPPEARANCE <sup>5</sup>									
Year beginning August—	1 $\frac{1}{8}$ inch and shorter <sup>1</sup>	3 $\frac{7}{32}$ inch	1 $\frac{1}{2}$ inch and 3 $\frac{1}{4}$ inch	1 and 1 $\frac{1}{8}$ inches	1 $\frac{1}{4}$ and 1 $\frac{1}{2}$ inches	1 $\frac{1}{2}$ and 1 $\frac{3}{4}$ inches	1 $\frac{3}{4}$ and 1 $\frac{7}{8}$ inches	1 $\frac{7}{8}$ inches and longer	All staple lengths <sup>2</sup>
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
1938.....	558	2,267	2,869	2,176	1,487	463	193	48	10,091
1939.....	1,094	3,051	3,266	3,947	1,950	519	98	17	13,942
1940.....	410	1,565	2,328	3,554	2,261	514	37	34	10,703
1941.....	270	1,326	3,184	4,031	2,355	622	116	66	11,970
1942.....	332	1,708	2,881	4,655	2,096	472	81	83	12,308
1943.....	606	1,443	2,425	3,845	2,066	437	141	77	11,040
1944.....	711	1,162	2,386	4,751	1,994	255	98	27	11,384
1945.....	838	2,198	2,479	4,360	2,533	181	39	22	12,650
1946.....	705	1,628	1,993	4,575	3,897	373	83	34	13,288
1947.....	785	1,185	1,719	4,791	2,330	103	30	17	10,960

<sup>1</sup> Includes "No staple" and "perished staple."<sup>2</sup> Bureau of the Census.<sup>3</sup> Running bales; round bales counted as half bales.<sup>4</sup> Carry-over at the beginning of the season, plus ginnings.<sup>5</sup> Supply minus carry-over at the end of the season.

Production and Marketing Administration.

TABLE 101.—Cotton: Grade index and average staple length of upland cotton ginned in the United States, by States, 1943-47

State	Grade index <sup>1</sup>					Average staple length <sup>2</sup>				
	1943	1944	1945	1946	1947	1943	1944	1945	1946	1947
						<i>32ds</i> of an inch	<i>32ds</i> of an inch	<i>32ds</i> of an inch	<i>32ds</i> of an inch	<i>32ds</i> of an inch
Alabama.....	97.2	95.9	96.5	96.1	98.7	30.8	31.6	32.0	32.4	32.1
Arizona.....	94.0	92.8	94.4	92.1	93.9	33.5	33.2	32.6	32.6	32.2
Arkansas.....	96.4	94.9	89.0	93.0	96.3	32.2	32.8	32.7	33.3	32.3
California.....	100.2	91.4	94.4	97.3	101.2	34.4	33.3	33.5	33.5	33.7
Florida.....	96.8	93.3	94.5	97.6	96.1	32.9	33.0	32.5	32.8	32.5
Georgia.....	96.3	95.2	92.9	95.5	96.3	31.4	31.8	32.1	32.2	32.3
Louisiana.....	96.3	95.8	94.5	95.8	98.7	32.2	32.4	33.5	33.4	33.1
Mississippi.....	97.1	95.9	92.9	96.6	98.6	33.4	33.7	33.8	34.2	33.3
Missouri.....	91.6	93.0	83.5	89.5	93.1	33.4	33.4	32.7	33.4	33.3
New Mexico.....	98.4	95.6	96.9	98.3	98.9	34.5	34.2	34.4	34.5	34.2
North Carolina.....	95.4	88.7	90.1	93.2	89.3	32.5	32.7	32.5	33.2	32.3
Oklahoma.....	94.0	87.8	86.8	90.3	93.9	28.6	29.5	28.9	29.3	28.7
South Carolina.....	95.3	90.8	88.9	94.9	94.5	33.0	32.9	32.3	33.1	32.9
Tennessee.....	94.5	95.6	88.6	94.0	96.7	31.9	32.8	32.2	32.9	32.7
Texas.....	96.0	92.0	92.1	94.6	97.0	29.1	29.3	30.3	30.5	29.5
Virginia.....	92.5	88.7	92.5	93.8	91.1	32.0	32.7	32.5	32.6	32.7
All other <sup>3</sup> .....	91.0	96.0	85.5	87.3	91.3	33.0	32.6	32.7	32.7	32.6
United States.....	96.2	93.4	91.8	94.5	96.9	31.5	31.9	32.2	32.6	31.7

<sup>1</sup> Computed by weighting the quantity in each grade by the 1937-39 average price per pound for such grade of  $1\frac{1}{8}$ -inch staple. Converted to an index on basis Middling White equals 100.

<sup>2</sup> Averages calculated on numerical equivalents of the staple-length designations. For example  $\frac{1}{8} = 28$ ,  $\frac{3}{8} = 29$ , etc.

<sup>3</sup> Illinois and Kentucky.

Production and Marketing Administration.

TABLE 102.—Cotton: Carry-over and ginnings of American Egyptian, by grade and staple length, United States, 1938-48

Year beginning August—	Grade					Staple length (inches)						
	1 and $1\frac{1}{2}$	2 and $2\frac{1}{2}$	3 and $3\frac{1}{2}$	4 and $4\frac{1}{2}$	5 and below	$1\frac{1}{8}$ and shorter	$1\frac{1}{8}$	$1\frac{1}{16}$ <sup>1</sup>	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$ and longer	All grades and all lengths <sup>2</sup>
	<i>1,000 bales</i> <sup>3</sup>	<i>1,000 bales</i> <sup>3</sup>	<i>1,000 bales</i> <sup>3</sup>	<i>1,000 bales</i> <sup>3</sup>	<i>1,000 bales</i> <sup>3</sup>	<i>1,000 bales</i> <sup>3</sup>	<i>1,000 bales</i> <sup>3</sup>	<i>1,000 bales</i> <sup>3</sup>	<i>1,000 bales</i> <sup>3</sup>	<i>1,000 bales</i> <sup>3</sup>	<i>1,000 bales</i> <sup>3</sup>	<i>1,000 bales</i> <sup>3</sup>
1939.....	5.5	3.3	1.0	0.2	0.3	-----	-----	0.3	4.9	4.8	0.3	10.3
1940.....	3.2	5.7	4.1	.7	-----	-----	3.5	6.1	4.1	-----	-----	13.7
1941.....	3.9	6.2	4.5	1.0	.1	-----	-----	4.2	9.9	1.6	-----	15.7
1942.....	15.7	7.0	1.5	.8	.1	0.8	4.3	19.4	.6	-----	-----	25.1
1943.....	17.5	8.5	7.9	2.2	.4	0.1	3.8	12.4	17.0	3.2	-----	36.5
1944.....	23.5	27.2	12.2	2.6	-----	-----	5.9	25.2	33.3	1.1	-----	65.5
1945.....	8.1	13.3	8.8	1.3	.4	-----	4.2	12.9	13.9	.9	-----	31.9
1946.....	1.7	2.6	.6	.7	.1	-----	.5	2.4	2.8	-----	-----	5.7
1947.....	2.3	.7	.5	.2	-----	-----	.2	1.1	2.4	-----	-----	3.7
1948.....	1.8	.6	-----	.1	-----	-----	-----	.1	2.3	.1	-----	2.5

## GINNINGS

1938.....	14.9	5.1	0.5	-----	-----	-----	-----	0.3	4.9	10.0	5.3	20.5
1939.....	5.6	11.3	8.5	1.3	0.1	-----	-----	1.4	8.5	13.7	3.2	26.8
1940.....	5.5	13.8	9.5	3.0	.5	-----	-----	9.1	18.8	4.4	-----	32.3
1941.....	22.5	23.1	10.8	1.3	.2	-----	-----	13.7	36.5	7.7	-----	57.9
1942.....	40.3	18.4	10.7	3.9	.5	0.9	9.8	31.2	29.9	2.0	-----	73.8
1943.....	26.3	25.2	7.4	.7	-----	.1	2.4	26.0	30.4	.7	-----	59.6
1944.....	2.6	2.6	2.4	1.0	-----	-----	.2	3.0	5.4	-----	-----	8.6
1945.....	1.7	2.0	.3	.1	-----	-----	.1	1.3	2.7	-----	-----	4.1
1946.....	1.3	.8	.3	-----	-----	-----	-----	.4	1.9	.1	-----	2.4
1947.....	.8	.3	.1	-----	-----	-----	-----	.2	.9	.1	-----	1.2

<sup>1</sup> Includes cotton  $1\frac{1}{8}$  inches and shorter prior to 1942.

<sup>2</sup> Bureau of the Census.

<sup>3</sup> Running bales.

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TABLE 103.—Cotton: Staple length of foreign growths in the carry-over on Aug. 1, United States, 1939-48

Growth and staple length (inches)	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>
<b>Egyptian:</b>										
1 <sup>3</sup> / <sub>32</sub> and shorter										
1 <sup>1</sup> / <sub>8</sub> and 1 <sup>3</sup> / <sub>32</sub>	0.7	0.5	0.4	0.6			0.3	0.2		
1 <sup>3</sup> / <sub>16</sub> and 1 <sup>3</sup> / <sub>32</sub>	.3	1.4	1.2	2.0	3.0	1.2	2.7	.7		
1 <sup>1</sup> / <sub>4</sub> to 1 <sup>11</sup> / <sub>32</sub>	3.1	20.2	19.0	16.6	10.1	21.9	35.2	10.8	3.1	0.7
1 <sup>3</sup> / <sub>8</sub> to 1 <sup>15</sup> / <sub>32</sub>	14.2	11.7	19.5	13.0	16.0	27.5	11.0	16.3	34.6	12.2
1 <sup>1</sup> / <sub>2</sub> to 1 <sup>19</sup> / <sub>32</sub>	7.3	4.1	5.3	6.3	8.9	11.3	9.7	12.0	16.8	19.3
1 <sup>5</sup> / <sub>8</sub> to 1 <sup>23</sup> / <sub>32</sub>	.1	.6								1.4
1 <sup>3</sup> / <sub>4</sub> and longer								.1		
All lengths <sup>2</sup>	25.7	38.5	45.4	38.5	38.0	61.9	58.9	40.1	54.5	33.6
<b>Peruvian:</b>										
1 <sup>1</sup> / <sub>2</sub> and shorter										.1
1 and 1 <sup>1</sup> / <sub>32</sub>	.1									
1 <sup>1</sup> / <sub>16</sub> and 1 <sup>1</sup> / <sub>32</sub>			.1			.1			.2	
1 <sup>3</sup> / <sub>8</sub> and 1 <sup>1</sup> / <sub>32</sub>			.2	.1				.4	.9	
1 <sup>3</sup> / <sub>16</sub> and 1 <sup>1</sup> / <sub>32</sub>			.7	.1	.1	.2	.2	.4	.6	.1
1 <sup>1</sup> / <sub>4</sub> and longer	.2	.6	.2	2.6	1.2	2.1	3.4	5.6	12.8	7.2
All lengths <sup>2</sup>	.3	.6	1.2	2.8	1.3	2.4	3.6	6.4	14.5	7.4
<b>Chinese: 1<sup>3</sup>/<sub>16</sub> and shorter</b>	11.9	6.5	3.7	2.5	1.0	.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
All lengths <sup>2</sup>	11.9	6.5	3.7	2.5	1.0	.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
<b>British Indian:</b>										
1 <sup>3</sup> / <sub>16</sub> and shorter	34.6	46.1	58.2	89.8	45.4	40.9	47.0	101.7	60.8	46.4
1 <sup>1</sup> / <sub>8</sub> and 1 <sup>3</sup> / <sub>32</sub>		.1								
1 <sup>1</sup> / <sub>16</sub> and 1 <sup>3</sup> / <sub>32</sub>			.8							
All lengths <sup>2</sup>	34.6	47.0	58.2	89.8	45.4	40.9	47.0	101.7	60.8	46.4
<b>Other foreign:</b>										
1 <sup>3</sup> / <sub>16</sub> and shorter	1.1		.4		.1		.8	.5	.2	.5
1 <sup>1</sup> / <sub>8</sub> and 1 <sup>3</sup> / <sub>32</sub>	.6		.2		.1			.2		
1 <sup>1</sup> / <sub>16</sub> and 1 <sup>3</sup> / <sub>32</sub>			1.3	.9	.6			1.6	.4	
1 and 1 <sup>1</sup> / <sub>32</sub>	.1	.1	17.1	.8	.5	9.6	10.4	2.2	1.0	.1
1 <sup>1</sup> / <sub>16</sub> and 1 <sup>3</sup> / <sub>32</sub>			9.6		.2	2.6		.1	.1	.0
1 <sup>1</sup> / <sub>8</sub> and 1 <sup>3</sup> / <sub>32</sub>										
1 <sup>3</sup> / <sub>16</sub> and 1 <sup>3</sup> / <sub>32</sub>										
1 <sup>1</sup> / <sub>4</sub> and longer	1.9	2.3	2.5	.2	.7	1.7	4.7	2.0	.9	1.7
All lengths <sup>2</sup>	3.7	2.4	31.1	1.9	2.2	13.9	15.9	6.6	2.6	2.3

<sup>1</sup> Equivalent 500-pound bales.<sup>2</sup> Bureau of the Census.<sup>3</sup> Included in "Other foreign."

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TABLE 104.—Cotton: Estimated cost of production, by selected States, regions, and the United States, 1939-46<sup>1</sup>

State and region	Average 1939-46				Net cost per pound of lint, including rent of land							
	Acreage harvested	Yield of lint per acre <sup>2</sup>	Net cost including rent		1939	1940	1941 <sup>3</sup>	1942 <sup>3</sup>	1943 <sup>3</sup>	1944 <sup>3</sup>	1945 <sup>3</sup>	1946 <sup>3</sup>
			Per acre	Per pound of lint								
<b>STATE</b>	<i>1,000 acres</i>	<i>Pound</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
North Carolina.....	741	392	57.56	14.7	10.8	8.3	9.8	11.7	16.6	16.1	21.1	23.2
South Carolina.....	1,113	329	44.14	13.4	7.8	7.8	16.6	11.9	14.1	13.6	18.0	19.1
Georgia.....	1,601	245	39.34	16.1	10.5	10.2	14.7	13.5	15.7	16.6	20.5	25.6
Alabama.....	1,673	261	41.40	15.9	12.8	13.0	11.5	13.0	14.9	14.8	17.3	24.1
Tennessee.....	676	390	44.75	11.5	8.1	7.9	7.2	9.5	14.2	14.1	15.1	16.2
Mississippi.....	2,386	330	45.02	13.6	9.1	11.2	9.6	9.7	13.3	15.5	18.2	27.1
Louisiana.....	977	262	40.82	15.6	8.2	13.2	16.8	12.0	12.6	16.5	22.8	36.1
Arkansas.....	1,874	356	45.48	12.8	7.6	7.6	7.9	10.4	15.3	15.5	18.2	18.6
Oklahoma.....	1,516	178	29.23	16.4	11.9	9.0	9.8	13.3	24.0	18.0	29.7	31.9
Texas.....	7,431	174	28.66	16.5	10.9	10.0	11.7	14.0	17.0	19.5	25.4	28.1
<b>REGION</b>												
Coastal Plain <sup>4</sup> .....	3,336	257	43.18	16.8	11.8	11.7	14.4	13.5	15.5	15.8	22.1	28.5
Piedmont <sup>5</sup> .....	1,804	306	44.51	14.5	9.1	8.8	13.5	11.7	16.0	15.8	18.4	22.0
Eastern hilly areas <sup>6</sup> .....	2,197	332	43.29	13.0	9.8	9.6	8.4	10.1	13.9	14.4	15.9	20.3
River-bottom areas <sup>7</sup> .....	2,550	391	50.24	12.8	7.0	8.6	7.9	9.5	12.6	15.1	17.9	21.0
Western hilly areas <sup>8</sup> .....	3,193	241	36.42	15.1	9.4	9.0	11.9	14.3	18.2	19.2	25.2	24.4
Gulf Coast prairie and Texas black prairie <sup>9</sup> .....	3,184	170	29.95	17.6	10.5	10.2	15.0	15.7	16.2	21.3	26.2	33.4
Western dry areas <sup>10</sup> .....	3,966	176	25.34	14.4	11.8	9.6	8.3	11.4	17.9	16.4	22.5	24.8
Irrigation areas <sup>11</sup> .....	792	515	70.34	13.7	9.0	9.2	10.5	14.1	17.5	19.3	20.9	18.3
United States <sup>12</sup> .....	21,022	264	39.07	14.8	9.6	9.6	10.6	12.1	15.5	16.6	20.5	23.6

<sup>1</sup> Costs for each year indicated are based on average yields of cotton lint (gross weight) for that year and on prevailing cost rates for labor, farm power, materials, equipment, and land rent during the year.

<sup>2</sup> Obtained by dividing the production of lint in terms of 500-pound bales by the acreage harvested.

<sup>3</sup> Costs for 1941-46 inclusive are for upland cotton only.

<sup>4</sup> Includes the lower and upper Coastal Plain of Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and the black prairie belt of Alabama and Mississippi.

<sup>5</sup> Includes the rolling and hilly uplands of Virginia, North Carolina, South Carolina, Georgia, and Alabama, which border the Blue Ridge Mountains on the east and south.

<sup>6</sup> Includes Tennessee exclusive of Lake County, the hilly cotton lands of northern Mississippi, northern Alabama and northern Georgia, and western North Carolina.

<sup>7</sup> Includes the principal bottom lands of the Mississippi, Arkansas, and Red Rivers.

<sup>8</sup> Includes the hilly lands of Arkansas, Louisiana, southern Missouri, eastern Texas, and eastern Oklahoma.

<sup>9</sup> Includes the Gulf Coast prairie of Texas and Louisiana, and the black waxy prairie of Texas.

<sup>10</sup> Includes the dry-land areas of western Oklahoma, western Texas, and eastern New Mexico.

<sup>11</sup> Includes the irrigated cotton lands of California, Arizona, New Mexico, and Texas.

<sup>12</sup> Includes the 16 States of Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Tennessee, Mississippi, Louisiana, Arkansas, Missouri, Oklahoma, Texas, New Mexico, Arizona, and California.

Bureau of Agricultural Economics. See also table 682.

TABLE 105.—*Cotton: Estimated average cost per 500-pound gross weight bale to farmers for ginning cotton (including bagging and ties), by States, 1938-47*<sup>1</sup>

Kind of cotton and State	Crop year beginning Aug. 1—									
	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
<b>UPLAND</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Missouri.....	6.12	5.97	6.28	6.56	7.12	8.02	7.57	9.73	12.19	12.11
Virginia.....	4.23	4.05	4.14	4.82	4.97	5.38	5.01	5.08	5.35	6.72
North Carolina.....	3.21	3.16	3.38	4.15	4.66	5.03	5.09	5.00	6.28	7.39
South Carolina.....	3.04	2.70	3.02	3.67	4.46	4.58	4.72	4.05	6.13	7.00
Georgia.....	3.61	3.44	3.43	4.21	4.69	4.97	5.05	5.04	6.23	6.87
Florida.....	3.50	4.63	3.91	4.68	4.91	5.38	-----	5.68	7.18	7.13
Tennessee.....	4.57	4.38	4.79	5.21	5.52	5.77	6.07	6.17	7.75	7.77
Alabama.....	3.12	3.17	3.34	4.03	4.71	4.97	5.02	5.15	6.74	7.08
Mississippi.....	4.81	4.96	5.11	5.66	5.70	6.13	6.16	5.90	7.52	8.09
Arkansas.....	5.28	5.21	5.63	6.12	6.26	6.50	6.66	7.35	8.94	9.50
Louisiana.....	4.93	4.77	4.58	5.22	5.58	5.65	5.81	6.07	7.58	8.26
Oklahoma.....	5.47	5.88	5.65	6.55	6.87	8.39	8.73	9.13	11.13	11.60
Texas.....	5.55	5.46	5.49	6.89	7.20	7.24	7.95	7.83	9.34	10.65
New Mexico.....	5.08	5.24	5.35	6.00	6.50	7.52	6.97	7.43	7.97	9.21
Arizona.....	5.30	5.12	5.20	6.08	6.42	6.49	6.62	6.80	8.15	8.80
California.....	4.51	4.61	4.13	5.04	5.41	5.49	5.99	6.91	8.08	7.88
All upland cotton.....	4.72	4.67	4.76	5.71	5.95	6.18	6.44	6.40	8.09	8.97
American Egyptian.....	12.36	11.14	10.64	12.64	12.57	12.88	13.27	14.87	14.48	15.47
Average <sup>2</sup> .....	4.73	4.69	4.78	5.75	5.99	6.22	6.44	6.40	8.09	8.97

<sup>1</sup> Does not include added charges made in some instances for drying and conditioning seed cotton or for sterilizing cotton in connection with pink bollworm control measures.

<sup>2</sup> In addition to upland and American Egyptian cotton, small quantities of Sea Island cotton are produced. The production is too small, however, to affect the United States average ginning rate.

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TABLE 106.—*Cotton: Average spot price per pound in specified foreign countries, 1940-47*

Market and description	Year beginning Aug. 1—							
	1940	1941	1942	1943	1944	1945	1946	1947
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Liverpool, England.....								
American Middling, $\frac{7}{8}$ inch <sup>1</sup> .....	14.64	15.23	13.87	15.21	20.59	20.59	29.55	37.28
American Middling, $\frac{13}{16}$ inch.....	<sup>3</sup> 14.95	15.57	14.21	15.55	20.93	20.93	30.15	37.94
Egyptian, Fully Good Fair:								
Sakel <sup>2</sup> .....	<sup>4</sup> 21.77	21.46	20.09	21.44	26.82	26.82	35.06	58.92
Giza 7.....	20.84	19.94	18.58	19.92	25.30	25.30	34.13	55.21
Ashmouni.....	19.58	18.51	17.06	18.41	23.79	23.79	34.72	50.72
Brazilian, Sao Paulo, Type 5.....	14.60	15.40	14.04	15.38	20.76	20.55	29.21	35.66
Peruvian, Good Tanguis.....	17.39	18.01	16.64	17.99	23.37	23.37	30.24	41.68
Indian, Superfine, Central Provinces.....	12.71	13.12	11.60	12.95	18.33	18.33	24.40	29.19
Sao Paulo, Brazil, Brazilian, Type 5.....	6.91	8.42	11.08	13.15	14.10	17.93	25.88	28.44
Bombay, India: Oomra, Fine <sup>7</sup> .....	6.62	<sup>5</sup> 6.59	( <sup>6</sup> )	( <sup>6</sup> )	16.50	16.43	16.94	21.47
Alexandria, Egypt: Ashmouni, F. G. F.....	11.91	13.57	16.70	20.04	28.32	27.67	33.12	48.03
Lima, Peru: Tanguis, Type 5.....	7.74	10.42	13.74	16.63	15.51	18.22	24.93	28.41
Buenos Aires, Argentina: Type B.....	11.61	15.45	13.83	13.72	15.28	20.43	30.14	37.53
Torreón, Mexico: Middling, $\frac{13}{16}$ inch.....	11.32	14.68	17.40	19.60	18.17	91.41	28.34	30.08

<sup>1</sup> For the period 1940-45 prices are for "Fair Staple," a term commonly used in connection with American cotton and which applies to cotton having an average staple length of approximately  $\frac{7}{8}$  inches.

<sup>2</sup> Prices of Karnak since November 1946.

<sup>3</sup> Average for 8 months.

<sup>4</sup> Average for 4 months.

<sup>5</sup> Average for 11 months.

<sup>6</sup> No quotations.

<sup>7</sup> Jarilla, fine, since December 1944.

Bureau of Agricultural Economics. For sources and methods of computation for 1940 see Agricultural Statistics, 1942, tables 158 and 159.

Prices subsequent to 1940 are from reports of the State Department and are converted to cents per pound according to rates of exchange furnished by the Federal Reserve Board except those in Liverpool, which are from "Cotton," the official journal of the Manchester Cotton Association, Ltd.

TABLE 107.—*Cotton, American upland: Spot price per pound of Middling  $1\frac{5}{16}$ -inch at 10 designated markets, 1938-47*

Year beginning August—	Charleston <sup>1</sup>	Augusta	Savannah	Montgomery	New Orleans	Memphis	Little Rock	Dallas	Houston	Galveston	Average of 10 markets <sup>2</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1938.....	9.27	9.26	9.22	8.86	9.04	8.89	8.84	8.70	8.98	8.85	9.00
1939.....	10.29	10.50	10.26	9.97	10.23	10.00	9.92	9.66	10.03	10.04	10.09
1940.....	11.19	11.47	11.23	11.02	11.06	10.86	10.79	10.65	10.86	10.86	11.00
1941.....	18.54	18.81	18.56	18.34	18.17	18.31	18.23	18.10	18.04	18.04	18.31
1942.....	20.37	20.60	20.41	20.25	19.96	20.06	20.04	19.96	19.88	19.88	20.14
1943.....	21.00	21.21	20.97	20.74	20.44	20.46	20.50	20.38	20.42	20.41	20.65
1944.....	22.13	22.27	22.10	21.84	21.69	21.79	21.79	21.58	21.67	21.68	21.86
1945.....	26.19	26.29	26.15	25.83	25.82	25.90	25.89	25.85	25.81	25.83	25.96
1946.....	34.98	35.18	35.02	34.74	34.65	34.90	34.79	34.65	34.61	34.63	34.82
1947.....	34.82	35.25	34.76	34.54	34.41	34.47	34.42	34.31	34.39	34.40	34.58

<sup>1</sup> Prior to Aug. 6, 1941, prices are those at Norfolk, Va.<sup>2</sup> Average of monthly averages of 10 markets.

Production and Marketing Administration. Compiled from the daily reports from the cotton exchanges of the various markets.

TABLE 108.—*Cotton: High, low, and season average price per pound for Middling  $\frac{7}{8}$ -inch and  $1\frac{5}{16}$ -inch in the 10 spot markets, 1938-47*

Season beginning August—	Middling $\frac{7}{8}$ -inch			Middling $1\frac{5}{16}$ -inch			Season beginning August—	Middling $\frac{7}{8}$ -inch			Middling $1\frac{5}{16}$ -inch		
	Average	High	Low	Average	High	Low		Average	High	Low	Average	High	Low
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1938.....	8.70	9.59	7.92	9.00	9.90	8.23	1943.....	19.56	20.96	18.08	20.65	22.11	19.16
1939.....	9.90	11.10	8.49	10.09	11.28	8.70	1944.....	20.60	21.40	19.93	21.86	22.82	21.08
1940.....	10.79	16.70	9.06	11.00	16.92	9.27	1945.....	24.39	34.09	20.65	25.96	35.72	22.07
1941.....	17.94	20.00	15.18	18.31	20.47	15.39	1946.....	33.33	37.79	26.44	34.82	39.35	27.95
1942.....	19.22	20.51	17.56	20.14	21.43	18.23	1947.....	32.36	36.20	28.75	34.39	38.65	30.55

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TABLE 109.—*Cotton, American upland: Premiums and discounts for respective grades and prices per pound for Middling  $1\frac{5}{16}$ -inch spot cotton, 10 designated markets, seasons 1938-47*

Year beginning August—	Premiums				Price, Middling $1\frac{5}{16}$ inch	Discounts			
	Middling Fair	Strict Good Middling	Good Middling	Strict Middling		Strict Low Middling	Low Middling	Strict Good Ordinary	Good Ordinary
	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>	<i>Cents</i>	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>	<i>Points</i> <sup>1</sup>
1938.....	63	57	51	39	9.00	61	151	228	289
1939.....	53	48	42	29	10.09	54	120	182	240
1940.....	57	51	45	32	11.00	52	124	185	234
1941.....	58	52	45	34	18.31	86	231	360	439
1942.....	59	52	44	33	20.14	145	382	528	623
1943.....	52	46	39	28	20.65	128	367	494	597
1944.....	50	45	38	27	21.86	129	372	521	622
1945.....	56	54	48	35	25.96	147	489	755	877
1946.....	61	60	56	40	34.82	126	506	938	1,118
1947.....	53	53	51	36	34.58	115	521	993	1,214

<sup>1</sup> Hundredths of a cent per pound.

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TABLE 110.—Cotton, American upland: Discounts and premiums for respective staple lengths and prices per pound for Middling  $1\frac{5}{16}$ -inch spot cotton, 1938-47 <sup>1</sup>

Year beginning August—	Discounts		Price, Middling $1\frac{5}{16}$ inch	Premiums				
	$1\frac{3}{16}$ inch	$7\frac{1}{8}$ inch		1 inch	$1\frac{1}{16}$ inches	$1\frac{1}{2}$ inches	$1\frac{3}{8}$ inches	$1\frac{1}{4}$ inches
	<i>Points</i> <sup>2</sup>	<i>Points</i> <sup>2</sup>	<i>Cents</i>	<i>Points</i> <sup>2</sup>	<i>Points</i> <sup>2</sup>	<i>Points</i> <sup>2</sup>	<i>Points</i> <sup>2</sup>	<i>Points</i> <sup>2</sup>
1938.....	123	30	9.00	24	56	170	299	499
1939.....	87	19	10.09	17	37	150	331	473
1940.....	81	21	11.00	20	46	157	451	644
1941.....	96	37	18.31	22	76	296	607	843
1942.....	156	92	20.14	27	114	373	763	1,034
1943.....	185	109	20.65	29	117	452	782	1,021
1944.....	264	126	21.86	28	118	457	813	1,038
1945.....	313	157	25.96	28	100	256	749	1,061
1946.....	298	149	34.82	25	63	124	490	629
1947.....	341	220	34.58	86	173	393	945	1,315

<sup>1</sup> Prices for Middling  $1\frac{5}{16}$  inch staple, discounts for  $1\frac{3}{16}$  inch and  $7\frac{1}{8}$  inch, and premiums for 1 inch and  $1\frac{1}{16}$  inches are averages of the 10 designated spot markets; those for  $1\frac{1}{2}$  inches and longer are quotations at Memphis.

<sup>2</sup> Hundredths of a cent per pound.

Production and Marketing Administration.

TABLE 111.—Cotton futures: Volume of trading and annual average of month-end open contracts, by contract markets, 1938-47

Year beginning August—	Annual volume of trading				Average month-end open contracts			
	New York Cotton Exchange	New Orleans Cotton Exchange	Chicago Board of Trade	Total	New York Cotton Exchange	New Orleans Cotton Exchange	Chicago Board of Trade	Total
	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>
1938.....	31,989	5,815	113	37,917	2,017	333	5	2,355
1939.....	35,415	7,496	28	42,939	1,637	264	1	1,902
1940.....	30,710	9,156	7	39,873	1,246	262	( <sup>1</sup> )	1,509
1941.....	41,052	21,187	14	62,253	1,537	522	1	2,060
1942.....	28,057	12,201	18	40,276	1,302	415	1	1,718
1943.....	29,084	12,417	98	41,599	1,282	397	2	1,681
1944.....	26,133	9,896	30	36,059	1,228	401	1	1,630
1945.....	43,011	22,256	3,830	69,097	1,924	842	29	2,795
1946.....	64,079	38,589	4,578	107,246	2,114	844	35	2,993
1947.....	60,812	42,763	2,718	106,293	1,886	771	28	2,685

<sup>1</sup> Less than 500 bales.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 112.—Cotton futures: Highest and lowest prices per pound, by date and future, New York Cotton Exchange, 1938-47

Year beginning August—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
	Cents			Cents		
1938.....	9.65	{ July 11 July 12 July 13	1939 July.....	7.26	{ Jan. 10 Jan. 26	1939 October 1939 December
1939.....	11.58	Dec. 14	1939 December (new)	7.63	Sept. 1	1940 July (old)
1940.....	17.78	July 28	1942 March.....	8.57	Aug. 7	1941 July
1941.....	20.25	Apr. 6	1943 March.....	15.57	Oct. 16	1941 December
1942.....	20.80	May 14	1943 May.....	17.64	Aug. 10	1942 October
1943.....	22.75	July 13	1944 July (new)	18.12	Nov. 29	1944 October
1944.....	23.17	July 16	1945 December.....	20.04	Sept. 7	1945 July
1945.....	36.70	July 19	1946 December.....	20.63	Aug. 20	1946 October
1946.....	39.59	July 14	1947 July.....	22.50	Nov. 7	1948 March
1947.....	38.92	Apr. 22	1948 May.....	27.23	Aug. 19	1948 December

Commodity Exchange Authority. Compiled from records of the New York Cotton Exchange. Data for 1929-37 in Agricultural Statistics, 1944, table 105. Highest and lowest prices during the period, Aug. 1, 1909, through July 31, 1948: High, 43.75 cents, July future, July 22 and 23, 1920; low, 4.91 cents, July future, June 10, 1932.

TABLE 113.—Cotton linters: Supply, distribution, and price, United States, 1937-48

Year beginning August—	Supply				Distribution			Price per pound <sup>1</sup>		
	Stocks Aug. 1	Production	Imports	Total	Consumption	Exports	De-destroyed	Grade 2	Grade 4	Grade 6
	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	Cents	Cents	Cents
1937.....	363	1,471	18	1,852	715	275	4	3.59	2.48	1.66
1938.....	865	1,113	49	2,027	851	213	16	3.37	2.14	1.28
1939.....	950	1,072	63	2,085	1,061	326	4	4.63	3.41	2.62
1940.....	706	1,208	252	2,166	1,359	21	1	5.23	4.19	3.13
1941.....	787	1,184	194	2,165	1,488	33	4	9.83	7.17	3.50
1942.....	637	1,355	79	2,071	1,301	28	2	9.74	7.07	3.50
1943.....	739	1,186	74	1,999	1,365	61	3	7.18	4.83	3.02
1944.....	567	1,251	199	2,017	1,481	41	1	7.17	5.01	3.21
1945.....	379	993	215	1,587	1,055	22	1	7.25	5.12	3.28
1946.....	422	995	92	1,509	984	53	(†)	11.71	9.30	8.22
1947 <sup>3</sup> .....	357	1,287	122	1,766	1,156	218	(†)	9.71	7.24	5.73
1948.....	370									

<sup>1</sup> Uncompressed in earload lots, f.o.b. mill points.

<sup>2</sup> Bales are running bales except imports, which are 500-pound bales.

<sup>3</sup> Preliminary.

<sup>4</sup> 200 bales.

Production and Marketing Administration. Supply and distribution figures compiled from reports of the Bureau of the Census and Bureau of Foreign and Domestic Commerce.

TABLE 114.—Fiber flax: Acreage, production, season average price per ton received by growers, and value, Oregon, 1938-47

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1938.....	3,880	0.68	2,622	20.00	52	1943.....	12,000	1.67	20,000	47.50	950
1939.....	3,900	1.44	5,600	35.70	200	1944.....	8,500	1.65	14,000	41.50	581
1940.....	7,300	1.18	8,600	55.50	477	1945.....	8,000	1.50	12,000	46.00	552
1941.....	11,000	2.17	23,900	65.00	1,554	1946.....	7,600	1.90	14,400	46.50	670
1942.....	18,000	2.05	36,900	52.50	1,937	1947 <sup>1</sup> .....	4,900	1.90	9,200	40.50	373

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 115.—Cotton and other specified fibers: Estimated total and per capita consumption, United States, 1938-47

Year	Total				Per capita			
	Cotton	Wool <sup>1</sup>	Rayon <sup>2</sup>	Silk <sup>3</sup>	Cotton	Wool <sup>1</sup>	Rayon <sup>2</sup>	Silk <sup>3</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	Pounds	Pounds	Pounds
1938.....	2,917.7	284.5	329.4	57.0	22.3	2.18	2.52	0.44
1939.....	3,628.6	396.5	458.7	55.3	27.5	3.01	3.48	.42
1940.....	3,958.7	407.9	482.0	47.6	29.8	3.07	3.63	.36
1941.....	5,191.5	647.9	591.8	25.6	38.7	4.83	4.41	.19
1942.....	5,633.1	615.4	620.6	.2	41.6	4.54	4.58	( <sup>5</sup> )
1943.....	5,270.6	624.1	656.1	( <sup>4</sup> )	38.4	4.54	4.78	( <sup>5</sup> )
1944.....	4,790.4	622.4	704.7	( <sup>4</sup> )	34.5	4.48	5.07	( <sup>5</sup> )
1945.....	4,515.8	645.1	769.9	1.0	32.2	4.59	5.48	.01
1946.....	4,809.2	737.5	875.5	13.5	33.8	5.19	6.16	.10
1947 <sup>6</sup> .....	4,663.3	698.2	987.9	3.2	32.2	4.82	6.82	.02

<sup>1</sup> Apparel and carpet wool, reduced to scoured basis.

<sup>2</sup> From Rayon Organon. Includes filament yarn and staple fiber.

<sup>3</sup> Imports for consumption.

<sup>4</sup> Less than 50,000 pounds.

<sup>5</sup> Less than 0.005 pound.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Calendar-year data divided by July 1 population to get per capita figures.

TABLE 116.—Imports for consumption and price of raw silk; production, net imports, consumption, and price of rayon, United States, 1938-47

Year	Raw silk		Rayon <sup>2</sup>				
	Imports for consumption	Price per pound <sup>1</sup>	Production	Net imports <sup>3</sup>	Consumption <sup>4</sup>	Price per pound <sup>5</sup>	
						Filament yarn <sup>6</sup>	Staple fiber <sup>7</sup>
	1,000 pounds	Dollars	1,000 pounds	1,000 pounds	1,000 pounds	Dollars	Dollars
1938.....	57,050	1.706	287,485	23,301	329,390	0.522	0.250
1939.....	55,271	2.723	379,940	46,632	458,711	.515	.250
1940.....	47,600	2.786	471,170	15,438	482,045	.530	.250
1941.....	25,651	( <sup>8</sup> )	573,230	6,855	591,837	.536	.250
1942.....	207	( <sup>8</sup> )	632,615	<sup>9</sup> 6,641	620,810	.550	.250
1943.....	11	( <sup>8</sup> )	663,145	<sup>9</sup> 14,039	<sup>10</sup> 656,072	.550	.240
1944.....	33	( <sup>8</sup> )	723,955	<sup>9</sup> 21,776	<sup>10</sup> 704,800	.550	.250
1945.....	954	( <sup>8</sup> )	792,035	<sup>9</sup> 27,053	769,945	.550	.250
1946.....	13,518	6.27	853,915	<sup>9</sup> 20,546	875,493	.559	.254
1947 <sup>11</sup> .....	3,182	<sup>12</sup> 4.45	975,145	3,324	987,900	.670	.320

<sup>1</sup> Average of monthly average wholesale prices of Japanese silk, double extra 13-15, 78 percent white, at New York.

<sup>2</sup> Yarn and staple fiber.

<sup>3</sup> Imports for consumption minus domestic exports. Imports are mainly staple fiber.

<sup>4</sup> Domestic shipments plus imports.

<sup>5</sup> Average of monthly average wholesale prices, f.o.b. producers' plants.

<sup>6</sup> Viscose, 150 denier, first quality.

<sup>7</sup> Viscose, 1½ denier.

<sup>8</sup> Office of Price Administration ceiling price of \$3.08 per pound effective August 1941; no sales of this grade reported from May 1942 until July 1946.

<sup>9</sup> Net exports.

<sup>10</sup> Domestic shipments only.

<sup>11</sup> Preliminary.

<sup>12</sup> Price for 10 months only. (No sales in April and September.)

Bureau of Agricultural Economics. Compiled as follows: Imports from Foreign Commerce and Navigation of the United States. Prices from bulletins of the U. S. Bureau of Labor Statistics. Production and consumption of rayon from the Rayon Organon.

TABLE 117.—Rayon: Production in selected countries and total, 1938-47

## RAYON YARN

Year	United States	Japan	Germany	United Kingdom	Italy	France	Netherlands	Soviet Union	Other countries	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1938.....	257.6	213.9	144.0	102.0	101.4	61.8	19.9	16.0	79.6	996.2
1939.....	328.6	238.6	161.0	111.6	119.1	56.2	24.0	17.0	88.8	1,144.9
1940.....	390.1	216.1	168.0	110.4	119.1	42.2	20.0	19.0	101.4	1,186.3
1941.....	451.2	168.1	199.0	78.9	127.9	70.5	35.5	15.0	118.7	1,264.8
1942.....	479.3	95.4	194.0	72.8	124.6	68.9	34.8	1.0	125.5	1,196.3
1943.....	501.1	50.4	212.0	70.3	100.5	58.2	29.8	-----	127.9	1,150.2
1944.....	555.2	22.8	160.0	76.3	39.9	29.3	19.3	-----	127.6	1,030.4
1945.....	623.7	5.6	40.0	84.6	3.4	30.5	3.4	1.6	104.2	897.0
1946.....	677.5	9.0	18.3	107.3	65.0	67.6	17.6	2.0	136.5	1,100.8
1947 <sup>1</sup> .....	746.7	16.3	33.4	117.7	115.2	81.7	28.4	10.0	161.4	1,310.8

## RAYON STAPLE FIBER

1938.....	29.9	327.2	340.0	29.7	166.9	10.8	0.1	8.0	15.3	927.9
1939.....	51.3	301.3	440.0	55.8	189.6	15.5	-----	11.0	30.2	1,094.7
1940.....	81.1	285.8	512.0	55.8	250.2	16.5	-----	14.0	69.3	1,284.7
1941.....	122.0	296.6	625.0	55.4	291.7	38.2	-----	10.0	113.2	1,552.1
1942.....	153.3	174.5	689.0	46.0	192.7	50.3	-----	1.0	145.3	1,452.1
1943.....	162.0	121.7	672.0	49.7	125.3	64.5	3.9	-----	190.6	1,389.7
1944.....	168.7	83.3	500.0	51.9	27.3	29.2	8.2	-----	181.0	1,049.6
1945.....	168.4	21.9	150.0	50.6	4.0	18.8	-----	2.0	85.2	500.9
1946.....	176.4	20.6	89.3	68.1	29.5	34.2	3.4	3.0	148.2	572.7
1947 <sup>1</sup> .....	228.4	19.3	73.0	80.6	47.6	42.6	17.4	5.0	166.0	679.9

## TOTAL RAYON YARN AND STAPLE FIBER

1938.....	287.5	541.1	484.0	131.7	268.3	72.6	19.9	24.0	95.0	1,924.1
1939.....	379.9	539.8	601.0	167.4	308.6	71.7	24.0	28.0	119.2	2,239.6
1940.....	471.2	501.9	680.0	166.2	369.3	58.7	20.0	33.0	170.7	2,471.0
1941.....	573.2	464.7	824.0	134.3	419.5	108.8	35.5	25.0	231.9	2,816.9
1942.....	632.6	269.9	883.0	118.8	317.3	119.2	34.8	2.0	270.7	2,648.3
1943.....	663.1	172.2	884.0	120.0	225.7	122.8	33.7	-----	318.4	2,539.9
1944.....	724.0	106.1	660.0	128.2	67.2	58.5	27.5	-----	308.6	2,080.1
1945.....	792.0	27.5	190.0	135.2	7.4	49.4	3.4	3.6	189.5	1,398.0
1946.....	853.9	29.7	107.6	175.4	94.5	101.8	21.0	5.0	284.6	1,673.5
1947 <sup>1</sup> .....	975.1	35.6	106.4	198.3	162.8	124.3	45.8	15.0	327.4	1,990.7

<sup>1</sup> Preliminary.

Production and Marketing Administration. Compiled from the Rayon Organon of the Textile Economics Bureau, Inc. Rayon is defined as "a man-made textile with a cellulose base." Production of Nylon, Vinyon, casein fibres, and other synthetic fibers, which are made basically from substances other than cellulose, not included.



TABLE 118.—*Sugar beets: Acreage, production, season average price per ton received by farmers, and value; production of beet sugar and other products, United States, 1929-47*

Year of harvest	Sugar beets						Beet sugar and pulp			
	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Price <sup>1</sup>	Farm value	Sugar produced (chiefly refined)	Molasses pulp	Dried pulp	Moist pulp
	1,000 acres	1,000 acres	Short tons	1,000 short tons	Dollars	1,000 dollars	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1929	772	688	10.6	7,315	7.08	51,804	1,018	111	48	-----
1930	821	776	11.9	9,199	7.14	65,698	1,208	150	60	1,458
1931	760	713	11.1	7,903	5.94	46,948	1,156	99	75	1,112
1932	812	764	11.9	9,070	5.26	47,705	1,357	116	134	1,340
1933	1,036	983	11.2	11,030	5.13	56,599	1,642	141	134	1,715
1934	945	770	9.8	7,519	5.16	38,776	1,160	130	92	1,198
1935	809	763	10.4	7,908	5.76	45,565	1,185	125	74	1,454
1936	855	776	11.6	9,028	6.05	54,636	1,304	157	73	1,543
1937	813	753	11.6	8,759	5.26	46,101	1,283	166	51	1,600
1938	985	925	12.4	11,497	4.65	53,478	1,676	219	105	1,858
1939	993	918	11.7	10,781	4.76	51,342	1,644	175	98	1,711
1940	971	912	13.4	12,194	5.13	62,540	1,756	189	114	1,625
1941	796	755	13.7	10,342	6.47	66,928	1,491	181	101	1,556
1942	1,048	954	12.2	11,685	6.87	80,279	1,619	151	138	1,688
1943	619	550	11.9	6,547	8.87	58,089	935	84	77	1,063
1944	633	555	12.1	6,715	10.70	71,586	979	77	101	1,008
1945	776	713	12.1	8,626	10.20	87,793	1,183	115	101	1,173
1946	904	802	13.2	10,562	11.20	118,251	1,423	165	130	1,434
1947 <sup>2</sup>	968	881	14.2	12,504	11.90	148,588	1,712	183	127	1,869

<sup>1</sup> Prices do not include Government payments under the Sugar Act. Price support payments for 1943-47 are included. (See table 123.)

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1913-28 in Agricultural Statistics, 1942, table 170.

TABLE 119.—*Sugar beets: Acreage, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

State	Acreage planted			Acreage harvested			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946 <sup>2</sup>	1947 <sup>1 2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	Dollars	Dollars
Ohio	37	29	26	32	26	21	291	234	151	7.93	13.80	12.90
Michigan	103	106	84	92	95	66	803	814	446	7.90	13.80	13.30
Nebraska	69	69	82	64	60	71	805	825	805	8.38	10.30	11.40
Montana	76	82	82	71	73	77	839	891	899	7.01	10.90	12.30
Idaho	64	92	116	59	76	103	846	1,274	1,761	6.69	11.50	11.90
Wyoming	44	40	39	41	36	36	489	421	457	6.67	10.90	11.90
Colorado	158	172	176	147	153	168	1,887	1,920	2,548	6.60	10.10	11.50
Utah	44	45	47	42	41	45	553	568	740	6.54	10.70	11.60
California <sup>3</sup>	140	135	164	129	122	156	1,939	2,079	2,897	7.30	11.40	12.30
Other States	115	134	152	104	120	138	1,164	1,536	1,800	6.61	11.20	11.40
United States	849	904	968	781	802	881	9,617	10,562	12,504	6.90	11.20	11.90

<sup>1</sup> Preliminary.

<sup>2</sup> Includes price support payments of approximately \$1.20 per ton in 1947. Does not include Government payments under the Sugar Act of \$2.55 per ton in 1946 and approximately \$2.54 in 1947.

<sup>3</sup> Relates to year of harvest (including acreage planted in preceding fall).

Bureau of Agricultural Economics.

TABLE 120.—*Sugar-beet seed: Acreage, yield, production, price per pound, farm value, and volume of foreign trade, United States, 1932-47*

Year	Acreage harvested		Yield per acre		Pro-duction	Average price per pound received by farmers	Farm value	Foreign trade	
	Acres	Pounds	100-pound bags	Cents				1,000 dollars	Im-ports <sup>1</sup>
1932	412	1,337	5,508	7.51		41	209,132		
1933	949	1,448	14,119	8.04		114	202,766		
1934	1,601	1,765	28,256	8.02		227	157,560		
1935	2,322	1,671	38,808	8.19		318	113,488		
1936	5,978	1,360	81,307	8.05		655	109,601		
1937	7,064	1,712	120,965	8.65	1,046		130,167		
1938	8,376	1,631	136,619	8.66	1,183		46,535		
1939	7,754	1,787	138,534	8.52	1,180		82,432		
1940	6,598	1,127	74,018	8.43	624		7,814		
1941	10,235	1,767	180,852	9.23	1,669			1,267	
1942	9,467	1,704	161,304	9.84	1,587			4,280	
1943	9,926	1,574	156,258	11.73	1,833			2,014	
1944	6,254	2,009	125,665	13.01	1,635			1,692	
1945	4,849	2,170	105,446	13.14	1,386			34,236	
1946	5,740	2,862	164,286	13.11	2,154			90,702	
1947	6,420	2,632	168,990	13.18	2,227		800	<sup>3</sup> 104,775	

<sup>1</sup> Compiled from annual reports, Foreign Commerce and Navigation of the United States, Department of Commerce.

<sup>2</sup> Data supplied by Foreign Trade Division, Census Bureau, Department of Commerce.

<sup>3</sup> Includes 1,405 bags shipped to Germany under the Department of the Army Civilian-Supply Program.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Data in first 5 columns compiled from reports furnished by beet-sugar companies and their associations engaged in sugar-beet seed production.

TABLE 121.—*Sugar-beet seed: Acreage, yield per acre, and production, by States, average 1935-44, annual 1945-47*<sup>1</sup>

State	Acreage harvested				Yield per acre				Production			
	Average 1935-44	1945	1946	1947	Average 1935-44	1945	1946	1947	Average 1935-44	1945	1946	1947
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>100-pound bags</i>	<i>100-pound bags</i>	<i>100-pound bags</i>	<i>100-pound bags</i>
New Mexico	1,242	656	560	544	1,283	1,256	1,723	1,301	15,929	8,243	9,649	7,076
Utah	594	405	466	480	2,081	2,224	2,064	2,901	12,362	9,006	9,618	13,926
Nevada	95	108	83	41	1,654	1,779	1,494	2,476	1,571	1,925	1,237	1,015
Arizona	3,452	1,883	3,479	3,629	1,618	2,403	3,286	2,973	55,849	45,239	114,334	107,901
California	1,030	1,094	727	1,071	2,620	2,764	2,981	2,581	26,986	30,241	21,607	27,645
Oregon	507	512	409	634	1,590	1,568	1,879	1,766	8,063	8,027	7,685	11,199
Other States	422	191	16	21	1,067	1,448	975	1,085	4,505	2,765	156	228
Total, all varieties	7,342	4,849	5,740	6,420	1,706	2,170	2,862	2,632	125,265	105,446	164,286	<sup>2</sup> 168,990
Curly-top-resistant varieties <sup>3</sup>	2,538	893	1,635	2,018	2,088	2,575	2,442	2,615	53,004	22,994	39,932	52,763

<sup>1</sup> Seed is produced almost exclusively from fall plantings overwintered in the field.

<sup>2</sup> Comprises 52,763 bags of curly-top-resistant varieties, 34,814 bags of commercial seed of United States leaf-spot-resistant varieties, 939 bags of stock seed for use in future production of commercial seed, and 80,474 bags of seed of improved varieties bred by beet-sugar companies. See Agricultural Statistics 1947, table 119, for notes regarding the 1946 crop.

<sup>3</sup> The curly-top-resistant varieties are chiefly those bred by the Bureau of Plant Industry, Soils, and Agricultural Engineering.

Bureau of Plant Industry, Soils and Agricultural Engineering. Compiled from reports furnished by beet-sugar companies and their associations engaged in sugar-beet seed production.

TABLE 122.—*Sugar beets: Acreage and production, specified countries, averages 1930-34 and 1935-39, annual 1944-47*

Continent and country	Acreage						Production					
	Average		1944	1945	1946	1947 <sup>1</sup>	Average		1944	1945	1946	1947 <sup>1</sup>
	1930-34	1935-39					1930-34	1935-39				
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
North America:												
Canada.....	42	50	56	59	67	58	439	504	564	619	736	627
United States.....	801	828	558	713	802	881	8,945	9,623	6,755	8,626	10,562	12,504
Total.....	843	878	614	772	869	939	9,384	10,127	7,319	9,245	11,298	13,131
Europe:												
Austria.....	107	105	74	31	40	48	1,201	1,234	635	141	248	271
Belgium.....	133	122	142	95	110	129	1,824	1,731	1,870	967	1,638	1,221
Bulgaria.....	31	22	59	76	80	66	244	175	361	139	319	218
Czechoslovakia.....	424	<sup>2</sup> 380	<sup>3</sup> 372	<sup>3</sup> 379	<sup>3</sup> 433	451	5,171	<sup>2</sup> 4,441	<sup>3</sup> 4,850	<sup>3</sup> 3,572	<sup>3</sup> 4,785	<sup>3</sup> 2,653
Denmark.....	93	99	104	96	106	111	1,336	1,595	1,400	1,422	1,690	1,604
Eire.....	19	55	82	85	75	61	230	577	706	786	568	444
Finland.....	6	9	9	7	9	13	60	108	51	41	53	85
France.....	666	579	605	487	616	781	8,704	7,165	5,291	4,927	7,304	8,709
Germany.....	801	1,071	<sup>1</sup> 2,955	493	805	876	11,642	14,179	17,557	5,512	7,501	6,012
Hungary.....	128	<sup>2</sup> 94	<sup>3</sup> 247	38	133	219	1,134	<sup>2</sup> 866	<sup>3</sup> 1,856	198	569	1,106
Italy.....	238	273	281	71	250	274	2,825	3,135	3,304	442	2,554	2,459
Netherlands.....	111	106	99	45	111	79	1,886	1,601	1,477	495	1,879	1,738
Poland and Danzig.....	327	<sup>2</sup> 331	400	<sup>3</sup> 457	<sup>3</sup> 420	516	3,147	<sup>2</sup> 3,147	3,100	<sup>3</sup> 3,059	<sup>3</sup> 3,007	3,858
Rumania.....	81	<sup>2</sup> 100	<sup>3</sup> 198	<sup>3</sup> 106	<sup>3</sup> 116	<sup>3</sup> 141	615	842	<sup>3</sup> 1,010	<sup>3</sup> 243	<sup>3</sup> 225	<sup>3</sup> 650
Spain.....	223	193	153	142	176	194	2,534	<sup>2</sup> 1,221	1,303	1,056	1,682	1,466
Sweden.....	105	128	136	135	136	119	1,620	2,080	1,988	1,999	1,958	1,646
Switzerland.....	3	6	14	14	14	13	57	91	207	235	188	177
United Kingdom.....	322	346	431	417	436	395	3,215	3,399	3,659	4,352	5,065	3,231
Yugoslavia.....	96	71	59	66	127	179	700	707	361	349	601	1,268
Total Europe, excluding U. S. S. R. ....	3,914	4,090	4,760	3,240	4,193	4,665	48,145	48,294	50,986	29,935	41,834	38,816
U. S. S. R. (Europe and Asia <sup>4</sup> ).....	3,173	3,023	1,417	2,295	2,584	2,684	11,929	18,651	11,574	12,125	13,260	14,970
Asia:												
Turkey.....	47	69	115	137	99	111	288	435	620	625	678	677
Grand total.....	7,977	8,060	6,906	6,444	7,745	8,399	69,746	77,507	70,499	51,930	67,070	67,594

<sup>1</sup> Preliminary.<sup>2</sup> Less than 5 years.<sup>3</sup> Data not comparable with previous years because of boundary changes.<sup>4</sup> Includes Latvia and Lithuania.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Estimates of countries having boundary changes have been adjusted to prewar boundaries except as noted. Data for some countries, including Yugoslavia, obtained from the Statistical Bulletin of the International Sugar Council of London.

TABLE 123.—*Sugar beets: Season average price per ton received by farmers, program payments, and support payments, by States, crop years, 1943-47*<sup>1</sup>

State and kind of payments	1943	1944	1945	1946	1947	State and kind of payments	1943	1944	1945	1946	1947
	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>		<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>
	<i>lars</i>	<i>lars</i>	<i>lars</i>	<i>lars</i>	<i>lars</i>		<i>lars</i>	<i>lars</i>	<i>lars</i>	<i>lars</i>	<i>lars</i>
Ohio:						Colorado:					
Price of beets.....	8.15	8.84	9.05	13.80	-----	Price of beets.....	7.14	7.88	8.00	10.10	-----
Program payments.....	2.62	2.69	2.55	2.78	-----	Program payments.....	2.49	2.69	2.47	2.20	-----
Support payments.....	1.85	3.16	2.65	-----	-----	Support payments.....	1.28	2.82	1.90	-----	-----
Total price.....	12.62	14.69	14.25	16.58	-----	Total price.....	10.91	13.39	12.37	12.30	-----
Michigan:						Utah:					
Price of beets.....	8.58	9.05	8.55	13.80	-----	Price of beets.....	6.73	7.29	7.51	10.70	-----
Program payments.....	2.61	2.63	2.47	2.78	-----	Program payments.....	2.40	2.60	2.43	2.26	-----
Support payments.....	1.62	3.05	2.55	-----	-----	Support payments.....	1.28	2.81	2.09	-----	-----
Total price.....	12.81	14.73	13.57	16.58	-----	Total price.....	10.41	12.70	12.03	12.96	-----
Nebraska:						California: <sup>2</sup>					
Price of beets.....	7.11	7.40	7.41	10.30	-----	Price of beets.....	8.80	8.01	8.67	11.40	-----
Program payments.....	2.47	2.54	2.32	2.29	-----	Program payments.....	2.69	2.58	2.56	2.56	-----
Support payments.....	1.25	2.80	1.79	-----	-----	Support payments.....	1.50	2.99	2.23	-----	-----
Total price.....	10.83	12.74	11.52	12.59	-----	Total price.....	12.99	13.58	13.46	13.96	-----
Montana:						Other States:					
Price of beets.....	7.88	7.69	8.24	10.90	-----	Price of beets.....	7.09	7.21	7.57	11.20	-----
Program payments.....	2.75	2.68	2.62	2.44	-----	Program payments.....	2.53	2.55	2.49	2.48	-----
Support payments.....	1.37	2.91	2.06	-----	-----	Support payments.....	1.48	2.89	2.22	-----	-----
Total price.....	12.00	13.28	12.92	13.34	-----	Total price.....	11.10	12.65	12.28	13.68	-----
Idaho:						United States:					
Price of beets.....	6.86	7.37	7.78	11.50	-----	Price of beets.....	7.51	7.82	8.08	11.20	<sup>3</sup> 10.70
Program payments.....	2.46	2.59	2.54	2.43	-----	Program payments.....	2.55	2.62	2.50	2.44	<sup>3</sup> 2.54
Support payments.....	1.28	2.93	2.12	-----	-----	Support payments.....	1.36	2.88	2.12	-----	<sup>3</sup> 1.20
Total price.....	10.60	12.89	12.44	13.93	-----	Total price.....	11.42	13.32	12.70	13.64	<sup>3</sup> 14.44
Wyoming:											
Price of beets.....	7.52	7.57	8.19	10.90	-----						
Program payments.....	2.60	2.59	2.58	2.42	-----						
Support payments.....	1.17	2.73	1.91	-----	-----						
Total price.....	11.29	12.89	12.68	13.32	-----						

<sup>1</sup> Program payments represent gross payments for sugar beets marketed before applying penalties which were imposed in several years and before deducting county association expenses which were charged; payments with respect to crop deficiency and acreage abandonment have not been included. See table 753 for amounts of abandonment and deficiency payments. Amounts shown are based upon conditional payments under the Sugar Act of 1937, computed at the basic rate before adjusting for reduction applicable to large producers as provided for in Section 304 (c). Support payments in 1943-45 were made under the War Food Administration program.

<sup>2</sup> Price of beets includes fall-planted beets in next crop year. Support payments and Sugar Act payments include fall-planted beets in the same crop year.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 12A.—*Sugarcane for sugar: Acreage, production, and value, also production of cane sugar and molasses, Louisiana and Florida, 1929-47*

Year <sup>1</sup>	Acreage harvested			Yield of cane per acre <sup>1</sup>			Production			Season average price per ton received by farmers <sup>2</sup>	Farm value		Sugar produced		Raw sugar 96° made per ton of cane	Molasses made	
	For sugar	For seed	Total	For sugar	For seed	Total	For sugar	For seed	Total		Of cane used for sugar and seed	Of cane used for sugar and seed	Con-verted to 96° raw basis <sup>3</sup>	Equi-valent re-fined <sup>4</sup>		Black-strap	Total <sup>5</sup>
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	1,000 dollars	1,000 dollars	1,000 short tons	1,000 short tons	Pounds	1,000 gallons	1,000 gallons
1929	191.7	13.3	205.0	16.3	17.3	33.6	3,120	230	3,350	3.73	11,637	12,500	218	205	140	15,862	21,063
1930	187.2	16.3	203.5	15.5	14.9	30.4	2,910	243	3,153	3.31	9,614	10,430	215	201	148	14,234	19,089
1931	182.1	17.3	199.4	13.9	13.8	27.7	2,524	239	2,763	3.21	8,093	8,874	184	172	146	11,496	16,464
1932	200.6	21.3	241.9	15.0	13.7	28.7	3,307	292	3,599	2.98	9,854	10,741	265	248	160	13,472	18,934
1933	211.4	22.4	233.8	14.5	13.7	28.2	3,069	306	3,375	3.14	9,614	10,607	250	234	163	14,140	19,441
1934	235.8	26.8	262.6	14.4	14.9	29.3	3,403	399	3,802	2.33	7,925	8,584	267	249	157	15,686	21,198
1935	253.1	22.3	275.4	18.1	17.1	35.2	4,573	381	4,954	3.15	14,382	15,589	383	358	168	23,380	28,906
1936	243.6	20.6	264.2	22.2	21.4	43.6	5,419	441	5,860	3.67	17,872	21,499	437	409	161	31,061	36,289
1937	284.4	22.8	307.2	20.7	21.3	42.0	5,881	486	6,367	2.90	17,076	18,488	462	432	157	33,531	37,411
1938	294.3	18.6	312.9	22.9	22.9	45.8	6,741	416	7,157	2.70	18,240	19,355	583	545	173	40,506	44,388
1939	256.1	20.8	276.9	22.6	22.2	44.8	5,783	461	6,244	2.84	16,441	17,759	504	471	174	31,716	36,607
1940	238.0	31.7	269.7	16.0	13.3	29.3	3,797	421	4,218	2.87	10,934	12,097	332	311	175	21,476	24,182
1941	256.0	32.7	288.7	19.1	17.9	37.0	4,887	584	5,471	3.95	19,284	21,563	419	392	171	26,052	31,452
1942	291.4	25.5	316.9	18.5	17.3	35.8	5,400	440	5,840	4.39	23,743	25,663	460	430	170	26,601	34,333
1943	286.2	29.4	315.6	18.5	17.3	35.8	5,400	440	5,840	4.58	27,820	29,675	498	466	164	33,184	43,874
1944	273.1	21.2	294.3	20.9	20.5	41.4	6,081	404	6,485	4.95	28,191	30,313	437	409	153	34,116	41,038
1945	270.4	20.0	290.4	23.2	22.1	45.3	6,276	442	6,718	5.67	35,593	38,078	475	444	151	32,165	47,346
1946	286.7	24.1	310.8	19.3	18.3	37.6	5,525	442	5,967	6.62	36,903	39,513	425	397	154	26,404	39,983
1947 <sup>5</sup>	292.7	28.4	321.1	17.0	16.3	33.3	4,974	463	5,437	7.28	36,228	39,579	376	352	151	27,076	32,222

<sup>1</sup> The growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually ends by December or early January in Louisiana and in Florida by March following the season of growth.

<sup>2</sup> Prices do not include Government payments under the Sugar Act. Price support payments for 1943-45 are included. See table 12B.

<sup>3</sup> Calculated by the Agricultural Adjustment Administration method. (S. R. Series 1, No. 1.)

<sup>4</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

<sup>5</sup> Strip production not included. (See table 139.)

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Of the total sugar produced in Louisiana about 25 percent consists of direct consumption sugar, marketed "as made", without further refining. Data for 1909-28 in Agricultural Statistics, 1942, table 175.

TABLE 125.—*Sugarcane for sugar and products: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

State and utilization	Acreage harvested			Yield of cane per acre <sup>2</sup>			Cane production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946 <sup>3</sup>	1947 <sup>1,3</sup>
For sugar:	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Louisiana .....	244.6	255.0	258.0	19.6	17.6	15.7	4,812	4,488	4,051	3.91	6.55	7.20
Florida .....	24.8	31.7	34.7	31.9	32.7	26.6	784	1,037	923	3.83	6.95	7.65
Total .....	269.4	286.7	292.7	20.7	19.3	17.0	5,596	5,525	4,974	3.85	6.62	7.28
For seed:												
Louisiana .....	22.6	23.0	27.0	19.3	17.6	15.7	426	405	424			
Florida .....	.8	1.1	1.4	35.0	33.2	28.0	27	37	39			
Total .....	23.4	24.1	28.4	19.9	18.3	16.3	452	442	463			
For sugar and seed:												
Louisiana .....	267.2	278.0	285.0	19.6	17.6	15.7	5,238	4,893	4,475	3.91	6.55	7.20
Florida .....	25.5	32.8	36.1	32.0	32.7	26.6	811	1,074	962	3.83	6.95	7.65
United States total .....	292.7	310.8	321.1	20.6	19.2	16.9	6,049	5,967	5,437	3.85	6.62	7.28

## PRODUCTS OF CANE HARVESTED FOR SUGAR

State	Sugar per ton of cane, 96° equivalent			Raw sugar produced, 96° equivalent <sup>4</sup>			Sugar produced, equivalent refined <sup>5</sup>			Molasses, including blackstrap		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 gal-</i>	<i>1,000 gal-</i>	<i>1,000 gal-</i>
Louisiana .....	160	148	147	385	331	297	360	309	278	32,963	33,282	26,822
Florida .....	191	181	171	75	94	79	71	88	74	4,729	6,711	5,400
United States total .....	165	154	151	461	425	376	431	397	352	37,692	39,993	32,222

<sup>1</sup> Preliminary.<sup>2</sup> The growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually ends by December or early January in Louisiana and in Florida by March following the season of growth.<sup>3</sup> Does not include Government payments under the Sugar Act of \$1.33 per ton in 1946 and approximately \$1.34 in 1947.<sup>4</sup> Calculated by the Agricultural Adjustment Administration method (S. R. Series 1, No. 1).<sup>5</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.<sup>6</sup> Includes 13,589,000 gallons of edible molasses in 1946 and 5,146,000 gallons in 1947.<sup>7</sup> Edible molasses not produced in Florida; therefore the Florida figures are for blackstrap.

Bureau of Agricultural Economics.

TABLE 126.—*Sugarcane for sugar: Average price per ton and payments to farmers under Federal sugar program, Florida and Louisiana, 1938-47*

Year	Florida				Louisiana				United States			
	Price of cane *	Payments under Federal sugar program		Total receipts	Price of cane	Payments under Federal sugar program		Total receipts	Price of cane	Payments under Federal sugar program		Total receipts
		Price support <sup>1</sup>	Other <sup>2</sup>			Price support <sup>1</sup>	Other <sup>2</sup>			Price support <sup>1</sup>	Other <sup>2</sup>	
	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars
1938.....	3.01		\$ 1.26	4.27	2.66		\$ 1.01	3.67	2.71		\$ 1.04	3.75
1939.....	2.58		\$ 1.18	3.76	2.88		\$ 1.02	3.90	2.84		\$ 1.04	3.88
1940.....	3.37		\$ 1.25	4.62	2.72		\$ .96	3.68	2.88		\$ 1.03	3.91
1941.....	3.97		\$ 1.20	5.17	3.94		\$ .98	4.92	3.95		\$ 1.02	4.97
1942.....	4.74		\$ 1.57	6.31	4.35		\$ 1.38	5.73	4.40		\$ 1.40	5.80
1943.....	4.38		\$ 1.55	5.93	4.26	0.34	\$ 1.34	5.94	4.27	0.30	\$ 1.36	5.93
1944.....	4.47	0.26	\$ 1.49	6.22	4.15	.83	\$ 1.28	6.26	4.19	.75	\$ 1.31	6.25
1945.....	4.92	1.21	\$ 1.58	7.71	4.08	1.50	\$ 1.27	6.85	4.22	1.45	\$ 1.32	6.99
1946.....	6.95		\$ 1.54	8.49	6.55		\$ 1.32	7.87	6.62		\$ 1.36	7.98
1947 <sup>5</sup> .....	6.85		\$ 1.51	8.36	7.24		\$ 1.33	8.57	7.17		\$ 1.36	8.53

<sup>1</sup> Made under the Commodity Credit price assistance program.

<sup>2</sup> Representing gross payments relative to sugarcane marketed before applying penalties which were imposed in 1940 and before deducting county association expenses which were charged in all years; payments with respect to crop deficiency and acreage abandonment not included.

<sup>3</sup> Conditional payments under the Sugar Act of 1937 computed at the basic rate before adjusting for reductions applicable to large producers as provided for in sec. 304 (c). The basic rate of payment increased from 60 to 80 cents per 100 pounds of sugar in 1942.

<sup>4</sup> Revised.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Payments under Federal sugar program computed by Sugar Branch of Production and Marketing Administration.

TABLE 127.—*Sugar, chiefly raw: Production in continental United States and principal areas supplying United States with sugar, 1938-47*

Crop year <sup>1</sup>	Cane sugar							Beet sugar, continental United States <sup>3</sup>	Total cane and beet sugar
	Continental United States	Puerto Rico	Hawaii	Philippine Islands <sup>2</sup>	Virgin Islands	Cuba	Total		
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1938.....	583	852	994	1,149	6	3,094	6,678	1,803	8,481
1939.....	504	1,019	977	1,142	7	3,157	6,806	1,758	8,564
1940.....	332	932	947	1,148	8	2,734	6,101	1,897	7,998
1941.....	419	1,148	870	665	1	3,800	6,903	1,588	8,491
1942.....	460	1,039	886	150	4	3,230	5,769	1,726	7,495
1943.....	498	724	875	150	3	4,738	6,988	998	7,986
1944.....	437	964	821	75	4	3,923	6,224	1,056	7,280
1945.....	475	909	680	115	6	4,476	6,661	1,278	7,939
1946.....	425	1,088	872	180	3	6,448	9,016	1,523	10,539
1947 <sup>4</sup> .....	376	1,108	950	480	4	6,680	9,598	1,832	11,430

<sup>1</sup> Crop year, with beginning dates varying from September to the following January.

<sup>2</sup> Includes the production of muscovado and panocha, a low grade of sugar mostly for domestic consumption.

<sup>3</sup> Beet sugar (refined) reduced to raw basis by multiplying by 1.07.

<sup>4</sup> Preliminary.

Office of Foreign Agricultural Relations.

TABLE 128.—*Cane sugar: Production in Cuba, 1939-48*<sup>1</sup>

Year <sup>1</sup>	Cane grown <sup>2</sup>		Sugarcane harvested <sup>3</sup>			Raw sugar produced		Molasses produced	
	Acreage	Production	Acreage	Yield per acre	Total cane cut	Total	Sugar made per ton of sugar cane	Black-strap	High test
	<i>1,000 acres</i>	<i>1,000 short tons</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>Pounds</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1939.....	2,315	37,954	1,769	15.99	28,282	3,094	247	150,271	100,482
1940.....	2,325	39,447	1,883	16.58	31,220	3,157	247	124,903	178,026
1941.....	2,294	41,613	1,847	17.87	33,010	2,734	250	101,241	338,712
1942.....	2,172	37,753	2,093	17.45	36,525	3,800	246	163,628	168,602
1943.....	2,402	39,300	1,597	15.85	25,309	3,230	260	139,543	0
1944.....	2,496	47,119	2,392	18.90	45,314	4,738	248	231,391	222,523
1945.....	2,528	32,611	2,343	12.90	30,224	3,923	260	194,741	0
1946.....	2,645	38,749	2,517	14.65	36,859	4,476	243	233,650	0
1947 <sup>4</sup> .....	2,845	53,941	2,774	18.96	52,584	6,448	244	299,400	0
1948 <sup>4</sup> .....	3,014	55,819	2,924	18.52	54,165	6,680	247	331,600	0

<sup>1</sup> Harvesting season usually begins in January and extends through June. The length of the growing season is normally 12 months.

<sup>2</sup> Includes all cane cut, left standing, and destroyed by fire.

<sup>3</sup> Includes cane harvested for sugar and high-test molasses.

<sup>4</sup> Preliminary.

Office of Foreign Agricultural Relations. Prepared from data compiled by the Cuban Department of Agriculture and from trade sources.

TABLE 129.—*Cane sugar: Production in Puerto Rico, 1939-48*

Year <sup>1</sup>	Sugarcane harvested			Raw sugar produced		Black-strap molasses produced
	Acreage	Yield per acre	Production	Total	Sugar made per ton of sugarcane	
	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>Pounds</i>	<i>1,000 gallons</i>
1939.....	303	22.7	6,875	852	248	34,511
1940.....	308	28.5	8,796	1,019	232	44,156
1941.....	308	25.1	7,745	932	241	40,276
1942.....	306	32.7	10,010	1,148	229	51,400
1943.....	307	28.2	8,678	1,039	240	40,200
1944.....	297	18.9	5,602	724	258	28,200
1945.....	302	26.5	7,998	964	241	40,400
1946.....	308	24.5	7,539	909	241	38,400
1947 <sup>2</sup> .....	308	30.2	9,296	1,088	234	50,800
1948 <sup>2</sup> .....	308	31.0	9,541	1,108	232	54,823

<sup>1</sup> Grinding begins in January. About  $\frac{1}{2}$  of the crop is 18 months' growth and  $\frac{1}{2}$  is 12 months' growth.

<sup>2</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from annual reports of the Governor of Puerto Rico.



TABLE 130.—*Cane sugar: Production in Hawaii, 1938-47*

Year <sup>1</sup>	Total acreage in cane	Cane used for sugar			Sugar produced		Raw sugar 96° made per short ton of cane	Recovery of equivalent refined sugar from cane ground <sup>5</sup>
		Acreage harvested	Yield per acre <sup>2</sup>	Production	Converted to 96° raw basis <sup>3</sup>	Equivalent refined <sup>4</sup>		
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>Pounds</i>	<i>Percent</i>
1938.....	238	136	65.0	8,835	941	880	213	9.96
1939.....	235	138	62.2	8,610	994	929	231	10.79
1940.....	235	136	62.7	8,557	977	913	228	10.67
1941.....	238	131	65.5	8,560	947	885	221	10.34
1942.....	225	115	69.0	7,918	870	813	220	10.27
1943.....	221	114	72.0	8,185	886	828	216	10.11
1944.....	216	110	71.5	7,832	875	818	223	10.44
1945.....	211	103	71.4	7,371	821	768	223	10.41
1946.....	208	84	71.1	6,002	680	636	227	10.59
1947.....	212	113	70.3	7,942	872	815	220	10.26

<sup>1</sup> Beginning Jan. 1.<sup>2</sup> The growth of 18 to 24 months. Only a portion of the total acreage in cane is harvested each year.<sup>3</sup> Converted in accordance with Sugar Regulations, Series 1, No. 1, U.S. Department of Agriculture, Agricultural Adjustment Administration, issued Feb. 18, 1935.<sup>4</sup> 1 ton of raw sugar, 96° test, is assumed to be equivalent to 0.9346 ton of refined.<sup>5</sup> Based on tonnage of cane used.

Bureau of Agricultural Economics. Collected through the Hawaiian Sugar Planters' Association. Data for 1919-37 in Agricultural Statistics, 1942, table 182.

TABLE 131.—*Cane sugars: Production in Philippine Islands, 1938-47*

Crop year <sup>1</sup>	Sugarcane harvested				Sugar produced				Centrifugal sugar made per ton of sugarcane	Production of—	
	Acreage cultivated	Yield per acre <sup>2</sup>	Production of all cane harvested <sup>3</sup>	Production for centrifugal sugar	Total	Centrifugal as made	Muscovado	Panocha		Basi	Molasses
	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,00 short tons</i>	<i>Pounds</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1938.....	568	17.47	9,918	9,198	1,149	1,089	27	33	236	2,122	48,285
1939.....	590	16.97	10,011	8,917	1,142	1,049	64	29	235	1,793	50,578
1940.....	551	17.00	9,506	8,135	1,148	1,035	75	38	254	2,000	49,163
1941.....	334	17.00	5,795	4,400	665	550	75	40	250	2,000	26,125
1942.....	180	10.00	1,795	40	150	5	100	45	250	2,000	238
1943.....	144	10.00	1,435	40	150	5	100	45	250	2,000	238
1944.....	96	10.00	955	40	75	5	50	20	250	2,000	238
1945.....	135	10.00	1,349	110	115	13	75	27	236	2,000	618
1946 <sup>4</sup> .....	192	10.00	1,915	700	180	80	75	25	228	2,000	3,800
1947 <sup>4</sup> .....	305	16.11	4,915	3,760	480	392	70	18	268	2,000	20,000

<sup>1</sup> Harvesting season begins about Nov. 1, the length of the growing season being about 11 months.<sup>2</sup> Calculated cane production divided by acreage.<sup>3</sup> Calculated cane production is the sum of the estimated quantities of cane used for the production of the various kinds of sugar and basi. The quantity of cane ground for the production of centrifugal sugar is estimated on the basis of the reported yield of sugar per ton of cane. The quantity of cane ground for the production of muscovado, panocha, and basi is estimated on the basis of assumed ratios of juice extraction between the small mills and centrals.<sup>4</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from reports of Philippine Department of Agriculture and Commerce.

TABLE 132.—*Sugar (raw value): Production in specified countries, averages 1930-34 and 1935-39, annual 1942-47*<sup>1</sup>

Continent and country	Average		1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
<b>North America (cane):</b>								
British Honduras.....	0	1	1	1	1	1	1	1
Canada (beet).....	66	76	101	76	88	88	109	87
Costa Rica.....	7	9	18	17	9	9	17	19
El Salvador.....	23	19	22	23	20	22	32	29
Guatemala.....	38	38	53	62	54	64	68	83
Honduras.....	1	2	2	1	2	2	2	2
Mexico.....	268	364	487	460	439	444	578	701
Nicaragua.....	6	9	17	17	14	15	16	20
Panama, including Canal Zone.....	3	5	5	6	5	7	9	12
United States (beet).....	1,396	1,520	1,726	998	1,056	1,278	1,523	1,832
United States (cane).....	236	474	460	498	437	475	425	376
<b>Caribbean:</b>								
Antigua.....	19	25	24	18	23	30	27	18
Barbados.....	90	133	150	95	111	127	99	67
Cuba.....	2,847	3,183	3,230	4,738	3,923	4,476	6,448	6,680
Dominican Republic.....	439	491	472	567	407	504	513	463
Grenada.....	1	1	1	1	1	1	1	1
Guadeloupe.....	40	53	53	32	31	33	34	39
Haiti.....	28	44	48	64	50	44	50	50
Jamaica.....	69	119	186	170	170	199	191	225
Martinique.....	49	62	26	6	12	26	38	50
Puerto Rico.....	894	974	1,039	724	964	909	1,088	1,108
St. Christopher.....	25	36	36	31	32	36	38	39
St. Lucia and St. Vincent.....	6	9	8	7	8	8	8	8
Trinidad and Tobago.....	121	148	79	83	86	123	123	140
Virgin Islands of the United States.....	3	6	4	3	4	6	3	4
Total.....	6,675	7,801	8,248	8,698	7,947	8,927	11,441	12,054
<b>Europe (beet):</b>								
Austria.....	192	196	130	119	91	20	28	45
Belgium.....	278	259	229	269	215	155	258	155
Bulgaria.....	36	24	38	50	<sup>3</sup> 39	<sup>3</sup> 21	<sup>3</sup> 36	<sup>3</sup> 22
Czechoslovakia.....	806	721	725	584	592	493	651	386
Denmark.....	173	257	238	213	196	203	237	239
Eire.....	37	89	60	120	103	116	64	70
Finland.....	7	13	7	7	6	<sup>3</sup> 5	<sup>3</sup> 6	<sup>3</sup> 10
France.....	1,112	1,059	755	714	366	508	842	734
Germany.....	1,838	2,122	2,100	2,097	1,777	<sup>3</sup> 860	<sup>3</sup> 1,101	<sup>3</sup> 862
Hungary.....	158	139	176	182	<sup>3</sup> 216	8	74	146
Italy.....	397	416	426	370	65	21	293	310
Netherlands.....	262	255	191	237	45	66	273	245
Poland and Danzig.....	546	548	500	500	480	<sup>3</sup> 216	<sup>3</sup> 470	<sup>3</sup> 547
Rumania.....	113	129	<sup>3</sup> 200	<sup>3</sup> 171	<sup>3</sup> 155	<sup>3</sup> 38	<sup>3</sup> 35	<sup>3</sup> 88
Spain <sup>4</sup> .....	374	209	112	149	177	132	195	162
Sweden.....	252	340	311	279	308	325	320	275
Switzerland.....	8	12	23	23	25	31	24	26
United Kingdom.....	497	527	634	592	482	605	693	531
Yugoslavia.....	89	93	56	68	19	38	75	153
Total Europe (excluding U.S.S.R.).....	7,175	7,408	6,911	6,744	5,357	3,861	5,675	5,010
U.S.S.R. (Europe and Asia) <sup>5</sup> (beet).....	1,584	2,887	650	808	1,270	1,200	775	2,050
<b>Asia (cane):</b>								
Iran (beet).....	4	21	15	25	28	25	40	53
Turkey (beet).....	41	75	70	118	110	118	118	114
Burma.....	( <sup>6</sup> )	78	35	47	43	20	40	40
China.....	285	438	343	358	350	350	369	380
Manchuria (beet).....	10	14	19	26	31	30	29	29
Formosa.....	889	1,202	1,148	984	361	95	34	287
French Indochina.....	59	76	82	75	80	50	45	50
India <sup>7</sup> .....	4,424	5,369	5,355	5,712	5,297	5,094	5,291	5,815
Pakistan <sup>7</sup> .....	658	799	707	849	842	972	954	994
Japan <sup>8</sup> .....	134	167	110	105	105	50	10	20
Java and Madura <sup>9</sup> .....	1,731	1,447	748	550	95	22	25	160
Philippine Islands <sup>10</sup> .....	1,177	1,127	150	150	75	115	180	480
Total Asia (excluding U.S.S.R.).....	9,412	10,813	8,782	8,999	7,417	6,941	7,135	8,422

TABLE 132.—*Sugar (raw value): Production in specified countries averages 1930-34 and 1935-39, annual 1942-47*<sup>1</sup>—Continued

Continent and country	Average		1942	1943	1944	1945	1946	1947 <sup>1</sup>
	1930-34	1935-39						
	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>
<b>South America (cane):</b>								
Argentina.....	381	480	398	453	506	495	700	608
Brazil.....	1,105	1,159	1,415	1,411	1,344	1,382	1,633	1,720
British Guiana.....	163	209	148	155	177	184	185	200
Colombia.....	32	47	67	86	95	95	97	117
Ecuador.....	22	24	33	31	27	38	39	40
Paraguay.....	7	7	11	12	12	9	21	18
Peru.....	441	448	430	460	468	443	474	490
Surinam.....	21	19	8	4	5	6	4	5
Uruguay (beet).....	2	2	2	2	2	2	2	2
Venezuela.....	23	19	41	40	42	33	36	40
<b>Total.....</b>	<b>2,197</b>	<b>2,414</b>	<b>2,553</b>	<b>2,654</b>	<b>2,678</b>	<b>2,687</b>	<b>3,191</b>	<b>3,300</b>
<b>Africa (cane):</b>								
Belgian Congo.....	5	15	19	16	15	16	16	18
British East Africa.....	30	63	84	69	67	68	75	102
Kenya.....			15	10	9	9	7	15
Tanganyika.....			8	9	8	8	7	8
Uganda.....			61	50	50	51	61	79
Egypt.....	161	167	209	184	190	198	210	235
Madagascar.....	8	13	13	14	13	18	14	12
Madeira Islands and Azores.....	9	9	6	5	6	7	8	8
Mauritius.....	236	321	368	345	223	175	320	386
Mozambique.....	93	79	88	93	91	79	79	88
Angola.....	26	38	49	58	58	56	56	49
Reunion.....	64	92	45	27	14	27	58	95
Union of South Africa.....	366	498	525	585	614	553	475	512
<b>Total.....</b>	<b>998</b>	<b>1,295</b>	<b>1,406</b>	<b>1,396</b>	<b>1,291</b>	<b>1,197</b>	<b>1,311</b>	<b>1,505</b>
<b>Oceania (cane):</b>								
Australia.....	667	894	728	587	750	746	619	674
Fiji.....	117	143	152	60	77	61	131	145
Hawaiian Islands.....	1,042	986	886	875	821	680	872	950
Japanese Mandated Islands.....	52	69	50	0	0	0	0	0
<b>Total.....</b>	<b>1,878</b>	<b>2,092</b>	<b>1,816</b>	<b>1,522</b>	<b>1,648</b>	<b>1,487</b>	<b>1,622</b>	<b>1,769</b>
<b>Total, beet.....</b>	<b>10,284</b>	<b>12,025</b>	<b>9,518</b>	<b>8,820</b>	<b>7,966</b>	<b>6,624</b>	<b>8,266</b>	<b>9,179</b>
<b>Total, cane.....</b>	<b>19,635</b>	<b>22,685</b>	<b>20,848</b>	<b>22,001</b>	<b>19,642</b>	<b>19,676</b>	<b>22,884</b>	<b>24,931</b>
<b>Total, beet and cane.....</b>	<b>29,919</b>	<b>34,710</b>	<b>30,366</b>	<b>30,821</b>	<b>27,608</b>	<b>26,300</b>	<b>31,150</b>	<b>34,110</b>

<sup>1</sup> Years shown are for crop years; generally the harvesting season begins in the fall months of the year shown or in the early months of the following year, except in certain cane-sugar-producing countries in the Southern Hemisphere, such as Australia, Argentina, Mauritius, Union of South Africa, etc., where the season begins in May or June of the year shown.

<sup>2</sup> Preliminary.

<sup>3</sup> Data not comparable with previous years because of boundary changes.

<sup>4</sup> Includes a small quantity of cane sugar.

<sup>5</sup> Includes Latvia and Lithuania.

<sup>6</sup> Included in India.

<sup>7</sup> Data for India are in terms of gur, a low grade of brown sugar. Includes Burma 1930-34 only.

<sup>8</sup> Includes cane and beet sugar.

<sup>9</sup> Data for Java are for the calendar years following the years shown.

<sup>10</sup> Includes centrifugal and muscovado sugar.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research and other information. Estimates of countries having boundary changes have been adjusted to prewar boundaries except as noted.

TABLE 133.—*Sugar (raw): Stocks, production, trade, and supply available for consumption in continental United States, 1937-48*

Year beginning July—	Stocks as of July 1 <sup>1</sup>	Production <sup>2</sup>	Shipments from duty-free areas <sup>3</sup>	Imports as sugar <sup>4</sup>	Domestic exports as sugar <sup>5</sup>	Domestic exports in other forms <sup>6</sup>	Available for consumption <sup>7</sup>		
							Total	Per capita <sup>8</sup>	
								Raw	Refined <sup>9</sup>
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds	Pounds
1937.....	1,447	1,840	2,692	1,743	65	15	5,996	92.7	87.6
1938.....	1,646	2,386	2,709	1,667	89	14	6,285	96.4	91.0
1939.....	2,020	2,262	2,570	2,512	227	14	7,078	107.7	101.5
1940.....	2,120	2,229	2,996	2,406	68	13	7,587	114.4	108.0
1941.....	2,083	2,007	1,714	2,544	145	19	6,569	98.1	92.4
1942.....	1,615	2,186	1,587	2,255	200	0	5,964	87.9	82.9
1943.....	1,479	1,496	1,624	3,986	486	2	6,809	99.1	93.6
1944.....	1,288	1,493	1,303	4,231	225	4	7,402	106.6	97.7
1945.....	684	1,753	1,720	2,442	316	9	5,319	75.8	71.2
1946 <sup>10</sup> .....	955	1,948	1,457	3,371	288	12	6,293	88.2	82.7
1947 <sup>10</sup> .....	1,138	2,208	1,578	3,524	99	10	6,836	94.0	88.6
1948 <sup>10</sup> .....	1,502								

<sup>1</sup> Beginning 1935, includes stocks of raw and refined sugar held by refiners, by importers and distributors of direct consumption sugar, and by beet-sugar factories, as reported by the Sugar Branch, U. S. Department of Agriculture. Beginning 1940, includes stocks held by importers. Stocks on July 1, 1940, comparable to July 1, 1939, totaled 2,045,506 tons.

<sup>2</sup> Beet and cane sugar only. Beet converted to raw at the rate of 1.07 tons raw to 1 ton refined.

<sup>3</sup> Shipments from Hawaii, Puerto Rico, and the Virgin Islands and duty-free imports from the Philippine Islands.

<sup>4</sup> Imports for consumption. No account taken of sugar imported in other forms. Does not include imports from the Philippine Islands.

<sup>5</sup> Shipments to Hawaii, Puerto Rico, and Alaska included, and to Virgin Islands beginning January 1935. Direct exports to foreign countries through customs districts of noncontiguous Territories excluded.

<sup>6</sup> Sugar used in the manufacture of other commodities for export, on which drawback was paid, taken into account.

<sup>7</sup> Beginning July 1941, includes sugar available for military services, both in the United States and abroad.

<sup>8</sup> Based on estimates of total population, January 1.

<sup>9</sup> Raw sugar converted to refined by multiplying by the following factors: Hawaii 0.9617; Puerto Rico, Philippines, and Virgin Islands 0.946; Cuba and all others 0.9418. Use reciprocal of above factors to reduce refined sugar to raw.

<sup>10</sup> Preliminary.

Office of Foreign Agricultural Relations. Trade figures from the monthly summary of Foreign Commerce of the United States and unpublished records of the Bureau of the Census. Data for earlier years in Agricultural Statistics, 1941, table 206, and Agricultural Statistics, 1942, table 185.

TABLE 134.—*Sugar (cane and beet): Total and per capita civilian consumption, United States<sup>1</sup> 1929-47*

Calendar year	Total, raw basis	Per capita, refined basis	Calendar year	Total, raw basis	Per capita, refined basis
	1,000 short tons	Pounds		1,000 short tons	Pounds
1929.....	6,317	96.3	1939.....	6,908	98.0
1930.....	7,221	109.0	1940.....	6,763	95.2
1931.....	6,669	99.9	1941 <sup>1</sup> .....	7,350	103.6
1932.....	6,321	94.1	1942 <sup>1</sup> .....	6,102	86.2
1933.....	6,293	93.1	1943 <sup>1</sup> .....	5,568	80.3
1934.....	6,357	93.5	1944 <sup>1</sup> .....	6,158	89.1
1935.....	6,602	96.4	1945 <sup>1</sup> .....	5,107	73.5
1936.....	6,703	97.2	1946 <sup>1</sup> .....	5,558	74.6
1937.....	6,642	95.8	1947 <sup>1,2</sup> .....	7,045	91.8
1938.....	6,645	95.0			

<sup>1</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for underenumeration of children under 5 years of age and members of the armed forces not eating out of civilian supplies.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1944, table 128.

NOTE.—These figures are on a calendar-year basis and therefore they differ from other series on a fiscal year basis. Raw sugar may be converted (roughly) to a refined basis by dividing by 1.07.

TABLE 135.—Cane sugar, raw: Refiners' stocks, receipts, meltings, and direct-consumption deliveries, United States, 1938-47

Year and source of supply	Jan. 1 stocks	Receipts <sup>1</sup>	Meltings	Deliveries for direct consumption	Lost by fire, etc.	Dec. 31 stocks
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
1938.....	207,381	4,668,897	4,575,008	10,480	1,820	288,970
1939.....	288,970	4,684,996	4,489,085	6,176	0	478,705
1940.....	478,705	4,514,423	4,647,782	7,779	205	337,362
1941.....	337,362	5,586,474	5,489,341	8,573	347	425,575
1942.....	425,575	3,392,848	3,452,420	5,587	601	359,815
1943.....	359,815	4,756,811	4,629,885	15,196	406	471,139
1944.....	471,139	5,354,862	5,484,618	9,875	282	331,226
1945.....	331,226	4,736,944	4,828,862	5,021	48	234,239
1946:						
Cuba.....	75,121	2,285,753	2,245,013	1,555	91	114,215
Hawaii.....	86,513	632,790	693,970	1,655	0	23,678
Puerto Rico.....	28,827	746,561	747,055	212	612	27,509
Philippine Islands.....	0	0	0	0	0	0
Continental United States.....	43,778	306,437	322,958	517	40	26,700
Virgin Islands.....	0	4,823	4,823	0	0	0
Other countries.....	0	46,760	46,760	0	0	0
Miscellaneous (sweepings, etc.).....	0	503	503	0	0	0
Total.....	234,239	4,023,627	4,061,082	3,939	743	192,102
1947: <sup>2</sup>						
Cuba.....	114,215	3,777,779	3,659,927	5,919	30	226,118
Hawaii.....	23,678	829,913	775,925	2,708	0	74,958
Puerto Rico.....	27,509	836,819	850,075	350	7	13,896
Philippine Islands.....	0	0	0	0	0	0
Continental United States.....	26,700	276,690	261,251	48	0	42,091
Virgin Islands.....	0	2,744	2,744	0	0	0
Other countries.....	0	44,749	16,188	0	0	28,561
Miscellaneous (sweepings, etc.).....	0	242	242	0	0	0
Total.....	192,102	5,768,936	5,566,352	9,025	37	385,624

<sup>1</sup> Receipts are of sugar arriving in the ports of the United States regardless of whether or not it has been imported (i.e., entered through the customs).

<sup>2</sup> Preliminary.

Production and Marketing Administration. Compiled in the administration of the Sugar Act of 1937. Totals for 1937 in Agricultural Statistics, 1947, table 132.

TABLE 136.—Sugar, raw and refined: Average price per pound at specified markets, 1938-47

Year	Wholesale price					Retail price	Year	Wholesale price					Retail price
	Raw			Refined	Granulated	Raw		Refined	Granulated				
	96° centrifugal, Havana, Cuba <sup>1</sup>	96° centrifugal, New York <sup>2</sup>	New York <sup>3</sup>	New York <sup>4</sup>	United States <sup>5</sup>					96° centrifugal, Havana, Cuba <sup>1</sup>	96° centrifugal, New York <sup>2</sup>	New York <sup>3</sup>	New York <sup>4</sup>
<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		
1938.....	1.430	3.0	2.036	4.481	5.3	1943.....	2.407	3.7	2.990	5.488	6.8		
1939.....	1.487	3.0	1.905	4.572	5.4	1944.....	2.436	3.7	2.990	5.456	6.8		
1940.....	1.341	2.8	1.886	4.337	5.2	1945.....	2.907	3.8	3.422	5.390	6.7		
1941.....	1.670	3.4	2.478	4.922	5.7	1946.....	3.502	4.6	4.610	6.343	7.7		
1942.....	2.492	3.7	2.988	5.448	6.8	1947.....	4.736	6.2	5.458	8.124	9.7		

<sup>1</sup> Official "Promedio" price converted to the basis of United States pounds.

<sup>2</sup> On the basis of duty paid.

<sup>3</sup> Price per pound, cost and freight.

<sup>4</sup> Includes the processing tax of 0.535 cent per pound from June 8, 1934, to Jan. 6, 1936, and the excise tax of 0.535 cent per pound from Sept. 1, 1937, to date.

<sup>5</sup> Averages of prices reported by retail dealers as of the 15th of the month in leading cities of the United States.

Bureau of Agricultural Economics. Compiled as follows: Anuario Azucarera de Cuba (Cuba Sugar Year Book); U. S. Bureau of Labor Statistics wholesale and retail price series; Lamborn's Sugar Market Report, New York. Data for earlier years available in 1924 Yearbook, table 388; 1930 Yearbook, table 162; 1933 Yearbook, table 138; and Agricultural Statistics, 1944 table 125.

TABLE 137.—*Sugar: International trade, average 1935-39, annual 1943-47*

Country	Average 1935-39		1943		1944		1945		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
<b>PRINCIPAL EXPORTING COUNTRIES</b>												
Cuba.....	2,919,150	32	4,135,928		4,337,683	0	4,078,325		4,147,842		6,133,518	
Netherlands Indies.....	1,212,800	1,896										
Philippine Islands.....	888,475	146										
Dominican Republic.....	480,078	4										
Peru.....	327,665	494	435,159	1	832,310	( <sup>2</sup> )	363,639	0	459,014	0	516,646	
Mauritius.....	311,266	0	198,874	234	355,685	44	354,763	( <sup>2</sup> )	286,663	( <sup>2</sup> )	303,734	
Australia.....	470,684	84	107,325	( <sup>4</sup> )	285,749	( <sup>4</sup> )	147,807	0	131,040	0		
British Guiana.....	200,436	56	146,928	64	127,632	57	169,089	( <sup>5</sup> )	165,510	57		
Hungary.....	12,947	22	3,549	937	2,216	77,051	44	148,506	44	207,322	23	
Union of South Africa.....	219,931	1,333	148,720	1,029	147,020	1,236	96,942	1,173	14,141	808		
Trinidad and Tobago.....	146,496	306	60,928		61,712	0	66,472	0	97,515	0	94,220	2
Barbados.....	99,882	211	129,808	0	105,896	0	112,168	0	109,892	0	94,597	
Reunion.....	82,979	2	4,006	0	29,165	0	88,783	0	166,538	0	143,227	
Jamaica.....	101,114	15	157,416	0	147,784	11	132,496	44				
Mozambique.....	72,571	87	60,780	4	70,294	4	46,928	2				
Brazil.....	51,449	1	12,801	0	77,650	0	29,691	0	24,223	0	67,853	0
Argentina.....	9,632	926	3,890	21	4,210	82,343	4,210	38,001	2,822	22,595		
Nicaragua.....	3,330	5	3,674	4	3,568	14	( <sup>3</sup> )	802	3,122	8		
Total.....	7,610,345	5,680	5,940,178	2,238	6,777,644	160,670	5,839,819	40,406	5,608,322	43,608	7,561,117	25
<b>PRINCIPAL IMPORTING COUNTRIES</b>												
United States <sup>6</sup> .....	86,449	3,002,792	592,242	3,344,258	269,135	3,866,123	192,760	3,288,859	361,250	2,643,378	185,780	4,161,189
United Kingdom.....	378,279	2,457,647	4,134	1,596,542	9,279	1,293,117	89,481	1,193,903	179,336	1,645,374	304,788	2,101,800
British India.....	43,744	126,184	78,788	4,195	7,381	0	74,035	4,311				
Burma.....	0	17,517										
China.....	572	169,808	1,431	61,296	567	23,483			7,605	1,039		
Manchuria.....	4,407	202,867										
Canada.....	4,407	488,141	3,099	420,424	10,522	452,922	24,371	424,532	2,893	438,637	3,344	507,157
France.....	240,520	404,232	30,575	17,140	222	24,250	5,564	174,917	7,416	278,259	157,051	87,566
Japan.....	183,316	124,879		1								
Netherlands.....	61,815	164,448	5,566	10,806	7	57,602	12	72,707	435	136,552	674	204,302
Switzerland.....	61,790	173,774	6	64,601	7	17,026	0	33,636	147	89,459		
Chile.....	12	141,035	0	170,581				175,037	0	157,960		
British Malaya.....	18,882	149,022										
Sweden.....	196	8,751	0	11,726	0	16,089	16,706	2,904	487	5,797	0	18,547
Finland.....	0	108,098	0	35,557	0	32,745	0	17,815	0	35,789	0	53,410
Portugal.....	46	75,884	15	77,262	16	80,267	233	79,957	0	84,122		
Iran <sup>10</sup> .....	0	89,038	1	28,720	5	50,164	4	53,394	3	78,402		
New Zealand.....	1,283	91,580	843	90,333	1,103	89,233	309	107,271	307	96,892	635	71,649
Norway.....	0	100,724	0	69,884	0	33,002	24	80,838	0	78,673		
Egypt.....	73,491	61,813	4,683	-37	7,367	175	3,483	103	11,023			
Belgium.....	68,586	156,975	1,124	1,705	11	9,932	77	9,932		54,525		113,183

Greece.....	0	79,303	0	6,294	0	5,403	0	25,276	0	25,328	0	62,385
Algeria.....	108	83,714	0	71,153	88	54,696	0	51,530	0	74,295	0	88,912
Ceylon.....	( <sup>1</sup> )	83,327	0	90,687	0	87,300	0	101,014	0	102,816	0	109,592
Siam.....	19	40,644	1,742	12,048	7,033	4,922	1,025	5,015	0	101,655	0	61,605
Uruguay.....	0	54,795	0	71,233	0	68,054	0	55,001	0	42,069	0	54,140
Denmark.....	14,684	13,080	65,450	341	20,524	107	44,192	21	612,971	6,129,012	706,412	7,707,610
Total.....	1,177,204	8,700,132	719,280	6,251,819	333,200	6,396,689	382,276	5,953,441	6,221,293	6,172,620	8,267,529	7,707,635
Grand total.....	8,787,549	8,705,812	6,659,458	6,254,057	7,110,904	6,557,359	6,222,095	5,993,847	6,221,293	6,172,620	8,267,529	7,707,635

<sup>1</sup> Preliminary.

<sup>2</sup> Less than one-half ton.

<sup>3</sup> Year beginning July.

<sup>4</sup> Not separately reported.

<sup>5</sup> Refined sugar only.

<sup>6</sup> Includes imports from the Virgin Islands of the United States through 1935, Philippine Islands all years, but does not include shipments from Hawaii and Puerto Rico or Virgin Islands since 1935.

<sup>7</sup> Year beginning April.

<sup>8</sup> Prior to April 1937, foreign trade included with data for British India.

<sup>9</sup> 1939 only.

<sup>10</sup> Year beginning June 22, 1935-38; year beginning March 21, 1938, to date.

<sup>11</sup> 11 months only.

Bureau of Agricultural Economics. Compiled from official sources and trade estimates. The following kinds and grades have been used under the head of sugar: Brown, white, candied, caramel, chanaea (Peru), crystal, cube, maple, muscovado, and panels. The following have been excluded: Candy, confectionery, glucose, grape sugar, jaggery, molasses, and sirups. Negative imports mean that re-exports were in excess of imports.

TABLE 138.—*Sugar, refined, cane and beet: Stocks, production, and receipts, and distribution in the United States, by primary distributors, 1938-48*

## JAN. 1 STOCKS

Year	Cane-sugar refineries	Beet-sugar factories	Importers of direct consumption sugar <sup>1</sup>	Continental cane-sugar mills <sup>2</sup>	Total
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
1938	356,092	1,013,284	59,313	24,308	1,452,997
1939	337,869	1,292,568	76,708	63,386	1,770,531
1940	335,390	1,262,892	106,323	45,189	1,749,794
1941	255,497	1,496,841	36,615	32,862	1,821,815
1942	222,709	1,232,256	52,800	44,621	1,552,386
1943	254,369	1,208,157	73,541	79,115	1,615,182
1944	224,497	783,642	57,787	74,538	1,140,464
1945	59,061	698,821	7,201	33,256	798,339
1946	133,151	859,759	8,213	85,064	1,086,187
1947 <sup>3</sup>	139,150	927,522	11,821	74,051	1,152,544
1948 <sup>3</sup>	230,378	1,150,401	17,933	38,283	1,436,995

## PRODUCTION AND RECEIPTS

1938	4,320,673	1,633,363	543,238	124,908	6,622,182
1939	4,212,225	1,662,340	564,949	114,009	6,553,523
1940	4,365,080	1,683,966	578,812	78,208	6,706,066
1941	5,158,446	1,560,272	543,329	101,925	7,363,972
1942	3,250,938	1,567,621	456,812	104,451	5,379,822
1943	4,316,043	1,001,406	466,153	111,140	5,894,742
1944	5,084,022	995,842	438,135	112,894	6,630,893
1945	4,466,279	1,135,736	429,598	143,628	6,175,241
1946	3,754,865	1,356,966	452,348	127,590	5,691,769
1947 <sup>3</sup>	5,181,778	1,694,898	504,422	72,570	7,453,668

## DELIVERIES

1938	<sup>4</sup> 4,338,896	<sup>5</sup> 1,354,079	525,843	85,830	<sup>6</sup> 6,304,648
1939	<sup>4</sup> 4,214,704	<sup>5</sup> 1,692,016	535,334	132,206	<sup>6</sup> 6,574,260
1940	<sup>4</sup> 4,444,973	<sup>5</sup> 1,450,017	648,520	90,535	<sup>6</sup> 6,634,045
1941	<sup>4</sup> 5,191,234	<sup>5</sup> 1,824,857	527,144	90,166	<sup>6</sup> 7,633,401
1942	<sup>4</sup> 3,219,278	<sup>5</sup> 1,591,720	436,071	69,957	<sup>6</sup> 5,317,026
1943	<sup>4</sup> 4,345,915	<sup>5</sup> 1,425,921	481,907	115,717	<sup>6</sup> 6,369,460
1944	<sup>4</sup> 5,249,458	<sup>5</sup> 1,080,663	488,721	154,176	<sup>6</sup> 6,973,018
1945	<sup>4</sup> 4,392,189	<sup>5</sup> 974,798	428,586	91,820	<sup>6</sup> 5,887,393
1946	<sup>4</sup> 3,748,866	<sup>5</sup> 1,289,203	448,740	138,603	<sup>6</sup> 5,625,412
1947 <sup>3</sup>	<sup>4</sup> 5,090,550	<sup>5</sup> 1,472,019	498,310	108,338	<sup>6</sup> 7,169,217

<sup>1</sup> Raw sugar imported for direct consumption has been converted to refined basis. Stocks include sugar in bond and in customs custody and control.

<sup>2</sup> Sugar for direct consumption only. All sugars converted to refined basis.

<sup>3</sup> Preliminary.

<sup>4</sup> Excludes raw sugar delivered by refiners for direct consumption as follows: 1938, 10,480 tons; 1939, 6,176 tons; 1940, 7,779 tons; 1941, 8,573 tons; 1942, 5,587 tons; 1943, 15,196 tons; 1944, 9,875 tons; 1945, 5,021 tons; 1946, 3,939 tons, and 1947, 9,027 tons.

<sup>5</sup> Larger than actual deliveries by a small amount representing losses in reprocessing, etc.

<sup>6</sup> Includes sales for export. The Department of Commerce reported exports of refined sugar amounting to 61,826 tons in 1938; 124,554 tons in 1939; 167,923 tons in 1940; 66,167 tons in 1941. Deliveries for export during subsequent years were: 194,911 tons in 1942; 436,312 tons in 1943; 292,953 tons in 1944; 271,621 tons in 1945; 376,850 tons in 1946, and 217,060 tons in 1947.

Production and Marketing Administration. Compiled in the administration of the Sugar Act of 1937. Totals for 1937 in Agricultural Statistics, 1947, table 134.



TABLE 139.—*Sugarcane sirup: Acreage, production, Dec. 1 price per gallon received by farmers, and value, United States, 1929-47*

Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value	Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value
	<i>1,000 acres</i>	<i>Gal-tons</i>	<i>1,000 gallons</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Gal-tons</i>	<i>1,000 gallons</i>	<i>Cents</i>	<i>1,000 dollars</i>
1929-----	109	180.8	19,711	71.7	14,124	1939-----	142	157.0	22,264	43.8	9,752
1930-----	111	149.6	16,602	57.8	9,594	1940-----	100	134.0	13,360	49.5	6,616
1931-----	111	136.4	15,143	50.3	7,619	1941-----	110	169.0	18,638	60.5	11,285
1932-----	124	148.0	18,349	40.1	7,351	1942-----	113	163.0	18,416	72.7	13,396
1933-----	142	148.7	21,113	45.7	9,656	1943-----	126	167.0	21,027	97.3	20,456
1934-----	151	157.1	23,727	45.8	10,856	1944-----	118	169.0	19,897	96.7	19,240
1935-----	152	161.2	24,509	42.5	10,413	1945-----	133	216.0	28,711	93.3	26,797
1936-----	138	157.0	21,670	42.9	9,300	1946-----	120	204.0	24,450	155.0	37,871
1937-----	143	166.7	23,844	44.5	10,609	1947 <sup>1</sup> -----	112	181.0	20,270	117.0	23,783
1938-----	134	153.2	20,524	44.7	9,168						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 194.

TABLE 140.—*Sugarcane sirup: Acreage, yield, production, and Dec. 1 price per gallon received by farmers, by States, average 1936-45, annual 1946 and 1947*

State	Acreage harvested for sirup			Yield per acre			Production			Dec. 1 price		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947
South Carolina-----	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Gal-tons</i>	<i>Gal-tons</i>	<i>Gal-tons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Georgia-----	4	3	2	109	140	150	424	420	300	87	165	165
Florida-----	30	23	22	140	175	185	4,200	4,025	4,070	73	180	140
Alabama-----	11	11	12	166	180	200	1,850	1,980	2,400	63	160	125
Mississippi-----	25	18	18	112	135	120	2,777	2,430	2,160	75	200	155
Louisiana-----	22	20	20	144	175	130	3,209	3,500	2,600	71	205	150
Texas-----	28	43	36	267	275	235	7,671	11,825	8,460	<sup>2</sup> 52	<sup>2</sup> 120	<sup>2</sup> 80
	5	2	2	131	135	140	611	270	280	89	200	205
United States-----	126	120	112	165	204	181	20,835	24,450	20,270	64.6	155	117

<sup>1</sup> Preliminary.<sup>2</sup> Season average price.

Bureau of Agricultural Economics.

TABLE 141.—Sorgo sirup: Acreage, production, Dec. 1 price per gallon received by farmers, and value, United States, 1929-47

Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value	Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value
	1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars		1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars
1929.....	143	61.5	8,792	90.2	7,928	1939.....	189	54.0	10,199	58.4	5,958
1930.....	190	51.2	9,727	78.9	7,675	1940.....	186	57.4	10,684	58.2	6,219
1931.....	313	66.1	20,682	43.2	8,930	1941.....	176	60.0	10,568	61.5	6,502
1932.....	354	57.6	20,392	37.9	7,737	1942.....	221	62.1	13,728	81.6	11,196
1933.....	360	59.2	21,326	48.1	10,251	1943.....	207	57.3	11,868	125.0	14,855
1934.....	330	56.3	18,588	50.7	9,423	1944.....	187	62.3	11,649	137.0	15,936
1935.....	285	56.9	16,230	55.0	8,924	1945.....	159	61.9	9,850	144.0	14,173
1936.....	245	52.8	12,936	57.5	7,439	1946.....	177	67.4	11,934	213.0	25,381
1937.....	210	59.4	12,481	56.8	7,095	1947 <sup>1</sup> .....	162	61.0	9,885	176.0	17,372
1938.....	197	57.9	11,407	56.0	6,384						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1942, table 196.

TABLE 142.—Sorgo sirup: Acreage, yield, production, and Dec. 1 price per gallon received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Acreage harvested for sirup			Yield per acre			Production			Dec. 1 price		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947
	1,000 acres	1,000 acres	1,000 acres	Gal- lons	Gal- lons	Gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	Cents	Cents	Cents
Indiana.....	2	1	1	78	75	70	184	75	70	107	220	215
Illinois.....	2	2	1	55	65	55	108	130	55	110	225	220
Wisconsin.....	1	1	1	<sup>2</sup> 70	62	51	71	62	51	<sup>2</sup> 134	260	265
Iowa.....	3	3	1	108	129	80	335	387	80	108	210	205
Missouri.....	9	7	5	49	55	42	440	385	210	106	225	225
Kansas.....	2	2	2	41	51	51	68	102	102	94	170	175
Virginia.....	3	3	2	66	66	70	208	198	140	99	210	210
West Virginia.....	2	2	3	65	68	75	155	136	225	106	215	210
North Carolina.....	12	15	13	65	81	73	774	1,215	949	93	210	200
South Carolina.....	11	10	9	49	58	49	536	580	441	76	170	175
Georgia.....	20	13	16	55	53	59	1,097	689	944	84	230	190
Kentucky.....	14	16	13	61	85	74	829	1,360	962	96	225	180
Tennessee.....	19	19	15	60	80	62	1,115	1,520	930	94	240	185
Alabama.....	32	29	28	60	63	60	1,911	1,827	1,680	73	210	150
Mississippi.....	24	20	25	71	70	75	1,750	1,400	1,875	69	210	150
Arkansas.....	20	20	16	48	60	42	924	1,200	672	84	205	200
Louisiana.....	3	2	2	52	40	35	169	80	70	56	135	140
Oklahoma.....	5	4	3	37	47	33	182	188	99	84	195	170
Texas.....	14	8	6	49	50	55	682	400	330	70	165	160
United States.....	198	177	162	58.5	67.4	61.0	11,537	11,934	9,885	83.6	213	176

<sup>1</sup> Preliminary.<sup>2</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 143.—Maple sugar and sirup: Production and season average price received by farmers, 10 States, and United States imports, 1929-47

Year	Trees tapped	Sugar made <sup>1</sup>	Sirup made <sup>1</sup>	Total product in terms of sugar <sup>2</sup>	Average total product per tree		Price per pound of sugar	Price per gallon of sirup	Imports for consumption	
					As sugar <sup>3</sup>	As sirup <sup>3</sup>			Maple sugar	Maple sirup <sup>3</sup>
	1,000 trees	1,000 pounds	1,000 gallons	1,000 pounds	Pounds	Gallons	Cents	Dollars	1,000 pounds	1,000 pounds
1929	12,951	1,362	2,362	20,258	1.56	0.20	30.0	2.03	12,249	181
1930	13,158	2,134	3,712	31,830	2.42	.30	30.2	2.03	9,735	1,575
1931	12,092	1,342	2,247	19,318	1.60	.20	26.2	1.72	1,629	132
1932	12,064	1,277	2,471	21,045	1.74	.22	24.6	1.61	2,628	61
1933	12,009	1,051	2,218	18,795	1.57	.20	20.9	1.18	2,974	370
1934	12,099	1,044	2,444	20,596	1.70	.21	24.9	1.33	2,976	1,316
1935	12,341	1,241	3,432	28,697	2.33	.29	26.7	1.42	1,920	2,469
1936	11,500	721	2,401	19,929	1.73	.22	26.8	1.44	6,207	305
1937	11,339	779	2,497	20,755	1.83	.23	28.9	1.61	6,050	84
1938	11,380	705	2,770	22,865	2.01	.25	28.4	1.61	3,946	39
1939	10,313	366	2,515	20,486	1.99	.25	28.7	1.68	9,622	2,646
1940	9,957	434	2,597	21,210	2.13	.27	29.5	1.65	4,087	4,660
1941	9,785	387	1,997	16,363	1.67	.21	29.2	1.74	4,628	2,328
1942	9,847	654	2,915	23,974	2.43	.30	37.5	2.27	7,121	4,791
1943	9,281	578	2,555	21,018	2.26	.28	45.3	2.85	4,556	1,184
1944	8,681	565	2,568	21,109	2.43	.30	47.4	3.04	3,883	1,798
1945	7,336	237	991	8,165	1.11	.14	54.0	3.21	3,959	1,232
1946	8,000	372	1,328	10,996	1.37	.17	65.6	3.30	4,207	2,221
1947 <sup>4</sup>	8,568	305	2,039	16,617	1.94	.24	84.9	5.18	4,064	5,141

<sup>1</sup> Does not include production on nonfarm lands in Somerset County, Me.

<sup>2</sup> Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.

<sup>3</sup> A gallon of maple sirup weighs about 11 pounds.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Imports from reports of the Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 198, and for 1916-23 in 1941 book, table 219.

TABLE 144.—Maple sugar and sirup: Production by States, average 1936-45, annual 1946 and 1947

State	Trees tapped			Sugar made <sup>2</sup>			Sirup made <sup>2</sup>		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 trees	1,000 trees	1,000 trees	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Maine	142	87	95	8	7	6	22	10	17
New Hampshire	279	207	226	31	12	10	57	36	51
Vermont	4,190	3,298	3,463	259	256	191	955	607	777
Massachusetts	201	154	169	28	12	11	54	38	43
New York	2,940	2,686	2,874	142	67	52	712	411	684
Pennsylvania	460	291	335	43	11	16	129	45	90
Ohio	873	532	543	5	0	0	249	80	160
Michigan	491	502	577	13	2	14	112	63	141
Wisconsin	316	210	252	2	0	1	69	28	66
Maryland	42	33	34	11	5	4	21	10	10
10 States	9,942	8,000	8,568	543	372	305	2,381	1,328	2,039

<sup>1</sup> Preliminary.

<sup>2</sup> Does not include production on nonfarm lands in Somerset County, Me.

Bureau of Agricultural Economics.

TABLE 145.—Edible sirups and molasses: United States production, foreign trade, and indicated domestic consumption, 1929-47

Year	Production <sup>1</sup>								Imports				Shipments from Territories	Total from off-shore
	Sirups					Edible molasses	Honey <sup>4</sup>	Total	Maple sirup	Edible molasses	Honey	Honey		
	Corn	Cane	Sorgo	Maple <sup>2</sup>	Refiners <sup>3</sup>									
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	
1929..	94,566	18,339	10,676	2,362	4,320	7,852	17,979	156,094	16	2,071	9	209	2,305	
1930..	87,317	19,711	8,792	3,712	3,860	5,201	14,280	142,873	143	7,890	8	170	8,211	
1931..	79,093	16,602	9,727	2,247	3,399	4,855	13,816	129,739	12	7,243	5	223	7,483	
1932..	67,653	15,143	20,682	2,471	3,546	5,168	14,527	129,190	6	8,694	5	216	8,921	
1933..	85,186	18,349	20,392	2,218	3,692	5,462	12,693	147,992	34	10,859	4	205	11,102	
1934..	82,227	21,113	21,326	2,444	3,050	5,301	13,202	148,663	120	17,869	6	200	18,195	
1935..	80,198	23,727	18,588	3,432	2,887	5,512	13,596	147,940	224	12,644	5	153	13,026	
1936..	98,225	24,509	16,230	2,401	2,700	5,526	15,106	164,697	28	17,625	11	190	17,854	
1937..	87,955	21,670	12,936	2,497	2,735	5,228	13,872	146,893	8	10,882	21	182	11,093	
1938..	91,938	23,844	12,481	2,770	2,900	3,880	18,979	156,792	4	10,956	17	190	11,167	
1939..	97,233	20,524	11,407	2,515	3,428	3,882	15,359	154,348	241	11,564	23	198	12,026	
1940..	100,275	22,264	10,199	2,597	2,800	4,891	17,512	160,538	424	12,261	41	189	12,915	
1941..	106,486	13,360	10,684	1,997	2,600	2,706	18,890	156,723	212	11,653	284	154	12,303	
1942..	172,370	18,638	10,568	2,915	6,400	5,400	15,121	231,412	436	7,758	1,706	98	9,998	
1943..	153,175	18,416	13,728	2,555	12,225	7,732	16,159	223,990	108	1,584	3,124	131	4,447	
1944..	154,881	21,027	11,868	2,568	14,996	10,690	16,078	231,808	163	9,184	2,011	101	11,459	
1945..	156,417	19,897	11,649	991	22,020	6,922	19,836	237,732	112	1,871	1,673	132	3,788	
1946..	156,364	28,711	9,850	1,328	18,211	15,181	18,197	247,842	202	622	1,602	95	2,521	
1947..	168,766	24,450	11,934	2,039	10,000	13,589	19,418	250,196	467	650	1,645	90	2,852	

  

Year	Exports					Indicated domestic consumption								Total
	Corn sirup	Sirups, including maple <sup>6</sup>	Edible molasses	Honey	Total	Sirups					Edible molasses	Honey		
						Corn	Cane	Sorgo	Maple	Refiners				
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	
1929..	10,087	3,176	8,577	738	22,578	84,479	18,339	10,676	2,378	1,144	1,346	17,459	135,821	
1930..	6,111	1,612	10,093	314	18,130	81,206	19,711	8,792	3,855	2,248	2,998	14,144	132,954	
1931..	5,297	811	4,285	356	10,749	73,796	16,602	9,727	2,259	2,588	7,813	13,688	126,473	
1932..	3,655	525	640	402	5,222	63,998	15,143	20,682	2,477	3,021	13,222	14,346	132,889	
1933..	3,771	675	3,193	524	8,163	81,415	18,349	20,392	2,252	3,017	13,128	12,378	150,931	
1934..	3,327	518	1,463	166	5,474	78,900	21,113	21,326	2,564	2,532	21,707	13,242	161,384	
1935..	2,078	377	401	134	2,990	78,120	23,727	18,588	3,656	2,510	17,755	13,620	157,976	
1936..	2,886	284	921	96	4,187	95,339	24,509	16,230	2,429	2,416	22,230	15,211	178,364	
1937..	2,362	380	1,072	216	4,080	85,593	21,670	12,936	2,505	2,355	15,038	13,859	153,556	
1938..	3,559	407	3,120	293	7,379	88,379	23,844	12,481	2,774	2,493	11,716	18,893	160,580	
1939..	4,211	2,378	1,629	218	8,436	93,022	20,524	11,407	2,756	1,050	13,817	15,362	157,938	
1940..	7,992	1,179	3,621	286	13,078	92,283	22,264	10,199	3,021	1,621	13,531	17,456	160,375	
1941..	2,949	192	6,873	45	10,059	103,537	13,360	10,684	2,209	2,408	7,486	19,283	158,967	
1942..	1,445	342	435	29	2,251	170,925	18,638	10,568	3,351	6,058	12,723	16,896	239,159	
1943..	595	398	232	5	1,230	152,580	18,416	13,728	2,663	11,827	9,084	19,409	227,707	
1944..	934	300	150	15	1,399	153,647	21,027	11,868	2,731	14,696	19,724	18,175	241,868	
1945..	1,067	421	1,621	17	3,126	155,350	19,897	11,649	1,103	21,599	7,172	21,624	238,394	
1946..	3,779	3,896	959	17	8,651	152,585	28,711	9,850	1,530	14,315	14,844	19,877	241,712	
1947..	4,189	342	618	110	5,259	164,577	24,450	11,934	2,506	9,658	13,621	21,043	247,789	

<sup>1</sup> Production of cane sirup, sorgo sirup, and edible molasses is of the fall of the preceding year.

<sup>2</sup> Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.

<sup>3</sup> From 1929 to 1942 inclusive, figures for odd years (except 1941) are from the Bureau of the Census; for even years (and 1941) quantities are estimated. Data for 1943-47 from the Sugar Branch, United States Department of Agriculture.

<sup>4</sup> Data for 1939-47 are official figures of Bureau of Agricultural Economics; previous years' estimates are unofficial.

<sup>5</sup> Preliminary.

<sup>6</sup> Assumed to be largely refiners' sirup.

Office of Foreign Agricultural Relations.

TABLE 146.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, average price per pound received by beekeepers, and foreign trade in honey, United States, 1939-47

Year	Number of colonies	Yield per colony	Production		Price		Honey imports and in-shippments			Honey, domestic exports
			Honey	Bees-wax	All honey	Bees-wax	Imports for consumption	From Puerto Rico and Hawaii	Total	
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939.....	4,422	40.8	180,474	-----	6.7	-----	271	2,332	2,603	2,561
1940.....	4,350	47.3	205,767	-----	6.1	22.5	478	2,220	2,698	3,363
1941.....	4,477	49.6	221,959	3,495	7.2	35.6	3,337	1,807	5,144	530
1942.....	4,893	36.3	177,672	3,344	13.8	40.3	20,049	1,153	21,202	335
1943.....	4,887	38.9	189,867	3,743	16.8	41.4	36,712	1,542	38,254	59
1944.....	5,217	36.2	188,917	3,921	17.7	41.5	23,620	1,191	24,811	177
1945.....	5,460	42.7	233,070	4,543	18.6	41.3	19,482	1,549	21,031	197
1946 <sup>1</sup> .....	5,787	36.9	213,814	4,381	24.4	44.4	18,823	1,112	19,935	198
1947 <sup>1</sup> .....	5,910	38.6	228,162	4,492	26.0	43.8	19,329	1,048	20,377	1,292

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data on exports, imports, and shipments from records of the Department of Commerce.

TABLE 147.—Package bees: Number of queens, number of packages, and total pounds of bees shipped, by States, 1947, and total shipments, 1946

State	Shipments in 1947								Total shipments in 1946 <sup>1</sup>
	Queens	Packages of designated sizes					Other packages	Total	
		2-lb.	3-lb.	4-lb.	5-lb.	Total			
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Georgia.....	141,700	31,273	52,950	4,841	248	89,312	0	242,000	259,000
Alabama.....	227,100	63,009	43,721	2,371	867	109,968	0	271,000	263,000
Mississippi.....	103,000	33,396	21,390	897	690	56,373	0	138,000	120,000
Louisiana.....	188,700	37,058	52,397	2,308	492	92,255	0	243,000	206,000
Texas.....	100,700	18,287	20,027	320	213	38,847	2,000	101,000	97,000
California.....	186,400	75,323	31,251	750	0	107,324	2,600	250,000	238,000
Other States.....	59,600	17,306	26,101	1,041	124	44,572	12,300	130,000	117,000
Total, 1947.....	1,007,200	275,652	247,837	12,528	2,634	538,651	16,900	1,375,000	-----
Total, 1946.....	949,300	245,517	244,256	10,549	4,198	504,520	13,014	-----	1,300,000

Bureau of Agricultural Economics.

TABLE 148.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, 1946 and 1947

State and division	1946				1947			
	Number of colonies	Yield per colony	Production		Number of colonies	Yield per colony	Production	
			Honey	Beeswax			Honey	Beeswax
<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	
Maine.....	8	14	112	3	8	22	176	2
New Hampshire.....	4	26	104	3	4	31	124	2
Vermont.....	9	22	198	5	9	48	432	6
Massachusetts.....	21	22	462	13	24	25	600	13
Rhode Island.....	1	20	20	(1)	1	23	23	1
Connecticut.....	18	35	630	9	19	36	684	10
New York.....	209	33	6,897	110	219	60	13,140	171
New Jersey.....	28	24	672	21	33	19	627	16
Pennsylvania.....	181	28	5,068	101	195	35	6,825	116
North Atlantic.....	479	29.6	14,163	265	512	44.2	22,631	337
Ohio.....	352	32	11,264	191	373	24	8,952	134
Indiana.....	180	50	9,000	225	198	22	4,356	91
Illinois.....	221	37	8,177	139	232	29	6,728	128
Michigan.....	222	25	5,550	139	204	35	7,140	164
Wisconsin.....	212	37	7,844	141	212	55	11,660	210
East North Central.....	1,187	35.2	41,835	835	1,219	31.9	38,836	727
Minnesota.....	299	62	18,538	352	299	68	20,332	427
Iowa.....	256	67	17,152	429	251	96	24,096	554
Missouri.....	190	35	6,650	126	209	21	4,389	97
North Dakota.....	23	90	2,070	27	23	56	1,288	23
South Dakota.....	18	66	1,188	20	18	76	1,368	22
Nebraska.....	58	103	5,974	99	55	100	5,500	99
Kansas.....	60	56	3,360	67	64	40	2,560	54
West North Central.....	904	60.8	54,932	1,120	919	64.8	59,533	1,276
Delaware.....	3	35	105	3	3	30	90	2
Maryland.....	27	32	864	22	30	26	780	20
Virginia.....	148	20	2,960	41	145	32	4,640	51
West Virginia.....	129	16	2,064	33	107	21	2,247	34
North Carolina.....	177	20	3,540	60	173	36	6,228	125
South Carolina.....	66	13	858	19	66	20	1,320	24
Georgia.....	230	17	3,910	117	225	19	4,275	94
Florida.....	191	80	15,280	290	195	42	8,190	164
South Atlantic.....	971	30.5	29,581	585	944	29.4	27,770	514
Kentucky.....	214	13	2,782	83	208	17	3,536	71
Tennessee.....	187	11	2,057	49	189	22	4,158	87
Alabama.....	196	14	2,744	69	192	17	3,264	88
Mississippi.....	78	17	1,326	40	80	20	1,600	30
Arkansas.....	85	25	2,125	53	94	21	1,974	47
Louisiana.....	81	15	1,215	30	87	22	1,914	42
Oklahoma.....	60	32	1,920	38	64	35	2,240	56
Texas.....	273	40	10,920	218	292	42	12,264	245
South Central.....	1,174	21.4	25,089	580	1,206	25.7	30,950	666
Montana.....	52	66	3,432	69	58	70	4,060	73
Idaho.....	159	43	6,837	164	169	40	6,760	142
Wyoming.....	41	35	1,435	34	42	34	1,428	34
Colorado.....	75	50	3,750	90	75	65	4,875	98
New Mexico.....	18	50	900	11	19	45	855	14
Arizona.....	65	41	2,665	48	63	64	4,032	65
Utah.....	53	16	848	25	55	45	2,475	57
Nevada.....	13	100	1,300	13	13	70	910	22
Washington.....	67	45	3,015	78	77	50	3,850	89
Oregon.....	68	28	1,904	44	69	33	2,277	59
California.....	401	48	22,128	420	470	36	16,920	321
Western.....	1,072	45.0	48,214	996	1,110	43.6	48,442	972
United States.....	5,787	36.9	213,814	4,381	5,910	38.6	228,162	4,492

<sup>1</sup> Less than 500 pounds.

Bureau of Agricultural Economics.

TABLE 149.—Honey and beeswax: Average price per pound received by beekeepers, 1947

State and division	Honey prices <sup>1</sup>						All honey <sup>2</sup>	Beeswax prices
	Wholesale			Retail				
	Comb	Extracted	Chunk	Comb	Extracted	Chunk		
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Maine.....	37	30	44	37	39	43	39	43
New Hampshire.....	38	30	46	37	37	43	37	43
Vermont.....	38	28	46	35	34	43	34	43
Massachusetts.....	38	32	47	38	38	44	38	44
Rhode Island.....	36	30	45	38	39	45	39	45
Connecticut.....	34	27	43	36	34	44	34	44
New York.....	33	22	39	30	26	44	26	44
New Jersey.....	40	35	46	38	38	46	38	46
Pennsylvania.....	32	26	28	36	33	46	31	46
North Atlantic.....	32.9	23.3	38.4	32.1	28.7	44.5	28.7	44.5
Ohio.....	33	24	28	36	30	31	28	44
Indiana.....	34	24	28	38	30	34	30	44
Illinois.....	30	22	26	32	27	28	26	44
Michigan.....	35	21	28	40	31	34	26	45
Wisconsin.....	33	22	26	38	27	30	25	45
East North Central.....	32.8	22.3	27.6	36.6	29.1	31.6	26.6	44.4
Minnesota.....	32	24	25	34	26	27	26	43
Iowa.....	31	23	25	34	25	27	24	43
Missouri.....	31	23	27	34	26	30	27	42
North Dakota.....	28	24	31	28	26	44	26	44
South Dakota.....	29	24	32	27	26	44	26	44
Nebraska.....	28	23	24	30	25	26	24	43
Kansas.....	27	21	23	30	24	25	24	44
West North Central.....	30.6	23.4	25.0	33.3	25.7	28.0	25.0	43.1
Delaware.....	31	26	36	31	30	44	30	44
Maryland.....	31	26	31	36	34	35	33	44
Virginia.....	33	28	31	38	34	36	34	43
West Virginia.....	30	28	30	40	38	39	37	44
North Carolina.....	36	32	34	40	37	40	38	43
South Carolina.....	33	31	31	35	33	34	33	41
Georgia.....	30	27	28	33	31	32	29	44
Florida.....	30	24	28	35	29	32	26	44
South Atlantic.....	32.0	25.5	29.3	38.2	31.4	36.8	31.9	43.6
Kentucky.....	35	31	33	37	34	36	35	43
Tennessee.....	34	28	33	38	33	36	35	44
Alabama.....	29	24	27	32	29	31	28	43
Mississippi.....	26	23	24	29	27	28	25	43
Arkansas.....	25	23	24	30	28	28	26	43
Louisiana.....	23	15	25	22	22	19	19	45
Oklahoma.....	29	24	27	35	30	30	29	43
Texas.....	25	19	21	30	23	25	21	43
South Central.....	29.1	20.1	26.9	35.0	27.6	33.5	26.2	43.2
Montana.....	33	21	36	25	23	45	23	45
Idaho.....	33	19	36	24	21	46	21	46
Wyoming.....	33	22	39	25	23	46	23	46
Colorado.....	32	20	24	37	24	27	22	44
New Mexico.....	33	20	26	38	26	32	22	43
Arizona.....	17	32	27	19	43	19	19	43
Utah.....	30	18	35	24	21	43	21	43
Nevada.....	30	20	35	25	22	43	22	43
Washington.....	33	20	28	39	30	35	26	45
Oregon.....	33	23	28	37	27	32	26	44
California.....	27	19	32	27	21	44	21	44
Western.....	30.8	19.2	24.7	34.7	26.0	29.7	21.8	44.3
United States.....	31.8	21.4	28.1	36.4	27.9	33.7	26.0	43.8

<sup>1</sup> Average price for honey sold, all types of containers.<sup>2</sup> Weighted average price of all honey, comb, extracted, and chunk honey.

Bureau of Agricultural Economics.

TABLE 150.—Honey and beeswax: Average prices for specified types and locations, 1938-47<sup>1</sup>

EXTRACTED HONEY, PER POUND										
Item and location	1938	1939	1940	1941	1942	1943 <sup>2</sup>	1944 <sup>2</sup>	1945 <sup>2</sup>	1946 <sup>2</sup>	1947 <sup>2</sup>
California White to Water White Orange: F. o. b. Southern California delivery points <sup>3</sup>	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
-----	5.4	5.4	5.1	5.1	10.8	12.0	12.3	12.5	19.0	21.0
New York City <sup>4</sup>	8.8	8.5	8.5	8.8	14.6	-----	-----	-----	-----	17.0
California Light Amber to Extra Light Amber Alfalfa: F. o. b. Imperial Valley points <sup>5</sup>	3.9	3.9	3.6	4.0	9.0	12.0	12.0	12.0	17.0	14.5
Intermountain White to Water White Sweet-clover-Alfalfa: F. o. b. Intermountain points <sup>5</sup>	5.6	4.6	4.6	4.8	10.5	12.1	12.3	13.3	18.0	18.0
White Clover: F. o. b. New York and North Central States <sup>3</sup>	6.2	5.4	5.1	5.5	11.2	12.1	13.2	14.5	21.0	19.0
Northeastern Buckwheat: F. o. b. New York and Pennsylvania points <sup>3</sup>	5.1	4.8	4.9	5.2	10.6	12.0	12.0	12.2	18.5	15.0
COMB HONEY, PER 24-SECTION CASE										
White Clover, No. 1 and Fancy wrapped: F. o. b. New York and North Central States <sup>6</sup>	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars	Dol-lars
-----	3.33	3.02	2.89	3.06	4.14	5.40	6.25	7.00	7.75	8.75
BEESWAX, PER POUND										
"Average yellow" or lighter beeswax—Average price to beekeepers, f. o. b. shipping point or nearby market:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Southern California	19.2	17.4	19.1	27.1	40.3	41.5	41.5	41.5	44.0	45.4
-----	19.9	16.2	20.0	26.2	40.5	41.5	41.5	41.6	44.1	45.5
Intermountain region	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
White Clover Belt (North Central and Northeastern States)	23.5	20.0	22.9	28.4	41.2	41.5	41.5	41.6	44.7	45.8
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Weighted average	21.2	18.0	21.0	27.2	40.8	41.5	41.5	41.6	44.3	45.6

<sup>1</sup> Simple arithmetical averages of average monthly prices.<sup>2</sup> All prices paid beekeepers in 1943, 1944, 1945, 1946, 1947 on basis of f. o. b. shipping points.<sup>3</sup> Price paid beekeepers in large lots, mostly less than carlots.<sup>4</sup> Sales by original receivers to bottlers, confectioners, bakers, or jobbers.<sup>5</sup> Price paid beekeepers or other shippers, mostly in carlots.<sup>6</sup> Price paid beekeepers for large lots, but less than carlots.

Production and Marketing Administration.

TABLE 151.—Honey: Imports for consumption into the United States, by countries of origin, average 1931-40, annual 1945-47

Continent and country of origin	Average 1931-40	1945	1946	1947 <sup>1</sup>	Continent and country of origin	Average 1931-40	1945	1946	1947 <sup>1</sup>
North America:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Europe:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Cuba	78	9,092	8,972	6,085	Greece	18	-----	-----	14
Mexico	26	3,979	4,294	5,992	United Kingdom	6	-----	-----	-----
Guatemala	15	826	800	1,046	Other Europe	7	-----	-----	(5)
Dominican Republic	25	826	516	418	Asia, total	6	-----	1	(5)
Costa Rica	22	143	411	179	Oceania, total	21	-----	2	-----
Haiti	21	108	515	271	All others	(4)	-----	-----	3
El Salvador	22	131	159	675	Total	162	19,654	18,823	19,329
Canada	14	3172	-----	6	Shipments from Territories to the United States:	-----	-----	-----	-----
Honduras	(4)	-----	-----	4	Puerto Rico	1,176	832	758	323
Nicaragua	(4)	-----	14	-----	Hawaii	1,110	720	354	725
Other North America	(4)	-----	-----	12	Grand total receipts from off-shore	2,448	21,206	19,935	20,377
South America:	(4)	-----	-----	-----	-----	-----	-----	-----	-----
Argentina	(4)	2,952	1,091	3,378	-----	-----	-----	-----	-----
Chile	(4)	1,425	1,980	1,149	-----	-----	-----	-----	-----
Surinam (Netherlands Guiana)	-----	-----	50	62	-----	-----	-----	-----	-----
Brazil	(4)	-----	18	35	-----	-----	-----	-----	-----

<sup>1</sup> Preliminary.<sup>2</sup> 10-year average, but imports from this country actually occurred in only a few of the 10 years. For example, a total of 46,000 pounds of honey was imported from Dominican Republic during 1937 and 1940; none during the remaining 8 years.<sup>3</sup> Withdrawal from warehouse; imported prior to the year to which it is credited.<sup>4</sup> Less than 500 pounds; imports from this area did not occur in all of the 10 years.<sup>5</sup> Less than 500 pounds.

Production and Marketing Administration. Compiled from official reports of the Department of Commerce.



TABLE 152.—*Beeswax, crude: Imports for consumption into the United States, by countries of origin, average 1931-40, annual, 1945-47*

Continent and country of origin	Average 1931-40	1945	1946	1947 <sup>1</sup>	Continent and country of origin	Average 1931-40	1945	1946	1947 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>South America:</b>					<b>Europe:</b>				
Brazil.....	1,150	992	1,209	581	Portugal.....	503	173	136	-----
Chile.....	275	553	542	220	United Kingdom.....	<sup>2</sup> 81	275	-----	-----
Uruguay.....	16	-----	-----	-----	Germany.....	<sup>2</sup> 22	-----	-----	-----
Argentina.....	8	-----	45	-----	France.....	<sup>2</sup> 22	-----	-----	-----
Peru.....	5	1	9	-----	Belgium.....	<sup>2</sup> 10	-----	-----	-----
French Guiana.....	<sup>2</sup> 6	-----	-----	-----	Netherlands.....	<sup>2</sup> 7	-----	-----	-----
Colombia.....	<sup>2</sup> 1	6	-----	2	Czechoslovakia.....	<sup>2</sup> 6	-----	-----	-----
Ecuador.....	( <sup>3</sup> )	-----	10	-----	Spain.....	-----	-----	55	-----
Bolivia.....	<sup>2</sup> 2	-----	-----	-----	Italy.....	<sup>2</sup> 2	-----	-----	-----
Venezuela.....	<sup>2</sup> 1	-----	-----	-----	Soviet Russia in Europe.....	<sup>2</sup> 1	-----	-----	-----
<b>North America:</b>					Norway.....	( <sup>3</sup> )	-----	-----	-----
Cuba.....	530	517	497	606	<b>Asia:</b>				
Dominican Republic.....	350	514	513	493	Turkey (Asia and Europe).....	<sup>2</sup> 46	-----	-----	-----
Mexico.....	126	37	13	45	Turkey (Asia).....	-----	-----	22	54
Haiti.....	<sup>2</sup> 13	159	140	140	Arabia Peninsula States.....	-----	32	4	-----
Canada.....	<sup>2</sup> 6	1	12	-----	Aden.....	<sup>2</sup> 4	-----	-----	-----
Guatemala.....	<sup>2</sup> 4	41	33	59	Iran (Persia).....	<sup>2</sup> 1	-----	20	6
El Salvador.....	<sup>2</sup> 1	-----	20	12	Palestine and Trans-Jordan.....	-----	-----	-----	15
Costa Rica.....	<sup>2</sup> 1	2	-----	-----	British India.....	<sup>2</sup> 2	-----	-----	-----
Barbados.....	-----	4	1	-----	China.....	<sup>2</sup> 1	-----	-----	-----
Bahamas.....	-----	2	-----	-----	Iraq.....	<sup>2</sup> 1	-----	-----	-----
Leeward Islands.....	-----	2	-----	-----	Japan.....	<sup>2</sup> 1	-----	-----	-----
Honduras.....	-----	1	-----	-----	Syria.....	<sup>2</sup> 1	-----	-----	-----
Jamaica.....	( <sup>3</sup> )	-----	-----	-----	Netherlands Indies.....	( <sup>3</sup> )	-----	-----	-----
Other British West Indies.....	( <sup>3</sup> )	-----	-----	-----	British Oceania.....	( <sup>3</sup> )	-----	-----	-----
Nicaragua.....	( <sup>3</sup> )	-----	-----	-----	<b>Total.....</b>	<b>4,080</b>	<b>7,365</b>	<b>6,395</b>	<b>3,459</b>
Panama, Republic of.....	( <sup>3</sup> )	-----	-----	-----	<b>Shipments from Territories to the United States:</b>				
<b>Africa:</b>					Puerto Rico.....	24	25	18	18
Western Portuguese Africa <sup>4</sup> .....	255	2,252	1,781	330	Hawaii.....	30	8	6	14
Ethiopia.....	<sup>2</sup> 85	396	901	630	<b>Grand total off-shore receipts.....</b>	<b>4,134</b>	<b>7,398</b>	<b>6,419</b>	<b>3,491</b>
Egypt.....	<sup>5</sup> 304	-----	48	32					
Anglo-Egyptian Sudan.....	( <sup>5</sup> )	143	100	221					
Madagascar.....	<sup>2</sup> 7	777	-----	-----					
French North Africa.....	<sup>2</sup> 6 18	-----	-----	-----					
Other French Africa.....	126	328	-----	-----					
British East Africa.....	<sup>2</sup> 67	11	80	6					
Mozambique.....	<sup>2</sup> 3	134	133	-----					
Belgian Congo.....	<sup>2</sup> 5	12	33	-----					
Union of South Africa.....	<sup>2</sup> 2	-----	4	-----					
Nigeria.....	-----	-----	1	-----					
Other British West Africa.....	<sup>2</sup> 1	( <sup>7</sup> )	-----	-----					
Eastern Italian Africa.....	-----	-----	14	-----					
British Somaliland.....	-----	-----	-----	22					
Liberia.....	( <sup>3</sup> )	-----	-----	-----					

<sup>1</sup> Preliminary.

<sup>2</sup> 10-year average, but imports from this area did not occur in all of the 10 years.

<sup>3</sup> Less than 500 pounds; imports from this country did not occur in all of the 10 years.

<sup>4</sup> Includes Portuguese Guinea, Angola, and Cape Verde Islands. Most of these imports were from Portuguese Guinea and Angola.

<sup>5</sup> Prior to 1942, imports from Egypt and the Sudan were not reported separately.

<sup>6</sup> Morocco 10,000; Algeria 7,000; Tunisia 1,000 pounds.

<sup>7</sup> Less than 500 pounds.

Production and Marketing Administration. Compiled from official reports of the Department of Commerce.

TABLE 153.—*Tobacco: Acreage, production, value, and foreign trade, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers	Farm value	Foreign trade, year beginning July <sup>2</sup>		
						Domestic exports	Imports	Net exports <sup>3</sup>
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1929.....	1,888,865	771.3	1,456,510					
1929.....	1,980,000	774.1	1,532,676	18.3	280,996	600,181	63,181	541,312
1930.....	2,124,200	775.8	1,648,037	12.8	210,852	591,035	75,425	517,388
1931.....	1,988,100	787.2	1,565,088	8.2	128,582	432,361	73,375	359,374
1932.....	1,404,600	724.8	1,018,011	10.5	107,356	399,966	59,545	341,454
1933.....	1,739,400	788.8	1,371,965	13.0	178,418	472,630	55,784	416,846
1934.....	1,237,117	825.7	1,021,449					
1934.....	1,273,100	851.9	1,084,589	21.3	225,084	374,658	58,270	316,388
1935.....	1,439,100	904.8	1,302,041	18.4	238,966	432,668	67,895	364,773
1936.....	1,440,900	807.0	1,162,838	23.6	273,944	416,884	69,309	347,575
1937.....	1,752,800	895.2	1,569,023	20.4	320,111	459,564	68,021	391,543
1938.....	1,600,700	865.6	1,385,573	19.6	270,492	473,757	76,085	397,672
1939.....	1,853,230	917.2	1,699,728					
1939.....	1,999,700	940.0	1,880,629	15.4	288,889	342,154	80,732	261,422
1940.....	1,410,200	1,036.0	1,460,441	16.1	234,453	179,627	77,843	101,784
1941.....	1,306,500	966.0	1,261,839	26.4	333,085	279,008	70,970	208,088
1942.....	1,377,300	1,023.0	1,408,394	36.9	519,503	281,941	81,412	200,529
1943.....	1,458,000	964.0	1,406,190	40.5	569,974	336,926	71,240	265,686
1944.....	1,630,221	1,091.0	1,778,769					
1944.....	1,751,100	1,116.0	1,954,699	42.0	820,447	445,826	77,023	368,803
1945.....	1,822,500	1,094.0	1,994,262	42.5	847,651	535,878	76,069	459,809
1946.....	1,963,400	1,182.0	2,321,596	45.1	1,046,442	591,076	92,409	498,667
1947 <sup>5</sup> .....	1,845,000	1,142.0	2,107,763	43.3	912,079			

<sup>1</sup> Production, exports, and imports are not comparable; i. e., production figures are on a farm-sales-weight basis, whereas exports and imports are on a declared-weight basis.

<sup>2</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce; includes stems and trimmings.

<sup>3</sup> Total exports (domestic plus foreign) minus imports. Beginning 1933 domestic exports minus imports for consumption.

<sup>4</sup> Beginning 1933, imports for consumption.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 202.

TABLE 154.—Tobacco: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Acreage harvested			Yield per acre			Production			Price <sup>2</sup> for crop of—	
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946
	Acres	Acres	Acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents
Massachusetts.....	5,670	6,800	7,400	1,527	1,579	1,549	8,640	10,738	11,462	39.8	96.0
Connecticut.....	16,100	19,000	19,100	1,337	1,424	1,271	21,488	27,063	24,280	54.6	117.0
New York.....	16,880	800	800	1,342	1,350	1,350	1,187	1,080	1,080	15.5	39.0
Pennsylvania.....	31,480	37,900	39,400	1,423	1,064	1,485	44,825	59,124	58,518	16.1	32.6
Ohio.....	25,230	17,800	18,500	995	1,064	1,142	24,934	21,060	10,125	21.6	36.4
Indiana.....	10,120	10,500	9,300	997	1,099	1,099	10,155	13,610	10,220	27.9	36.0
Wisconsin.....	20,840	28,500	24,300	1,447	1,475	1,479	30,158	41,735	35,930	17.0	40.5
Minnesota.....	5,540	700	600	1,170	1,250	1,200	5,746	7,425	4,680	30.0	25.0
Missouri.....	5,750	6,000	5,200	868	1,125	1,000	890	7,425	4,680	30.0	37.5
Kansas.....	310	300	200	932	1,150	850	288	190	190	28.8	37.0
Maryland.....	38,200	50,000	48,000	740	925	800	28,939	46,250	38,400	36.0	44.5
Virginia.....	127,950	147,900	139,300	910	1,209	1,111	113,744	178,821	154,752	28.2	42.2
West Virginia.....	3,020	3,200	2,800	891	1,070	1,200	2,684	3,424	3,360	23.6	36.3
North Carolina.....	630,800	811,000	792,600	961	1,142	1,145	607,802	927,425	907,181	23.7	48.3
South Carolina.....	103,900	145,000	137,000	981	1,185	1,135	102,534	171,825	155,495	28.0	41.8
Georgia.....	85,180	105,800	107,900	946	1,045	1,178	80,436	110,537	127,142	26.1	48.7
Florida.....	19,110	23,500	26,500	890	947	1,020	16,780	22,251	27,036	37.7	70.7
Kentucky.....	356,560	415,700	349,500	941	1,219	1,102	337,468	506,765	385,073	27.8	37.3
Tennessee.....	109,480	129,100	115,600	885	1,323	1,215	107,937	170,805	140,500	35.2	41.7
Alabama.....	4,378	400	600	489	720	925	174	288	370	25.2	36.7
Louisiana.....	400	300	600	442	500	415	174	150	249	33.2	80.0
United States.....	1,591,860	1,963,400	1,845,000	971	1,182	1,142	1,548,389	2,321,596	2,107,763	28.3	45.1

1 Preliminary.

2 For prices on a type basis, see tables 155 and 157.

3 Sales to date (May 1948) insufficient to establish price, evaluated at 1946 crop average price to obtain 1947 farm value in table 153.

4 Short-time average.

Bureau of Agricultural Economics.

TABLE 155.—Tobacco: Acreage, yield, production, and season average price per pound received by farmers, by class and type, average 1936-45, annual 1946 and 1947

Class and type	Type No.	Acreage harvested			Yield per acre			Production			Price for crop of—			
		1946		1947 <sup>1</sup>	1946		1947 <sup>1</sup>	1946		1947 <sup>1</sup>	1936-45		1946	1947 <sup>1</sup>
		Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	
<b>Flue-cured:</b>														
Old Belt.....	11	340,150	427,000	413,000	889	1,139	1,065	302,938	486,360	440,000	29.9	45.0	39.8	
Eastern North Carolina Belt.....	12	307,800	395,000	387,000	1,000	1,150	1,205	307,988	454,350	466,335	29.8	52.5	43.1	
South Carolina Belt.....	13	173,950	241,000	231,000	994	1,171	1,131	173,809	282,225	261,245	28.3	49.6	42.2	
Georgia-Florida Belt.....	14	100,410	125,800	130,200	931	1,027	1,151	93,155	129,189	149,886	25.6	43.4	37.8	
Total.....	11-14	922,310	1,188,800	1,161,200	950	1,137	1,135	877,891	1,352,024	1,317,466	29.1	48.3	41.2	
<b>Fire-cured:</b>														
Virginia.....	21	18,250	15,600	14,300	848	1,100	975	15,294	17,160	13,942	17.2	28.8	29.0	
Hopkinsville-Clarksville.....	22	53,250	51,000	48,700	913	1,238	1,049	47,405	63,150	51,108	16.7	26.9	30.3	
Paducah.....	23	23,410	24,800	20,600	889	1,145	1,000	20,307	28,400	20,600	14.3	22.2	27.8	
Henderson Stemming (Kentucky).....	24	870	200	200	876	1,050	1,000	716	210	200	12.9	21.8	23.0	
Total.....	21-24	95,780	91,600	83,800	895	1,189	1,024	83,722	108,920	85,850	16.2	26.0	29.5	
<b>Air-cured (light):</b>														
Burley.....	31	403,760	489,000	413,800	971	1,256	1,170	397,392	614,004	484,346	30.8	39.7	48.3	
Southern Maryland.....	32	38,200	50,000	48,000	740	925	800	28,499	46,250	38,400	36.0	44.5	( <sup>2</sup> )	
Total.....	31-32	441,960	539,000	461,800	952	1,225	1,132	425,891	660,254	522,746	31.1	40.0	48.0	
<b>Air-cured (dark):</b>														
One Sucker.....	35	20,970	23,000	19,300	950	1,241	1,088	19,993	28,545	20,990	14.1	22.3	25.7	
Green River (Kentucky).....	36	16,510	14,000	13,500	928	1,220	1,030	15,184	17,080	13,905	15.2	22.6	25.4	
Virginia sun-cured.....	37	3,040	3,800	2,600	864	1,035	925	2,026	3,933	2,405	19.9	24.2	28.6	
Total.....	35-37	40,520	40,800	35,400	935	1,215	1,054	37,803	49,558	37,300	14.9	22.5	25.8	
<b>Cigar filler:</b>														
Pennsylvania Seedleaf.....	41	31,190	37,300	38,800	1,422	1,560	1,485	44,358	58,188	57,618	16.1	32.5	30.5	
Miami Valley (Ohio).....	42-44	11,250	5,500	6,000	1,064	1,125	1,250	11,712	6,188	7,500	13.5	36.0	31.0	
Total.....	41-44	<sup>3</sup> 42,710	42,800	44,800	<sup>3</sup> 1,318	1,504	1,454	<sup>3</sup> 56,363	64,376	65,118	<sup>3</sup> 15.5	32.8	30.6	

Cigar binder:												
51	7,760	9,400	9,000	1,561	1,700	1,491	12,088	15,978	13,421	28.1	74.0	51.0
52	7,050	7,600	8,100	1,623	1,710	1,657	11,436	12,990	13,419	27.7	69.0	73.3
53	1,170	1,400	1,400	1,400	1,440	1,414	1,655	2,016	1,850	15.9	39.9	30.6
54	11,150	14,300	10,400	1,436	1,450	1,450	15,970	20,735	15,080	13.5	34.7	22.3
55	10,230	14,700	14,500	1,443	1,488	1,488	14,826	21,875	21,570	18.7	45.5	35.2
56	580	200	300	964	1,050	700	595	210	210	17.9	55.0	47.0
Total.....												
51-56	37,940	47,600	43,700	1,495	1,551	1,503	56,571	73,813	65,680	21.5	52.7	43.1
Cigar wrapper:												
Connecticut Valley shade-grown.....												
61	6,960	8,800	9,400	948	1,003	947	6,603	8,824	8,902	128.0	240.0	270.0
62	3,280	3,700	4,300	1,029	994	1,035	3,370	3,677	4,452	96.2	220.0	245.0
Total.....												
61-62	10,240	12,500	13,700	974	1,000	975	9,973	12,501	13,354	117.0	234.0	262.0
Total cigar types.....												
41-62	90,890	102,900	102,200	1,352	1,464	1,410	122,908	150,690	144,152	26.8	59.2	57.7
Miscellaneous: Louisiana Perique.....												
72	400	300	600	442	500	415	174	150	249	33.2	80.0	60.0
United States.....												
All	1,591,860	1,963,400	1,845,000	971	1,182	1,142	1,545,389	2,321,596	2,107,763	28.3	45.1	43.3

<sup>1</sup> Preliminary.

<sup>2</sup> Sales to date (May 1948) insufficient to establish price; evaluated at 1946 crop average price to obtain 1947 farm value in table 153.

<sup>3</sup> Includes type 45 through 1939.

Bureau of Agricultural Economics.

TABLE 156.—*Tobacco: Acreage, yield per acre, and production in specified countries, averages 1930-34 and 1935-39, annual 1945-47*

Continent and country	Acreage			Yield per acre <sup>2</sup>			Production		
	Average		1947 <sup>3</sup>	Average		1947 <sup>3</sup>	Average		1947 <sup>3</sup>
	1930-34	1935-39		1930-34	1935-39		1930-34	1935-39	
<b>North America:</b>									
Canada.....	48	69	1,000 acres	947	1,103	Pounds	928	1,000 pounds	141,384
Mexico.....	35	51	1,000 acres	739	840	Pounds	1,281	1,000 pounds	92,345
United States.....	1,706	1,647	1,845	784	887	Pounds	1,180	1,000 pounds	55,115
Cuba.....	151	107	112	390	474	Pounds	1,569	1,000 pounds	1,994,262
Dominican Republic.....	1,125	64	37	38	28	Pounds	879	1,000 pounds	1,84,083
Puerto Rico.....	34	44	31	637	673	Pounds	750	1,000 pounds	32,518
<b>Europe:</b>									
Albania.....	3	5	848	826	535	Pounds	2,473	1,000 pounds	2,646
Belgium.....	7	6	12	2,100	2,500	Pounds	2,073	1,000 pounds	14,777
Bulgaria.....	67	94	154	809	494	Pounds	685	1,000 pounds	12,623
Czechoslovakia <sup>5</sup> .....	23	24	11	1,268	892	Pounds	915	1,000 pounds	88,994
France <sup>5</sup> .....	41	44	60	1,720	1,676	Pounds	1,324	1,000 pounds	6,014
Germany.....	27	33	44	2,231	2,254	Pounds	1,477	1,000 pounds	18,913
Greece <sup>5</sup> .....	105	226	172	530	580	Pounds	302	1,000 pounds	88,565
Hungary <sup>5</sup> .....	53	37	47	1,259	1,238	Pounds	861	1,000 pounds	74,355
Italy <sup>5</sup> .....	97	81	106	1,173	999	Pounds	874	1,000 pounds	132,819
Poland.....	12	17	30	1,097	1,113	Pounds	900	1,000 pounds	17,637
Rumania <sup>5</sup> .....	40	44	64	1,354	1,004	Pounds	916	1,000 pounds	37,681
Spain.....	10	1	1	603	647	Pounds	277	1,000 pounds	95,499
Sweden.....	1	1	1	1,551	1,021	Pounds	1,356	1,000 pounds	26,455
Switzerland.....	35	39	4	1,735	1,735	Pounds	1,342	1,000 pounds	17,317
Yugoslavia.....	649	630	3	1,571	1,883	Pounds	1,774	1,000 pounds	38,140
<b>Asia:</b>									
Iran.....	629	32	38	742	1,096	Pounds	980	1,000 pounds	32,408
Cyprus.....	1	5	38	61,230	1,417	Pounds	363	1,000 pounds	37,528
Iraq.....	4	7	4	420	401	Pounds	615	1,000 pounds	143,239
Palestine.....	14	13	26	534	639	Pounds	708	1,000 pounds	26,455
Syria and Lebanon.....	124	194	243	683	990	Pounds	709	1,000 pounds	17,317
Turkey.....	98	108	305	990	990	Pounds	688	1,000 pounds	38,140
Burma.....	644	1,228	980	1,028	1,021	Pounds	986	1,000 pounds	32,448
China <sup>6</sup> .....	36	644	1,476	61,028	6,728	Pounds	969	1,000 pounds	30,452
French Indochina.....	617	1,022	37	774	831	Pounds	754	1,000 pounds	30,908
India.....	6355	1,028	102	613	913	Pounds	836	1,000 pounds	6,400
Pakistan.....	86	92	4	1,666	1,621	Pounds	1,146	1,000 pounds	741,440
Japan.....	2	4	37	1,818	1,458	Pounds	855	1,000 pounds	208,320
Formosa.....	35	46	40	1,052	1,252	Pounds	855	1,000 pounds	148,680
Korea.....	70	69	375	1,028	8402	Pounds	1,077	1,000 pounds	81,883
Java and Madura.....	375	6349	40	1,028	8402	Pounds	855	1,000 pounds	65,133
Estate.....	375	6349	40	1,028	8402	Pounds	855	1,000 pounds	33,936
Native.....	375	6349	40	1,028	8402	Pounds	855	1,000 pounds	39,459

Sumatra Estate.....	35	6 31	3	6 988	542	420	889	31,246	6 30,715	17,240	21,296	2,646
Philippine Islands.....	170	176	93	427	607		333	84,542	74,811			30,864
Siam.....	27	6 25		6 688				16,643	6 17,179			
South America:												
Argentina.....	37	34		928	944	797		32,568	31,558	64,357	59,216	
Brazil.....	6 264	237		851	727	604		6 215,810	202,703	261,371	224,364	265,000
Chile.....	7	9	8	1,846	1,778	1,988	1,654	11,587	16,618	9,756	11,680	12,701
Colombia.....	6 20	37		6 803	1,090			18,673	29,706	35,785	41,006	
Paraguay.....	6 23	22		801	1,292	1,274		6 30,999	17,792	24,989	27,575	24,251
Uruguay.....	2	2	2	825	1,437	1,081		1,354	1,264	2,549	1,966	
Africa:												
Algeria.....	54	56	53	691	742	517	597	40,394	38,667	9,318	37,478	31,526
Nyasaland.....	42	57		286	343			14,354	16,311	20,000	23,000	22,850
Madagascar.....	20	6 10		6 764	647	554		19,068	6 14,164	4,261	2,641	
Northern Rhodesia.....	3	6 4	14	6 426	510	457	369	1,410	6 1,635	2,823	4,500	5,150
Southern Rhodesia.....	32	51	124	507	536	612	640	17,236	26,061	47,219	63,639	79,130
Tunisia.....	1	6 1		1,196	1,041			1,296	1,202			
Union of South Africa.....	28	6 41		6 500	540			15,473	6 20,476	32,594	39,411	50,521
Oceania:												
Australia.....	14	10	4	532	442	631	891	6,087	5,276	2,504	4,002	2,192
New Zealand.....	2	2	4	787	777	1,198	1,227	1,234	1,457	4,080	4,073	5,110
Estimated world total <sup>10</sup> .....	6,990	7,492	7,934	7,000	7,934	8,092		5,875,000	6,597,000	6,200,000	7,064,000	7,341,000

<sup>1</sup> Year beginning July 1. For north temperate-zone countries, harvests are for July through October of the year shown; for all other countries, harvests November and December of the year shown and January through June of the following year. In similar tables prepared in recent years, data for Northern hemisphere countries below the temperate zone have been harvests of the year shown, rather than harvests following the July-October harvest in north temperate-zone countries.

<sup>2</sup> Some yields are calculated from detailed acreage and production estimates, rather than estimates rounded to the nearest thousand.

<sup>3</sup> Preliminary.

<sup>4</sup> Exports; production data are not available.

<sup>5</sup> Data for 1930-34 and 1935-39 not comparable with subsequent years. Data for 1945, 1946, 1947 are for postwar areas.

<sup>6</sup> Less than a 5-year average.

<sup>7</sup> Free China for 1930-34 and 1935-39; all China except Manchuria for 1945, 1946 and 1947.

<sup>8</sup> Estimate based upon officially reported area and yield of approximately 402 pounds per acre, which was used by the Netherlands East Indies Government in estimating native production after 1934.

<sup>9</sup> Approximated.

<sup>10</sup> Total includes approximations for countries not listed and for countries listed where data are not available.

Office of Foreign Agricultural Relations. Based on official estimates of foreign countries, reports from United States foreign service officers, results of office research, and other information.

TABLE 157.—*Tobacco: Acreage, yield per acre, production, stocks, supply, total disappearance, exports, domestic use, and average price to growers, United States, 1943-47 (farm-sales-weight basis)*

## TOTAL FLUE-CURED, TYPES 11-14

Crop year	Acreage	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Average price to growers
						Total	Exports <sup>2</sup>	Domestic	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1943.....	842,800	938	790,162	1,378,773	2,168,935	980,110	355,286	624,824	40.2
1944.....	1,017,300	1,069	1,087,290	1,188,825	2,276,115	1,149,832	454,276	695,556	42.4
1945.....	1,078,700	1,088	1,173,459	1,126,283	2,299,742	1,152,384	486,619	665,765	43.6
1946.....	1,188,800	1,137	1,352,024	1,147,358	2,499,882	1,212,542	550,634	661,908	48.3
1947 <sup>3</sup> .....	1,161,200	1,135	1,317,466	1,286,840	2,604,306	1,054,117	359,099	695,018	41.2

## TOTAL FIRE-CURED, TYPES 21-24

1943.....	68,800	943	64,863	179,823	244,686	71,165	17,757	53,408	23.4
1944.....	64,700	1,022	66,139	173,521	239,660	107,820	63,848	43,972	24.5
1945.....	61,300	951	58,291	131,840	190,131	85,223	47,619	37,604	31.5
1946.....	91,600	1,189	108,920	104,908	213,828	70,423	34,352	36,071	26.0
1947 <sup>3</sup> .....	83,800	1,024	85,850	143,405	229,255	66,685	30,292	36,393	29.5

## VIRGINIA FIRE-CURED, TYPE 21

1943.....	12,200	800	9,760	31,830	41,590	12,299	7,033	5,266	27.6
1944.....	14,900	950	14,155	29,291	43,446	19,415	7,885	11,530	24.5
1945.....	14,000	840	11,760	24,031	35,761	18,209	8,629	9,580	31.5
1946.....	15,600	1,100	17,160	17,582	34,742	12,013	8,630	3,383	28.8
1947 <sup>3</sup> .....	14,300	975	13,942	22,729	36,671	14,499	9,689	4,810	29.0

## KENTUCKY AND TENNESSEE FIRE-CURED, TYPES 22-24

1943.....	56,600	974	55,103	147,993	203,096	58,866	10,724	48,142	22.0
1944.....	49,800	1,044	51,984	144,230	196,214	88,405	55,963	32,442	23.6
1945.....	47,300	984	46,531	107,809	154,340	67,014	38,990	28,024	31.6
1946.....	76,000	1,169	91,760	87,326	179,056	58,410	25,722	32,688	25.4
1947 <sup>3</sup> .....	69,500	1,035	71,908	120,676	192,684	52,186	20,603	31,583	29.6

## BURLEY, TYPE 31

1943.....	399,300	982	392,106	685,994	1,078,100	426,872	8,568	418,304	45.6
1944.....	496,600	1,189	590,581	651,228	1,241,809	482,776	9,438	473,338	44.0
1945.....	512,500	1,127	577,156	759,033	1,336,189	482,904	35,273	447,631	39.4
1946.....	489,000	1,256	614,004	853,285	1,467,289	526,470	49,861	476,609	39.7
1947 <sup>3</sup> .....	413,500	1,171	484,324	940,819	1,425,143	522,864	27,513	495,351	48.5

## MARYLAND, TYPE 32

1943.....	35,300	590	20,827	43,818	64,645	27,043	1,768	25,275	45.3
1944.....	45,000	850	38,250	37,602	75,852	29,308	3,020	26,288	55.5
1945.....	35,000	525	18,375	46,544	64,919	32,537	6,666	25,871	57.0
1946.....	50,000	925	46,250	32,382	78,632	33,846	6,581	27,265	44.5
1947 <sup>3</sup> .....	48,000	800	38,400	44,786	83,186	-----	-----	-----	42.8

## TOTAL DARK AIR-CURED, TYPES 33-37

1943.....	30,900	972	30,047	65,281	95,328	37,612	3,167	34,445	27.2
1944.....	40,200	1,116	44,867	57,716	102,583	42,154	6,248	35,906	23.3
1945.....	44,100	988	43,560	60,429	103,989	43,544	13,057	30,487	25.2
1946.....	40,800	1,215	49,558	60,445	110,003	37,331	7,582	29,749	22.5
1947 <sup>3</sup> .....	35,400	1,054	37,300	72,672	109,972	32,786	6,375	26,411	25.8

## ONE SUCKER, TYPE 35

1943.....	16,700	1,019	17,016	34,422	51,438	22,931	2,552	20,379	24.8
1944.....	22,300	1,134	25,293	28,507	53,800	23,120	4,744	18,376	21.4
1945.....	26,700	1,001	26,720	30,680	57,400	24,558	9,473	15,085	24.7
1946.....	23,000	1,241	28,545	32,842	61,387	21,255	5,556	15,699	22.3
1947 <sup>3</sup> .....	19,300	1,088	20,990	40,132	61,122	19,541	5,259	14,282	25.7

See footnotes at end of table.



TABLE 157.—Tobacco: Acreage, yield per acre, production, stocks, supply, total disappearance, exports, domestic use, and average price to growers, United States, 1943-47—Continued  
(farm-sales-weight basis)

## GREEN RIVER, TYPE 36

Crop year	Acreage	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Average price to growers
						Total	Exports <sup>2</sup>	Domestic	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1943.....	11,500	950	10,925	27,972	38,897	12,821	615	12,206	29.4
1944.....	15,000	1,100	16,500	26,076	42,576	16,202	1,504	14,698	24.7
1945.....	14,600	1,000	14,600	26,374	40,974	16,190	3,584	12,606	24.8
1946.....	14,000	1,220	17,080	24,784	41,864	13,229	2,026	11,203	22.6
1947 <sup>3</sup> .....	13,500	1,030	13,905	28,635	42,540	10,177	1,116	9,061	25.4

## VIRGINIA SUN-CURED, TYPE 37

1943.....	2,700	780	2,106	2,887	4,993	1,860	0	1,860	34.5
1944.....	2,900	1,060	3,074	3,133	6,207	2,832	0	2,832	31.5
1945.....	2,800	800	2,240	3,375	5,615	2,796	0	2,796	33.8
1946.....	3,800	1,035	3,933	2,819	6,752	2,847	0	2,847	24.2
1947 <sup>3</sup> .....	2,600	925	2,405	3,905	6,310	3,068	0	3,068	28.6

## TOTAL CONTINENTAL CIGAR FILLER, TYPES 41-44

1943.....	37,900	1,241	47,039	153,641	200,680	55,312	1,288	54,024	18.6
1944.....	39,400	1,493	58,838	145,368	204,206	61,308	1,727	59,581	19.5
1945.....	39,000	1,281	49,940	142,898	192,838	64,086	3,378	60,708	34.0
1946.....	42,800	1,504	64,376	128,752	193,128	70,941	2,799	68,142	32.8
1947 <sup>3</sup> .....	44,800	1,454	65,118	122,187	187,305	61,548	3,648	57,900	30.6

## PENNSYLVANIA SEEDLEAF FILLER, TYPE 41

1943.....	31,400	1,260	39,564	109,601	149,165	42,405	-----	-----	18.6
1944.....	33,500	1,560	52,260	106,760	159,020	50,287	-----	-----	19.7
1945.....	35,200	1,300	45,760	108,733	154,493	53,270	-----	-----	34.0
1946.....	37,300	1,560	58,188	101,223	159,411	60,940	-----	-----	32.5
1947 <sup>3</sup> .....	38,800	1,485	57,618	98,471	156,089	54,218	-----	-----	30.5

## MIAMI VALLEY (OHIO) FILLER, TYPES 42-44

1943.....	6,500	1,150	7,475	44,040	51,515	12,907	-----	-----	18.3
1944.....	5,900	1,115	6,578	38,608	45,186	11,021	-----	-----	18.3
1945.....	3,800	1,100	4,180	34,165	38,345	10,816	-----	-----	34.0
1946.....	5,500	1,125	6,188	27,529	33,717	10,001	-----	-----	36.0
1947 <sup>3</sup> .....	6,000	1,250	7,500	23,716	31,216	7,330	-----	-----	31.0

PUERTO RICAN FILLER, TYPE 46<sup>4</sup>

1943.....	36,362	784	28,500	41,291	69,791	16,021	-----	-----	38.0
1944.....	48,000	875	42,000	53,770	95,770	20,427	-----	-----	25.0
1945.....	36,000	889	32,000	75,343	107,343	29,045	-----	-----	36.0
1946 <sup>3</sup> .....	26,038	884	23,018	78,298	101,316	27,310	-----	-----	21.8
1947 <sup>3</sup> .....	30,000	880	26,400	74,006	100,406	-----	-----	-----	30.0

## TOTAL CIGAR BINDER, TYPES 51-56

1943.....	33,100	1,540	50,976	126,682	177,658	69,184	1,289	67,895	30.3
1944.....	37,000	1,547	57,234	108,474	165,708	63,410	1,728	61,682	30.9
1945.....	40,600	1,529	62,075	102,298	164,373	60,837	3,378	57,459	47.7
1946.....	47,600	1,551	73,813	103,536	177,349	53,659	2,798	50,861	52.7
1947 <sup>3</sup> .....	44,300	1,516	67,160	123,690	190,850	65,051	3,649	61,402	42.6

## CONNECTICUT VALLEY BROADLEAF, TYPE 51

1943.....	6,600	1,670	11,022	22,288	33,310	12,530	-----	-----	40.0
1944.....	7,800	1,670	13,270	20,780	33,804	10,293	-----	-----	39.0
1945.....	8,200	1,618	13,020	23,511	36,781	12,521	-----	-----	60.0
1946.....	9,400	1,700	15,978	24,260	40,238	11,647	-----	-----	74.0
1947 <sup>3</sup> .....	9,000	1,491	13,421	28,591	42,012	11,665	-----	-----	51.0

See footnotes at end of table.

TABLE 157.—*Tobacco: Acreage, yield per acre, production, stocks, supply, total disappearance, exports, domestic use, and average price to growers, United States, 1943-47—Continued (farm-sales-weight basis)*

## CONNECTICUT VALLEY HAVANA SEED, TYPE 52

Crop year	Acreage	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Average price to growers
						Total	Exports <sup>2</sup>	Domestic	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1943.....	6,500	1,687	10,963	29,034	39,997	17,119	-----	-----	37.7
1944.....	6,700	1,750	11,724	22,878	34,602	15,806	-----	-----	37.3
1945.....	6,700	1,516	10,160	18,796	28,956	12,959	-----	-----	56.3
1946.....	7,600	1,710	12,999	15,997	28,996	12,503	-----	-----	69.0
1947 <sup>3</sup> .....	8,100	1,657	13,419	16,493	29,912	10,569	-----	-----	73.3

## NEW YORK AND PENNSYLVANIA HAVANA SEED, TYPE 53

1943.....	1,000	1,378	1,378	1,756	3,134	997	-----	-----	19.7
1944.....	1,100	1,405	1,546	2,137	3,683	444	-----	-----	22.0
1945.....	1,100	1,386	1,525	3,239	4,764	2,722	-----	-----	36.0
1946.....	1,400	1,440	2,016	2,042	4,058	1,317	-----	-----	39.9
1947 <sup>3</sup> .....	1,400	1,414	1,980	2,741	4,721	2,213	-----	-----	28.3

## SOUTHERN WISCONSIN, TYPE 54

1943.....	9,000	1,420	12,780	36,123	48,903	16,740	-----	-----	22.5
1944.....	10,400	1,440	14,976	32,163	47,139	19,640	-----	-----	24.0
1945.....	12,100	1,540	18,634	27,499	46,133	13,463	-----	-----	37.7
1946.....	14,300	1,450	20,735	32,670	53,405	15,470	-----	-----	34.7
1947 <sup>3</sup> .....	11,000	1,500	16,500	37,935	54,435	17,221	-----	-----	22.3

## NORTHERN WISCONSIN, TYPE 55

1943.....	9,700	1,504	14,584	36,333	50,917	21,050	-----	-----	25.5
1944.....	10,800	1,467	15,844	29,867	45,711	16,758	-----	-----	26.8
1945.....	12,300	1,488	18,300	28,953	47,253	18,847	-----	-----	45.4
1946.....	14,700	1,488	21,875	28,406	50,281	12,651	-----	-----	45.5
1947 <sup>3</sup> .....	14,500	1,492	21,630	37,630	59,260	23,085	-----	-----	35.0

## GEORGIA-FLORIDA SUN-GROWN, TYPE 56

1943.....	300	830	249	1,148	1,397	748	-----	-----	22.0
1944.....	200	600	120	649	769	469	-----	-----	27.0
1945.....	200	930	186	300	486	325	-----	-----	33.0
1946.....	200	1,050	210	161	371	71	-----	-----	55.0
1947 <sup>3</sup> .....	300	700	210	300	510	298	-----	-----	47.0

## TOTAL CIGAR WRAPPER, TYPES 61-62

1943.....	9,600	1,044	10,020	13,037	23,057	8,744	-----	8,744	168.0
1944.....	10,500	1,075	11,290	14,313	25,603	10,915	-----	10,915	196.0
1945.....	11,200	1,001	11,214	14,688	25,902	12,279	-----	12,279	197.0
1946.....	12,500	1,000	12,501	13,623	26,124	12,751	-----	12,751	234.0
1947 <sup>3</sup> .....	13,800	994	13,714	13,373	27,087	12,556	-----	12,556	289.0

## CONNECTICUT VALLEY SHADE-GROWN, TYPE 61

1943.....	6,300	1,004	6,324	8,351	14,675	5,900	-----	5,900	185.0
1944.....	7,300	1,060	7,735	8,775	16,510	6,360	-----	6,360	220.0
1945.....	8,100	935	7,572	10,150	17,722	7,600	-----	7,600	220.0
1946.....	8,800	1,003	8,824	10,122	18,946	8,818	-----	8,818	240.0
1947 <sup>3</sup> .....	9,500	975	9,262	10,128	19,390	8,682	-----	8,682	310.0

## GEORGIA-FLORIDA SHADE-GROWN, TYPE 62

1943.....	3,300	1,120	3,696	4,686	8,382	2,844	-----	2,844	138.0
1944.....	3,200	1,111	3,555	5,538	9,093	4,555	-----	4,555	144.0
1945.....	3,100	1,175	3,642	4,538	8,180	4,679	-----	4,679	150.0
1946.....	3,700	994	3,677	3,501	7,178	3,933	-----	3,933	220.0
1947 <sup>3</sup> .....	4,300	1,035	4,452	3,245	7,697	3,874	-----	3,874	245.0

<sup>1</sup> July 1 for flue-cured types 11-14 and cigar types 56, 61 and 62; Jan. 1 of following year for Maryland; Oct. 1 for all other types.

<sup>2</sup> Farm-sales weight of exports is subject to revision. Exports by rehandling trade included in totals of types from which they are made, while cigar leaf exports are assumed to be half filler and half binder.

<sup>3</sup> Preliminary.

<sup>4</sup> Puerto Rican crop year July-June (crop planted in the fall and harvested the following spring).

Bureau of Agricultural Economics and Production and Marketing Administration. Basic export data from the official reports of the Department of Commerce. Data for Puerto Rico from "Basic Statistics on Puerto Rico," Office of Puerto Rico.

TABLE 158.—Tobacco: Stocks (farm-sales weight) owned by dealers and manufacturers in the United States, 1944-48<sup>1</sup>

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Flue-cured, types 11-14:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Ohio (Miami Valley), types 42-44:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1944	1,605,224	1,409,539	1,188,825	1,388,481	1944	39,527	44,940	42,021	38,608
1945	1,718,852	1,428,136	1,126,283	1,482,650	1945	35,000	38,565	36,388	34,165
1946	1,764,302	1,487,120	1,147,358	1,495,211	1946	30,783	33,882	30,526	27,529
1947	1,729,701	1,541,543	1,286,840	1,639,636	1947	25,319	27,119	25,765	23,716
1948	1,973,218	1,804,336	1,550,189	---	1948	22,645	28,606	26,014	---
Virginia fire-cured, type 21:					Puerto Rican, type 46: <sup>2</sup>				
1944	30,379	35,203	31,906	29,291	1944	36,029	44,521	62,738	53,770
1945	27,435	32,895	28,148	24,031	1945	44,633	60,978	85,799	75,343
1946	22,980	25,838	21,186	17,582	1946	68,098	67,050	85,843	78,298
1947	17,471	28,158	25,762	22,729	1947	70,596	76,420	81,267	74,006
1948	20,965	29,983	27,608	---	1948	65,557	67,622	73,138	---
Kentucky and Tennessee fire-cured, type 22:					Connecticut Valley Broadleaf, type 51:				
1944	102,828	121,983	116,416	105,946	1944	21,988	25,391	24,401	20,780
1945	100,036	113,951	102,546	81,982	1945	23,435	28,698	25,898	23,511
1946	71,365	86,557	78,737	68,077	1946	28,079	31,092	26,547	24,260
1947	55,971	96,068	96,762	86,317	1947	27,514	32,069	31,571	28,591
1948	78,014	116,422	107,648	---	1948	27,582	34,616	33,597	---
Kentucky and Tennessee fire-cured, type 23:					Connecticut Valley Havana seed, type 52:				
1944	36,061	43,928	40,369	38,138	1944	31,078	31,711	28,891	22,878
1945	36,253	44,818	35,854	25,717	1945	27,086	25,027	22,451	18,796
1946	20,311	29,117	24,065	19,155	1946	24,836	22,383	19,857	15,997
1947	16,520	37,984	38,343	34,192	1947	21,376	23,106	19,775	16,493
1948	31,802	48,700	45,890	---	1948	24,534	24,359	21,679	---
Henderson fire-cured, type 24:					New York and Pennsylvania Havana seed, type 53:				
1944	154	186	198	146	1944	1,802	2,634	2,516	2,137
1945	137	106	93	110	1945	2,853	3,570	3,404	3,239
1946	91	78	86	94	1946	2,963	3,105	2,413	2,042
1947	123	164	169	167	1947	1,145	3,095	2,862	2,741
1948	207	280	313	---	1948	2,545	2,193	3,155	---
Burley, type 31:					Southern Wisconsin, type 54:				
1944	729,479	870,388	762,577	651,228	1944	31,719	40,749	36,390	32,163
1945	679,952	984,511	880,608	759,033	1945	27,090	35,136	31,393	27,499
1946	857,064	1,100,207	982,892	853,285	1946	26,996	41,951	37,057	32,670
1947	920,698	1,206,320	1,090,898	940,819	1947	27,885	35,046	40,531	37,935
1948	1,095,779	1,174,111	1,045,651	---	1948	35,392	46,784	42,158	---
Maryland, type 32:					Northern Wisconsin, type 55:				
1944	43,818	37,471	39,466	45,243	1944	30,030	40,698	35,474	29,867
1945	37,602	29,574	44,197	52,227	1945	26,091	39,660	34,056	28,953
1946	46,544	39,153	37,722	40,292	1946	25,801	37,820	32,022	28,406
1947	32,382	25,811	35,070	52,539	1947	23,651	40,446	41,179	37,630
1948	44,786	37,427	47,199	---	1948	34,220	43,273	41,053	---
One Sucker, type 35:					Georgia and Florida sun-grown, type 56:				
1944	30,298	38,220	32,439	28,507	1944	1,023	491	649	761
1945	30,609	44,024	35,560	30,680	1945	598	443	300	403
1946	30,322	44,397	41,027	32,842	1946	306	186	161	324
1947	36,948	52,286	46,017	40,132	1947	295	360	300	435
1948	43,248	50,505	46,216	---	1948	229	314	212	---
Green River, type 36:					Connecticut shade-grown, type 61:				
1944	25,666	30,694	28,406	26,076	1944	11,988	10,316	8,775	8,702
1945	26,990	34,836	29,305	26,374	1945	14,101	12,043	10,150	10,540
1946	26,317	32,316	27,405	24,784	1946	14,343	12,545	10,122	10,410
1947	29,601	33,726	31,322	28,635	1947	14,884	12,294	10,128	11,957
1948	31,928	36,387	34,501	---	1948	16,932	13,603	10,678	---
Virginia sun-cured, type 37:					Georgia and Florida shade-grown, type 62:				
1944	3,409	5,075	3,445	3,133	1944	7,357	6,578	5,538	6,986
1945	3,313	4,740	4,125	3,375	1945	6,752	5,918	4,538	7,147
1946	3,582	4,337	3,570	2,819	1946	6,807	5,438	3,501	6,335
1947	2,635	4,945	4,679	3,905	1947	5,542	4,233	3,245	6,361
1948	3,467	4,372	3,931	---	1948	6,031	4,681	3,804	---
Pennsylvania Seed-leaf, type 41:									
1944	97,814	122,343	112,951	106,760					
1945	90,602	126,845	117,876	108,733					
1946	94,674	121,491	117,720	101,223					
1947	84,971	118,137	113,772	98,471					
1948	82,640	85,968	119,943	---					

See footnotes at end of table.

TABLE 158.—*Tobacco: Stocks (farm-sales weight) owned by dealers and manufacturers in the United States, 1944-48*<sup>1</sup>—Continued

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Perique, type 72:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cuban, type 81: <sup>3</sup>	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1944.....	918	803	728	796	1944.....	20,940	22,741	22,305	20,393
1945.....	796	824	615	542	1945.....	25,688	23,865	23,377	24,062
1946.....	821	857	785	796	1946.....	28,760	25,899	24,182	24,673
1947.....	838	776	681	664	1947.....	34,822	35,958	34,090	30,889
1948.....	730	803	712	-----	1948.....	30,744	28,027	26,494	-----

<sup>1</sup> Stocks as here shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by growers—thereby making these figures of leaf-tobacco stocks comparable with figures of leaf-tobacco production.

<sup>2</sup> Stocks on the Island of Puerto Rico are included.

<sup>3</sup> Stocks of Cuban tobacco, type 81, are not converted to farm-sales weight but are shown on an unstemmed weight basis. Stemmed stocks reported have been converted to an unstemmed equivalent. A factor for converting to farm-sales weight has not been determined.

Production and Marketing Administration. Data for 1939-43 in Agricultural Statistics, 1946, table 155.

TABLE 159.—*Tobacco: Leaf used in the manufacture of cigars, cigarettes, and tobacco and snuff, United States, 1938-47*<sup>1</sup>

Year	In cigars		In cigarettes		In tobacco and snuff	Total
	Large <sup>2</sup>	Small	Large	Small		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		
1938.....	118,162	590	14	483,826	262,710	865,302
1939.....	122,072	609	25	509,108	253,485	885,299
1940.....	126,309	526	14	535,204	260,063	922,716
1941.....	135,494	572	10	626,832	246,177	1,009,085
1942.....	140,154	525	15	754,535	235,836	1,131,065
1943.....	131,402	494	42	860,416	236,349	1,228,703
1944.....	129,399	483	273	920,145	204,241	1,254,541
1945.....	128,012	378	784	943,502	218,500	1,291,176
1946.....	137,166	373	9	1,000,929	168,190	1,306,667
1947 <sup>3</sup> .....	128,000	330	5	1,058,772	161,500	1,348,606

<sup>1</sup> The quantities given are unstemmed equivalent of all kinds of tobacco used. Stemmed leaf and scrap, etc., used in manufacturing have been converted to unstemmed equivalent at the ratio of 3 pounds stemmed to 4 pounds unstemmed.

<sup>2</sup> Does not include tobacco used in bonded manufacturing warehouses.

<sup>3</sup> Preliminary.

Production and Marketing Administration. Compiled from annual reports of the Commissioner of Internal Revenue, Treasury Department. Data for 1947 are estimates of the Production and Marketing Administration.

TABLE 160.—*Tobacco products: Average wholesale price, United States, 1938-47*<sup>1</sup>

Year	Cigarettes, per 1,000 <sup>2</sup>	Cigars per 1,000 <sup>3</sup>		Plug tobacco per pound <sup>4</sup>	Smoking tobacco, per dozen <sup>5</sup>	Snuff per half- gross <sup>6</sup>
		Popular brands	Medium- priced brands			
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	5.513	34.321	64.606	0.642	1.306	4.502
1939.....	5.513	34.321	64.606	.642	1.306	4.502
1940.....	5.638	34.321	64.606	.642	1.297	4.502
1941.....	5.760	34.321	64.606	.642	1.284	4.589
1942.....	5.802	34.422	66.919	.642	1.297	4.768
1943.....	6.006	41.709	73.405	.642	1.261	4.768
1944.....	6.006	42.178	74.517	.656	1.261	4.768
1945.....	6.006	48.245	82.626	.770	1.285	4.768
1946.....	6.234	55.206	85.521	.782	1.362	5.048
1947.....	6.509	60.964	89.177	.834	1.441	5.715

<sup>1</sup> Simple average of weekly prices, usually the Tuesday quotation. All prices include the internal-revenue tax.

<sup>2</sup> Composite price of three price series, f.o.b. destination.

<sup>3</sup> Composite price, f.o.b. destination.

<sup>4</sup> New York.

<sup>5</sup> 2-ounce package, destination.

<sup>6</sup> Dry, sweet, 1½-ounce, list price, destination.

Bureau of Agricultural Economics. Compiled from official records of the Bureau of Labor Statistics, Department of Labor.

TABLE 161.—*Tobacco products: Cigars, cigarettes, chewing, smoking, and snuff, manufactured in the United States, 1938-47*

Year	Cigars <sup>1</sup>		Cigarettes		Chewing				Smoking	Snuff	Total chewing, smoking, and snuff
	Weighing more than 3 pounds per 1,000	Weighing not more than 3 pounds per 1,000	Weighing more than 3 pounds per 1,000	Weighing not more than 3 pounds per 1,000	Plug	Twist	Fine-cut	Scrap			
	Thousands	Thousands	Thousands	Thousands	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938	5,014,758	152,990	2,638	171,686,383	54,495	5,659	4,572	42,776	200,694	37,173	345,369
1939	5,197,627	156,940	4,369	180,666,824	51,263	5,733	4,701	41,351	202,289	37,970	343,307
1940	5,235,271	134,738	2,249	189,371,258	48,759	5,605	4,176	42,910	205,101	37,872	344,423
1941	5,610,176	146,711	1,790	217,934,925	50,230	5,614	5,069	41,209	197,689	39,616	342,427
1942	5,840,805	133,150	2,503	257,520,863	54,300	6,024	5,084	48,346	175,656	41,003	330,413
1943	5,363,027	125,480	6,111	296,173,333	58,945	6,257	4,460	51,414	162,834	43,179	327,089
1944	5,198,679	123,340	26,870	323,583,888	61,655	6,498	4,092	52,867	139,861	41,962	306,935
1945	5,274,675	98,167	82,416	332,164,670	59,704	6,723	3,970	47,748	168,523	43,834	330,502
1946	5,617,700	92,262	1,658	350,038,093	51,810	5,773	3,756	46,117	106,414	39,361	253,231
1947 <sup>2</sup>	5,280,000	80,000	800	370,200,000	47,359	5,152	3,724	42,224	104,578	39,187	242,224

<sup>1</sup> Cigars produced in and removed for domestic consumption from bonded manufacturing warehouses are not included.

<sup>2</sup> Preliminary.

Production and Marketing Administration. Compiled from annual and monthly reports of the Commissioner of Internal Revenue, Treasury Department, except cigars and cigarettes for 1947, which are estimates of the Production and Marketing Administration.

TABLE 162.—*Tobacco, unmanufactured: International trade, average 1935-39, annual 1946 and 1947*

Continent and country	Average 1935-39		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:						
Canada	15,294	4,255	12,591	1,746	24,496	1,610
Costa Rica		40		41		95
El Salvador	23	495		2,302		2,096
Guatemala		68		303		296
Honduras	1,894	43	3,371	34	3,737	60
Mexico	215	210	938	1,990	649	1,883
Newfoundland and Labrador		62		850		1,166
Nicaragua		175		506		453
United States	420,797	71,274	663,162	82,009	507,165	90,386
Cuba	27,712		46,745		26,834	
Dominican Republic	13,652		62,534	158	32,985	2,381
Puerto Rico	22,484	1,902	25,087	1,035	15,093	564
Total	502,071	78,524	814,428	90,974	610,959	98,990
Europe:						
Austria	4 1,424	4 16,954	5 0	5 5,000	0	6,264
Belgium and Luxemburg	413	40,695	2	35,328	52	39,694
Bulgaria	59,396		40,745		72,007	
Czechoslovakia		4 20,768		11,823		46,056
Denmark	490	20,206		28,086	11	18,932
Eire	4 394	4 12,292	264	15,560	339	14,417
Finland		7,754		4,317		6,823
France	4 686	4 61,576	287	81,985	116	68,486
Germany	4 19	4 204,644		5 500		5 3,000
Greece	97,657	20	28,364		38,732	
Hungary	19,162	3,106	0	829	677	851
Italy	12,927	5,253	468	819	2,955	29,826
Netherlands	3,249	67,349	1,243	24,024	425	76,228
Norway		6,602		9,572		9,113
Poland and Danzig	4 149	4 18,404		4,678		8,311
Portugal		6,381		9,761		9,277
Sweden	153	14,829	1,310	11,688		19,859
Switzerland		15,795	44	19,332	0	22,254
United Kingdom	6 5,996	258,486	6 6,591	432,708	6 677	295,658
Total	202,115	781,114	79,318	696,010	115,991	675,079

See footnotes at end of table.

TABLE 162.—*Tobacco, unmanufactured: International trade, average 1935-39, annual 1946 and 1947—Continued*

Continent and country	Average 1935-39		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asia:						
Palestine.....	(7)	271	535	1,472	<sup>2</sup> 1,444	<sup>2</sup> 1,384
Syria and Lebanon.....	2,762	112	5,094	-----	5,469	254
Turkey.....	78,054	152	62,911	-----	93,239	-----
Ceylon.....	2,086	1,200	1,148	2,935	1,123	2,119
China.....	30,994	56,613	2,047	27,132	1,155	41,475
French Indochina.....	<sup>4</sup> 216	2,718	-----	325	-----	6,863
Hong Kong.....	(7)	10,450	670	9,808	387	10,437
India.....	43,500	4,791	<sup>5</sup> 75,000	<sup>5</sup> 10,045	<sup>5</sup> 40,000	<sup>5</sup> 13,000
Netherlands Indies.....	101,176	2,765	1,715	<sup>2</sup> 416	4,885	<sup>2</sup> 3,189
Philippine Islands.....	37,357	1,075	3,614	120	10,254	101
Siam.....	13	3,405	-----	1,325	-----	3,307
Total.....	296,158	83,552	152,734	53,578	157,956	82,129
South America:						
Argentina.....	180	16,878	10,076	19,296	<sup>2</sup> 3,466	17,507
Brazil.....	71,955	772	116,586	664	87,082	<sup>2</sup> 692
British Guiana.....	-----	<sup>4</sup> 393	-----	596	-----	780
Chile.....	-----	172	-----	1,594	-----	957
Colombia.....	6,472	<sup>4</sup> 138	6,853	392	<sup>2</sup> 12,127	<sup>2</sup> 352
Paraguay.....	7,747	202	14,650	193	7,738	<sup>5</sup> 200
Peru.....	-----	212	-----	483	-----	569
Surinam.....	(7)	(7)	-----	958	-----	121
Uruguay.....	-----	3,051	-----	8,158	-----	4,150
Total.....	86,354	21,818	148,165	32,334	110,413	25,328
Africa:						
Algeria.....	24,979	7,482	1,735	6,726	20,507	7,671
Nyasaland.....	12,810	-----	17,732	10	20,008	-----
Egypt.....	-----	13,014	-----	26,823	-----	28,435
Madagascar.....	5,262	17	2,351	373	3,115	357
Southern Rhodesia.....	19,166	327	41,634	1,841	46,657	1,065
Tunisia.....	-----	<sup>4</sup> 2,843	91	4,457	-----	5,114
Total.....	62,217	23,653	63,543	40,230	90,287	42,642
Oceania:						
Australia.....	114	21,537	2	22,164	-----	21,333
New Zealand.....	113	3,027	-----	6,806	-----	4,651
Total.....	227	24,564	2	28,970	-----	25,984
Total of data shown.....	1,149,142	1,013,255	1,258,190	942,096	1,085,606	950,152

<sup>1</sup> Preliminary.<sup>2</sup> Estimated on basis of data available for 5 months or more of the year.<sup>3</sup> Trade with the United States.<sup>4</sup> Less than a 5-year average.<sup>5</sup> Approximated from unofficial information.<sup>6</sup> Re-exports.<sup>7</sup> Not available.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of United States foreign service officers, and other information.

## CHAPTER III

### STATISTICS OF OILSEEDS, FATS, AND OILS

The statistics in this chapter include data on cottonseed, flaxseed, olive oil, peanuts, soybeans, tung nuts, oleomargarine, and fats and oils. A table on cottonseed-oil futures is new this year.

Some data on fats, oils, and oilseeds produced abroad are in the chapter on foreign trade. Butter statistics in general are included with other dairy products. Lard statistics are mostly in the chapter on livestock.

TABLE 163.—*Cottonseed: Yield per acre, production, farm disposition, season average price per ton received by farmers, and value, United States, 1929-47*

Year	Acreage of cotton harvested	Cottonseed						
		Yield of seed per acre	Production	Left on farms	Delivered to oil mills		Price	Farm value
					Sold to oil mills	Exchanged for meal		
	1,000 acres	Pounds	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars
1929	43,232	296	6,406	1,384	4,692	330	30.93	198,164
1930	42,444	284	6,028	1,333	4,278	417	22.07	133,054
1931	38,704	378	7,310	1,690	4,795	825	8.98	65,678
1932	35,891	324	5,815	1,272	3,998	545	10.35	60,202
1933	29,383	375	5,511	1,352	3,796	363	12.91	71,166
1934	26,866	317	4,256	838	3,211	207	33.03	140,574
1935	27,509	337	4,634	884	3,450	300	30.54	141,527
1936	29,755	368	5,472	953	4,215	304	33.30	182,230
1937	33,623	467	7,844	1,223	5,963	658	19.50	152,974
1938	24,248	408	4,950	690	3,815	445	21.79	107,874
1939	23,805	409	4,869	799	3,637	433	21.14	102,933
1940	23,861	443	5,286	796	3,998	492	21.72	114,817
1941	22,236	410	4,553	593	3,748	212	47.65	216,961
1942	22,602	460	5,202	686	4,151	365	45.60	237,221
1943	21,610	434	4,688	704	3,553	431	52.10	244,059
1944	19,651	499	4,902	540	4,064	298	52.70	258,163
1945	17,059	430	3,664	502	2,844	318	51.10	187,155
1946	17,615	399	3,513	444	2,854	215	71.90	252,674
1947 <sup>1</sup>	21,269	440	4,681	606	3,934	141	85.90	402,015

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 212.

TABLE 164.—*Cottonseed: Production and season average price per ton received by farmers, average 1936-45, and farm disposition, by States, annual 1946 and 1947*

State	Production			Left on farms		Delivered to oil mills				Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>	Sold to oil mills		Exchanged for meal		Average 1936-45	1946	1947 <sup>1</sup>
						1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>			
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
Missouri	159	132	132	7	12	125	120	0	0	34.40	70.30	83.80
Virginia	11	7	7	1	1	5	5	1	1	36.40	76.30	82.80
North Carolina	245	177	177	17	22	128	143	32	12	36.40	71.70	80.40
South Carolina	311	281	253	36	38	208	196	37	19	36.80	67.00	80.40
Georgia	377	223	253	28	23	160	212	35	18	36.80	67.50	82.20
Florida	9	2	4	0	0	2	4	0	0	33.00	53.80	72.90
Tennessee	205	205	197	20	22	176	168	9	7	36.70	74.30	88.30
Alabama	391	313	347	38	42	231	274	44	31	36.20	67.30	79.50
Mississippi	775	425	603	70	98	337	480	18	25	38.20	69.30	89.10
Arkansas	586	532	490	67	45	453	436	12	9	36.60	72.80	86.10
Louisiana	267	103	201	18	26	80	170	5	5	35.60	61.90	79.80
Oklahoma	242	109	137	14	22	89	113	6	2	34.90	81.10	87.50
Texas	1,247	694	1,417	99	207	580	1,198	15	12	36.50	73.30	86.00
New Mexico	46	56	71	5	3	51	618	0	0	38.30	77.00	94.10
Arizona	84	65	93	5	5	60	88	0	0	36.70	84.10	89.00
California	179	185	295	18	40	166	255	1	0	38.90	83.90	97.00
All other <sup>2</sup>	7	4	4	1	0	3	4	0	0	35.30	75.10	85.40
United States	5,143	3,513	4,681	444	606	2,854	3,934	215	141	36.70	71.90	85.90

<sup>1</sup> Preliminary.

<sup>2</sup> Illinois, Kansas, and Kentucky.

Bureau of Agricultural Economics. Quantities less than 500 tons shown as zero.

TABLE 165.—Cottonseed: Production in specified areas, averages 1930-34 and 1935-39, annual 1942-47

Continent and country	Year beginning Aug. 1—							
	Average		1942	1943	1944	1945	1946 <sup>1</sup>	1947 <sup>1</sup>
	1930-34	1935-39						
North America:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
El Salvador.....	( <sup>2</sup> )	2	7	9	8	5	10	10
Mexico.....	93	160	219	246	226	207	221	240
United States.....	5,784	5,554	5,202	4,688	4,902	3,664	3,513	4,744
Haiti.....	15	12	7	7	6	6	4	6
Total <sup>3</sup> .....	5,895	5,735	5,440	4,955	5,150	3,800	3,750	5,005
Europe:								
Bulgaria <sup>4</sup> .....	6	19	6	4	6	5	11	15
Greece.....	12	39	4	4	7	14	26	27
Italy.....	2	11	11	6	5	5	6	8
Rumania <sup>4</sup> .....	( <sup>2</sup> )	1	4	7	14	12	6	10
Spain.....	2	5	10	10	13	4	11	7
Total (excluding U. S. S. R.) <sup>5</sup> .....	25	75	40	35	50	40	60	70
U. S. S. R. (Europe and Asia).....	843	1,640				815	1,075	1,250
Asia:								
Iran.....	18	91	39	41	43	49	34	43
Syria.....	5	15	11	7	7	12	12	7
Turkey.....	57	126	134	93	114	128	138	139
Afghanistan.....		27	9	11		11	5	5
Burma.....	36	54	39	50	47	18	12	18
China (includes Manchuria).....	1,523	1,593	1,228	837	893	1,016	1,078	1,196
India and Pakistan <sup>5</sup> .....	2,192	2,591	2,196	2,456	1,672	1,969	1,951	1,904
Korea.....	74	91	98	104	116	52	38	33
Netherland Indies.....	3	5	5	4	6		1	1
Siam.....	2	4				9		
Total (excluding U. S. S. R.) <sup>5</sup> .....	3,930	4,610	3,775	3,620	2,930	3,280	3,290	3,360
South America:								
Argentina.....	97	147	253	281	169	145	170	187
Brazil.....	369	935	1,038	1,291	777	645	624	552
Colombia.....	7	12	11	14	16	11	12	11
Paraguay.....	10	20	20	37	20	22	28	15
Peru.....	159	204	139	165	173	175	160	158
Venezuela.....	6	6	9	9	9	7	6	8
Total <sup>5</sup> .....	650	1,330	1,475	1,800	1,170	1,010	1,005	935
Africa and Oceania:								
Anglo-Egyptian Sudan.....	85	132	146	93	167	103	125	113
Belgian Congo.....	36	87	101	72	85	92	88	88
Tanganyika.....	10	25	22	16	18	18	17	17
Uganda.....	105	143	48	81	116	97	98	70
Egypt.....	787	1,007	467	394	512	576	669	702
French Equatorial Africa and Cam- eroun.....	7	22	42	40	51	55	39	59
French West Africa and Togo.....	16	16		7	11	5	5	7
Mozambique.....	6	18	47	48	47	50	47	48
Nigeria and Cameroons.....	12	19	14	11	7	16	15	10
Angola.....	2	7	13	12	15	10	14	13
Total <sup>5</sup> .....	1,085	1,500	930	795	1,045	1,035	1,130	1,135
World total.....	12,428	14,890	12,615	11,920	11,110	10,070	10,310	11,755

<sup>1</sup> Preliminary.<sup>2</sup> Less than 500 tons.<sup>3</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.<sup>4</sup> Figures for 1942 to date are not comparable with prewar figures because of boundary changes.<sup>5</sup> All figures except the 1930-34 average have been revised through the adoption of a series of lint cotton figures compiled by the Indian Central Cotton Committee.

Office of Foreign Agricultural Relations. United States figures were compiled from official records; figures for other countries were calculated from lint-production estimates.



TABLE 166.—*Cottonseed crushings and production of cottonseed products, United States, 1938-47*

Year beginning August—	Quantity crushed	Cottonseed products				Year beginning August—	Quantity crushed	Cottonseed products			
		Crude oil	Cake and meal	Linters	Hulls			Crude oil	Cake and meal	Linters	Hulls
	1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons		1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons
1938.....	4, 471	1, 409	2, 023	1, 113	1, 161	1943.....	3, 955	1, 236	1, 834	1, 180	927
1939.....	4, 151	1, 325	1, 882	1, 072	1, 055	1944.....	4, 254	1, 324	1, 954	1, 247	984
1940.....	4, 398	1, 425	1, 954	1, 208	1, 107	1945.....	3, 262	1, 018	1, 434	989	783
1941.....	4, 008	1, 250	1, 753	1, 183	992	1946.....	3, 090	973	1, 363	992	727
1942.....	4, 498	1, 401	1, 995	1, 354	1, 085	1947 <sup>1</sup> .....	4, 081	1, 275	1, 898	1, 281	922

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Compiled from annual reports of the Bureau of the Census.

TABLE 167.—*Cottonseed oil, meal, and hulls: Average price at specified markets, 1938-1947*

Year beginning August—	Oil, per pound		Meal, per ton <sup>3</sup>	Hulls, per ton <sup>4</sup>	Year beginning August—	Oil, per pound		Meal, per ton <sup>3</sup>	Hulls, per ton <sup>4</sup>
	Crude <sup>1</sup>	Refined <sup>2</sup>				Crude <sup>1</sup>	Refined <sup>2</sup>		
	Cents	Cents	Dollars	Dollars		Cents	Cents	Dollars	Dollars
1938.....	5.96	7.07	22.15	8.41	1943.....	12.75	14.05	48.54	12.00
1939.....	5.64	6.54	27.60	11.31	1944.....	12.75	14.31	48.50	13.00
1940.....	6.54	7.52	26.66	11.00	1945.....	12.75	14.58	55.06	13.17
1941.....	12.27	13.45	36.61	9.93	1946.....	24.78	<sup>5</sup> 28.47	74.55	15.90
1942.....	12.75	13.93	37.80	10.28	1947.....	26.25	<sup>5</sup> 27.75	86.80	15.61

<sup>1</sup> In tanks, f.o.b. southeastern mills.<sup>2</sup> Prime summer yellow, bleachable, tank-car deliveries, New York.<sup>3</sup> On basis of 41 percent protein, bagged, carlots, Memphis.<sup>4</sup> Bulk, carlots. Atlanta, through July 1944; southeast mills, August 1944-July 1947; Memphis, August 1947-July 1948.<sup>5</sup> Nearby futures.

Bureau of Agricultural Economics. Compiled from the Oil, Paint, and Drug Reporter; reports of the Bureau of Labor Statistics, and records of the Production and Marketing Administration. Data for earlier years in the 1930 Yearbook, table 149, and Agricultural Statistics, 1940, table 177.

TABLE 168.—*Cottonseed oil futures: Volume of trading and annual average of month-end open contracts on all contract markets, and highest and lowest price per pound on the New York Produce Exchange, 1938-47*

Year beginning August—	Volume of trading	Average open contracts	Price		Year beginning August—	Volume of trading	Average open contracts	Price	
			Highest	Lowest				Highest	Lowest
	Million pounds	Million pounds	Cents	Cents		Million pounds	Million pounds	Cents	Cents
1938.....	2, 725. 4	( <sup>1</sup> )	8. 72	5. 64	1943.....	6. 3	1. 0	14. 45	12. 75
1939.....	2, 313. 0	( <sup>1</sup> )	7. 94	5. 09	1944.....	12. 7	2. 1	14. 31	12. 65
1940.....	3, 520. 1	<sup>2</sup> 153. 1	13. 25	5. 33	1945.....	. 7	<sup>3</sup> 0. 4	14. 31	14. 20
1941.....	1, 027. 4	57. 4	14. 30	11. 40	1946.....	102. 2	<sup>4</sup> 13. 3	41. 25	16. 25
1942.....	26. 8	2. 3	14. 45	13. 27	1947.....	1, 576. 6	55. 5	43. 00	15. 60

<sup>1</sup> Not available prior to Mar. 17, 1941.<sup>2</sup> 5-month average.<sup>3</sup> 11-month average. Trading suspended July 10, 1946.<sup>4</sup> 10-month average. Trading resumed Oct. 17, 1946.

Commodity Exchange Authority. Trading and open contracts figures compiled from daily reports from exchange clearing members beginning Mar. 17, 1941; prior figures and prices compiled from records of the New York Produce Exchange.

TABLE 169.—*Flaxseed: Acreage, production, value, foreign trade, and net supply, United States, 1929-47*

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel of No. 1 flaxseed at Minneapolis, year beginning August <sup>1</sup>	Foreign trade, including linseed oil in terms of seed, year beginning July <sup>2</sup>			Net supply
								Domestic exports	Imports	Net imports <sup>3</sup>	
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1929	3,386	2,966	5.1	15,046	2.81	44,777	3.11	115	19,945	19,830	35,754
1929	3,386	3,049	5.2	15,924	1.61	34,950	1.76	70	7,827	7,757	29,430
1930	4,481	3,780	5.7	21,673	1.17	13,715	1.36	47	13,851	13,804	25,559
1931	3,773	2,431	4.8	11,755	.88	10,149	1.18	42	6,215	6,173	17,684
1932	2,720	1,988	5.8	11,511	1.63	11,230	1.87	38	18,479	18,441	25,345
1933	1,837	1,341	5.1	6,904	1.70	9,732	1.90	43	15,499	15,456	21,175
1934	898	898	5.6	5,598	1.42	21,181	1.73	55	15,451	15,396	30,310
1934	1,609	1,002	5.7	5,719	1.90	10,112	2.14	58	26,120	26,062	31,393
1935	2,419	2,126	7.0	14,914	1.87	13,196	2.07	43	17,873	17,830	24,900
1936	2,572	1,125	4.7	5,331	1.59	12,783	1.78	43	18,748	18,705	26,737
1937	1,330	927	7.6	7,070	1.46	28,692	1.65	239	13,213	12,974	32,580
1938	1,032	905	8.9	8,032	1.42	43,793	1.65	276	11,202	10,926	41,850
1939	2,081	2,081	9.0	18,329	1.79	57,482	2.11	2,213	23,273	21,060	53,193
1939	2,339	2,171	9.0	19,606	2.36	96,560	2.53	4,402	9,248	4,846	45,822
1940	3,364	3,182	9.7	30,924	2.83	141,554	3.05	15,339	21,244	5,905	55,914
1941	3,462	3,266	9.8	32,133	2.91	62,941	3.10	9,768	6,482	3,281	18,384
1942	4,698	4,408	9.3	40,976	2.89	99,912	3.14	238	8,356	8,118	42,675
1943	6,182	5,691	8.8	50,009	4.04	91,137	4.82	61	10,190	10,128	32,713
1944	2,887	2,610	8.3	21,665	6.10	242,545	6.38	238	10,190	10,128	32,713
1944	3,953	3,785	9.1	34,557							
1945	2,641	2,432	9.3	22,585							
1946	4,157	4,026	9.9	39,763							

<sup>1</sup> Average of daily prices weighted by carlot sales, compiled from Minneapolis Daily Market Record.

<sup>2</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June, and official records of the Department of Commerce. Flaxseed, general imports 1929-32; imports for consumption beginning 1933. Linseed oil, general imports 1929-32; imports for consumption beginning 1933. No re-exports of seed or oil reported since December 1922. 1 bushel of flaxseed weighs 56 pounds; 1 bushel of seed yields approximately 2½ gallons of oil, and 1 gallon of oil weighs about 7½ pounds.

<sup>3</sup> Total imports minus exports. Beginning 1933 imports for consumption minus domestic exports.

<sup>4</sup> Beginning 1933, imports for consumption.

<sup>5</sup> Includes an allowance for unredeemed loans at average loan value.

<sup>6</sup> Net exports. Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1923 in Agricultural Statistics, 1942, table 220.

TABLE 170.—*Flaxseed: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947*

State	Acreage planted			Acreage harvested			Production <sup>2</sup>			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45 (°)		
										Dollars	Dollars	Dollars
Ohio	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
Illinois	49	1	6	49	1	6	4124	14	72	42.36	4.30	6.00
Michigan	8	7	5	8	7	5	59	63	38	2.06	4.98	6.30
Wisconsin	8	6	15	8	6	15	85	75	188	2.06	5.54	6.20
Minnesota	1,158	932	1,417	1,090	886	1,373	10,370	9,303	15,103	2.11	3.95	6.05
Iowa	143	34	80	138	34	79	1,647	510	1,066	2.05	3.74	5.85
Missouri	9	6	7	9	6	7	51	39	35	1.95	3.45	5.60
North Dakota	1,012	866	1,464	802	762	1,425	5,602	4,953	11,400	2.04	4.39	6.10
South Dakota	282	378	597	247	344	585	2,176	3,440	5,850	2.07	4.09	6.00
Kansas	146	120	115	130	116	107	892	812	749	1.95	3.55	5.55
Oklahoma	22	3	4	18	3	4	110	24	24	1.92	3.22	5.55
Texas	437	84	94	430	76	91	4249	555	864	2.14	3.15	5.70
Montana	196	83	188	174	74	168	1,155	513	1,008	1.95	4.55	6.05
Idaho	4	3	3	3	3	3	31	30	30	1.88	6.25	6.25
Wyoming	1	1	2	1	1	2	3	5	9	2.61	4.13	5.90
Arizona	16	14	20	15	14	20	350	336	530	2.47	3.62	6.10
Washington	4	4	3	4	3	4	32	32	52	2.47	6.45	6.45
Oregon	3	3	8	3	3	7	32	32	98	2.36	6.50	6.50
California	141	106	125	133	102	122	2,267	1,938	2,623	2.36	3.84	7.00
United States	3,182	2,641	4,157	2,807	2,432	4,026	25,030	22,585	39,763	2.10	4.04	6.10

<sup>1</sup> Preliminary.

<sup>2</sup> Does not include flaxseed harvested from flax grown for fiber in Oregon, estimated at 82,000 bushels in 1946 and 59,000 bushels in 1947.

<sup>3</sup> For certain years, prices include an allowance for unredeemed loans at average loan value.

<sup>4</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 171.—*Flaxseed: Production and farm disposition, by States, crops of 1946 and 1947*

State	Crop of 1946				Crop of 1947 <sup>1</sup>			
	Production	Used for seed		Sold	Production	Used for seed		Sold
		Total	On farms where grown			Total	On farms where grown	
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Ohio.....	2	2	2	24	1	1	24	24
Illinois.....	14	5	14	72	2	2	70	70
Michigan.....	63	4	3	60	38	4	2	36
Wisconsin.....	75	12	5	70	188	14	8	180
Minnesota.....	9,303	992	546	8,757	15,103	1,022	634	14,469
Iowa.....	510	64	22	488	1,066	60	36	1,030
Missouri.....	39	6	2	37	35	5	2	33
North Dakota.....	4,953	805	362	4,591	11,400	886	532	10,808
South Dakota.....	3,440	328	164	3,276	5,850	332	206	5,644
Kansas.....	812	80	38	774	749	64	33	716
Oklahoma.....	24	3	1	23	24	2	1	23
Texas.....	555	70	35	520	864	129	45	819
Montana.....	518	75	15	503	1,008	44	26	982
Idaho.....	2	2	2	30	1	1	30	30
Wyoming.....	5	1	1	5	9	9	9	9
Arizona.....	336	18	1	335	530	32	2	528
Washington.....	3	3	3	52	3	3	52	52
Oregon.....	6	6	6	98	12	2	96	96
California.....	1,938	94	24	1,914	2,623	142	47	2,576
United States.....	22,585	2,570	1,218	21,367	39,763	2,755	1,578	38,185

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 172.—*Flaxseed: Supply and distribution, United States, 1929-48*

Year beginning July—	Supply				Distribution				
	Stocks, July 1	Production	Net imports	Total supply	Farm disposition			Crushings	Total disappearance <sup>2</sup>
					Used for seed		Sold		
					Total	On farms where grown <sup>1</sup>			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1929.....	5,019	15,924	19,652	40,595	2,327	1,233	14,691	35,504	37,373
1930.....	3,222	21,673	7,813	32,708	1,989	1,215	20,458	27,054	30,225
1931.....	2,483	11,755	13,849	28,087	1,440	835	10,920	23,700	25,187
1932.....	2,900	11,511	6,213	20,624	1,006	636	10,875	17,370	18,524
1933.....	2,100	6,904	17,901	26,905	882	524	6,380	23,006	24,392
1934.....	2,513	5,719	15,332	23,564	1,293	445	5,274	20,720	21,383
1935.....	2,181	14,914	15,988	32,483	1,388	771	14,143	26,544	29,152
1936.....	3,331	5,331	26,996	34,758	732	331	5,000	30,340	31,419
1937.....	3,339	7,070	17,861	28,270	580	314	6,756	25,870	26,071
1938.....	2,199	8,032	18,744	28,975	1,353	533	7,499	25,569	26,679
1939.....	2,296	19,606	13,212	35,114	2,012	963	18,643	30,078	31,203
1940.....	3,911	30,924	11,198	46,033	2,271	1,232	29,692	36,643	38,661
1941.....	7,372	32,133	23,226	62,731	2,962	1,454	30,679	51,195	56,545
1942.....	6,186	40,976	6,326	53,488	3,815	1,922	39,054	44,257	49,070
1943.....	4,418	50,009	16,786	71,213	1,810	1,217	48,792	54,602	59,024
1944.....	12,189	21,665	5,052	38,906	2,380	1,178	20,487	32,861	35,835
1945.....	3,071	34,557	3,402	41,030	1,656	1,015	33,542	29,351	34,404
1946.....	6,626	22,585	1,340	30,551	2,570	1,218	21,367	24,597	28,860
1947 <sup>3</sup> .....	<sup>4</sup> 1,691	39,763	599	42,153	2,755	1,578	38,185	30,083	34,863
1948 <sup>3</sup> .....	<sup>4</sup> 7,290								

<sup>1</sup> Included in total used for seed.

<sup>2</sup> Computed from figures on production, trade, and stocks.

<sup>3</sup> Preliminary.

<sup>4</sup> Excludes new-crop flaxseed.

Bureau of Agricultural Economics. Compiled from reports of this Bureau and the Bureau of the Census. Farm disposition relates to the crop specified and not to disposition within the marketing year.

TABLE 173.—Flaxseed: Acreage, yield per acre, and production in specified areas, year of harvest, average 1935-39, annual 1944-47 1

Continent and country	Harvested acreage					Yield per acre					Production				
	Average 1935-39	1944	1945	1946	1947 <sup>2</sup>	Average 1935-39	1944	1945	1946	1947	Average 1935-39	1944	1945	1946	1947 <sup>2</sup>
North America:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush- els	Bush- els	Bush- els	Bush- els	Bush- els	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Canada	307	1,323	1,059	841	1,571	4.9	7.3	7.2	7.6	7.8	1,508	9,668	7,593	6,403	12,241
Mexico	16	56	65	73	78	6.9	9.9	10.8	10.7	11.6	111	555	703	6,789	902
United States	1,451	2,610	3,785	2,432	4,026	7.6	8.3	9.1	9.3	9.9	10,991	21,665	34,557	22,585	39,763
Total <sup>1</sup>	1,800	4,000	5,000	3,400	5,700						12,700	31,900	43,000	29,800	53,000
Europe:															
Austria <sup>4</sup>	5	14	7	5	6	7.1	10.5	5.7	8.4	7.6	36	144		40	45
Belgium <sup>4</sup>	75	26	60	78	69	8.9	7.3	9.1	8.0	7.2	664	189	548	617	493
Bulgaria	48	25	511	5.2	5.8	6.5	6.3	5.4	5.5	6.1	52	157	61	10	47
Czechoslovakia <sup>4</sup>	635	747	1,50	7.50	46	6.9			5.6	4.0	6243			277	185
Finland <sup>4</sup>	9	23	25					4.5					113		
France <sup>4</sup>	92	104	83	81	88	5.0	4.9	4.7	4.9	4.0	464	512	433	394	350
Germany <sup>4</sup>	65	110				10.7	10.7				696	1,176			
Hungary	28		5	8	18	10.3		9.0	12.3	8.1	283		43	94	148
Italy	16	454	432	433	31	12.6	5.9	3.3	7.6	12.3	202	320	172	252	385
Netherlands <sup>4</sup>	42	29	23	31	33	13.0	10.4	10.5	10.2	11.7	546	300	245	314	384
Poland <sup>4</sup>	6158			55	100	10.0			4.1	4.0	61,578			225	400
Rumania <sup>4</sup>	42	81	82	50	22	6.5	4.0	2.9	2.7	2.75	323	323	234	137	
Sweden		30	38	22	39		18.2	20.0	16.7	16.6		548	764	360	646
United Kingdom		2	14	10	11		20.0	24.0	9.1	20.0		280	240	100	760
Yugoslavia <sup>4</sup>	33					1.6					52				
Total Europe (excluding U. S. S. R.) <sup>3</sup>	650	800	650	550	650						5,300	5,800	4,500	3,500	4,900
U. S. S. R. (Europe and Asia) <sup>4</sup>	66,434			2,656	3,353	5.1			4.2	4.5	632,115			11,257	15,230
Asia:															
Turkey <sup>4</sup>	48	35	37	55	70	7.3	11.7	3.7	5.3	10.0	349	408	139	296	707
India <sup>4</sup>	3,885	3,533	3,465	3,334	3,288	4.7	4.3	4.5	4.4	4.2	18,096	15,240	15,680	14,520	13,960
Japan <sup>4</sup>	50	98	95	67	75	4.2	2.8	4.4			211	275	420		
Total Asia (excluding U. S. S. R. and China) <sup>3</sup>	4,100	3,900	3,850	3,700	3,700						19,000	16,200	16,600	15,540	15,300

South America:	6,077	3,098	3,420	3,798	3,385	9.8	10.0	11.1	10.7	9.3	59,571	30,967	37,955	40,730	31,494
Argentina.....														730	1,200
Brazil.....	<sup>10</sup> 5	15	12	13	13	8.2	9.4	12.5	13.3	13.4	<sup>10</sup> 37	137	151	170	168
Chile <sup>4</sup> .....	407	403	592	300	464	9.6	10.1	8.7	9.5	8.8	3,894	4,059	5,159	2,843	4,084
Uruguay.....															
Total <sup>3</sup> .....	6,600	4,000	4,200	4,300	4,000						64,200	35,900	44,000	44,500	37,000
Africa:															
Egypt <sup>4</sup> .....	7	30	7	4	11	12.4	10.6	10.9	12.0	12.7	87	323	77	43	134
French Morocco.....	51	79	93	32	74	7.1	3.7	1.4	7.4	5.3	362	289	134	238	394
Total <sup>3</sup> .....	65	120	115	50	100						500	650	240	320	600
Oceania: New Zealand.....	1	4	10	14	10	14.2	11.4.3	11.4.3			17	12 130	19 173		
Total <sup>3</sup> .....	3	65	70	75	85						24	150	200	250	350
World total (excluding China).....	19,700	14,950	16,150	14,800	17,600						133,850	98,850	117,600	105,100	126,400

<sup>1</sup> Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere countries in 1947 is combined with the Southern Hemisphere harvest, which began late in 1947 and ended early in 1948.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

<sup>4</sup> Acreage includes area for fiber.

<sup>5</sup> Includes acreage utilized for combined plantings but excludes acreage planted for fiber production only.

<sup>6</sup> Average of less than 5 years.

<sup>7</sup> Sown area.

<sup>8</sup> Flax and hemp.

<sup>9</sup> Officially reported figures plus Indian official estimates for unreported tracts except in the years 1944-47 inclusive, when no estimates for unreported tracts were available.

<sup>10</sup> 1935 only.

<sup>11</sup> Yield calculated from seed acreage only.

<sup>12</sup> Includes seed from fiber flax.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 174.—*Flaxseed: Receipts graded by licensed inspectors, by grades, United States, 1937-46*

Year beginning August—	No. 1	No. 2	Sample	Total	Year beginning August—	No. 1	No. 2	Sample	Total
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1937-----	7,356	256	127	7,739	1942-----	25,127	3,582	2,029	30,738
1938-----	7,600	79	108	7,787	1943-----	33,619	2,170	1,118	36,907
1939-----	15,847	213	115	16,175	1944-----	19,305	1,717	608	21,630
1940-----	20,107	2,148	2,226	24,481	1945 <sup>1</sup> -----	31,151	683	457	32,291
1941-----	19,723	2,921	1,831	24,475	1946 <sup>1</sup> -----	16,265	1,128	200	17,593

<sup>1</sup> Year beginning July.

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,200 bushels per car for the years 1937-43 and 1,600 bushels for the years 1944-46.

TABLE 175.—*Flaxseed crushed, and production, imports, and exports of linseed oil, cake and meal, United States, 1938-47*

Year beginning July—	Flaxseed crushed					Linseed oil			Linseed cake and meal		
	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	Total <sup>1</sup>	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 tons	1,000 tons	1,000 tons
1938-----	5,043	7,206	7,112	6,207	25,569	501,545	64	815	451	9	268
1939-----	6,814	8,736	7,892	6,637	30,078	579,056	18	4,552	536	2	214
1940-----	6,948	10,083	10,226	9,386	36,643	707,230	69	5,262	652	1	4
1941-----	12,175	13,070	13,425	12,526	51,195	988,287	56	41,285	911	( <sup>2</sup> )	7
1942-----	11,658	12,255	10,679	9,665	44,257	849,160	55,584	83,764	790	( <sup>2</sup> )	10
1943-----	12,103	15,484	14,527	12,488	54,602	1,046,972	84,580	294,359	975	1	1
1944-----	13,324	8,534	6,428	4,575	32,861	633,109	27,112	185,778	585	10	1
1945-----	5,872	9,710	7,099	6,670	29,351	588,520	105,452	<sup>3</sup> 52,648	511	3	( <sup>2</sup> )
1946-----	8,840	6,268	4,908	4,581	24,597	485,354	168,251	933	432	( <sup>2</sup> )	2
1947 <sup>4</sup> -----	5,392	8,521	7,835	8,335	30,083	595,137	13,796	<sup>3</sup> 41,678	528	7	13

<sup>1</sup> Each quarterly and annual figure is rounded directly from original data stated in tons.

<sup>2</sup> Less than 500 tons.

<sup>3</sup> Includes 32,606,000 pounds reported in imports for consumption and in re-exports in 1945; 14,118,000 pounds in 1947.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Crushings and production of oil from reports of the Bureau of the Census, Animal and Vegetable Fats and Oils. Production of linseed cake and meal computed by the Department of Agriculture. Trade figures from Monthly Summary of Foreign Commerce of the United States, and records of the Bureau of the Census. Data for earlier years in 1934 Yearbook, table 91, and Agricultural Statistics, 1944, table 160.

TABLE 176.—*Linseed oil and meal: Average price at New York and Minneapolis, 1938-47*

Year beginning July—	Oil, per pound		Meal, per ton		Year beginning July—	Oil, per pound		Meal, per ton	
	New York <sup>1</sup>	Minneapolis <sup>2</sup>	New York <sup>3</sup>	Minneapolis <sup>4</sup>		New York <sup>1</sup>	Minneapolis <sup>2</sup>	New York <sup>3</sup>	Minneapolis <sup>4</sup>
	Cents	Cents	Dollars	Dollars		Cents	Cents	Dollars	Dollars
1938-----	8.8	8.4	41.47	38.56	1943-----	15.2	14.4	49.00	45.33
1939-----	10.1	9.6	35.46	31.78	1944-----	15.1	14.3	49.00	45.50
1940-----	9.5	8.6	25.35	27.04	1945-----	<sup>5</sup> 15.5	14.3	51.04	47.50
1941-----	12.1	11.1	34.24	37.42	1946-----	30.7	29.9	86.40	80.65
1942-----	14.2	13.3	42.91	42.43	1947-----	30.8	29.5	93.68	84.66

<sup>1</sup> Raw oil, drums, carlots; prior to May 1940 reported in barrels.

<sup>2</sup> Raw oil in tank cars.

<sup>3</sup> Bagged, carlots, 34 percent protein; prior to January 1943 protein content varied from 30 to 34 percent.

<sup>4</sup> Bagged, carlots, 32 to 34 percent protein; prior to October 1944 protein content varied from 34 to 37 percent.

<sup>5</sup> Nonreturnable drums.

Bureau of Agricultural Economics. Compiled from reports of the Production and Marketing Administration, Minneapolis Daily Market Record, and the Oil, Paint and Drug Reporter, New York City.

TABLE 177.—*Olive oil, edible: Estimated commercial production in specified foreign countries, averages 1931-35 and 1936-40, annual 1943-48*<sup>1</sup>

Country	Averages		1943	1944	1945	1946	1947 <sup>2</sup>	1948 <sup>2</sup>
	1931-35	1936-40						
Algeria-----	19.8	15.4	17.6	20.9	16.5	8.8	22.0	14.6
France-----	8.4	9.5	4.2	4.4	9.0	5.5	4.4	5.5
French Morocco-----	11.2	9.9	13.2	9.9	7.6	5.5	19.8	20.0
Greece-----	125.7	106.3	91.5	88.9	67.1	107.0	91.3	159.8
Italy-----	204.6	236.4	198.6	197.0	264.4	110.0	165.0	284.0
Libya-----	2.6	2.4	1.3	1.6	2.2	3.0	2.0	1.0
Palestine-----	2.3	7.4	10.4	10.9	3.0	11.7	1.6	3.3
Portugal-----	46.7	62.1	41.4	95.1	39.3	43.8	49.5	98.0
Spain-----	316.7	408.2	264.0	440.0	242.0	176.0	385.0	579.0
Syria and Lebanon-----	11.8	13.5	19.8	11.8	11.9	23.0	10.1	28.0
Tunisia-----	54.5	49.5	55.0	38.5	82.5	7.7	22.0	20.0
Turkey-----	27.7	31.8	35.2	27.5	26.4	35.2	35.2	66.0
Yugoslavia-----	3.8	4.5	3.0	3.3	33.0	5.3	5.3	3.0
Total-----	835.8	956.9	755.2	949.8	804.9	542.7	813.2	1,282.2

<sup>1</sup> Most of the production occurs in the year specified, although in some countries it begins in November or December of the preceding year.

<sup>2</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from trade reports and official sources. Some figures revised from those shown in Agricultural Statistics, 1947.

TABLE 178.—*Peanuts: Acreage, yield, production, season average price per pound received by farmers, value, and foreign trade, United States, 1929-47*

Crop of—	Acreage grown alone for all purposes	Total planted acreage <sup>1</sup>	Acreage not picked and threshed <sup>2</sup>	Peanuts picked and threshed <sup>3</sup>					Foreign trade, year beginning July <sup>4</sup>		
				Acreage harvested	Yield per acre	Production	Price	Farm value	Domestic exports	Imports	Net imports <sup>5</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	1,000 pounds	Cents	1,000 dollars	Pounds	Pounds	Pounds
1929-----	1,627	2,064	802	1,262	711.7	898,197	3.73	33,533	3,679	15,437	9,844
1930-----	1,433	1,881	808	1,073	649.9	697,350	3.51	24,462	2,645	14,040	8,758
1931-----	1,773	2,299	859	1,440	733.2	1,055,815	1.62	17,144	3,345	2,304	<sup>6</sup> 2,715
1932-----	2,042	2,649	1,148	1,501	627.0	941,195	1.55	14,587	5,128	358	<sup>6</sup> 4,992
1933-----	1,717	2,350	1,133	1,217	673.5	819,620	2.85	23,328	1,103	<sup>7</sup> 603	<sup>6</sup> 503
1934-----	2,015	2,627	1,113	1,514	670.0	1,014,385	3.28	33,293	301	365	64
1935-----	1,972	2,546	1,049	1,497	770.1	1,152,795	3.14	36,181	284	315	31
1936-----	2,127	2,741	1,081	1,660	759.0	1,260,020	3.72	46,931	256	2,046	1,790
1937-----	1,967	2,542	1,004	1,538	801.5	1,232,755	3.30	40,630	741	<sup>8</sup> 3,480	<sup>8</sup> 2,739
1938-----	2,236	2,803	1,111	1,692	761.7	1,288,740	3.27	42,126	605	8,462	7,857
1939-----	2,563	3,106	1,198	1,908	636.0	1,213,110	3.40	41,224	601	8,661	8,060
1940-----	2,599	3,108	1,056	2,052	861.0	1,766,590	3.33	58,850	637	6,409	5,772
1941-----	2,451	2,945	1,045	1,900	776.0	1,475,205	4.66	68,746	6,071	2,834	<sup>6</sup> 3,237
1942-----	4,329	4,701	1,346	3,355	654.0	2,192,800	6.08	133,248	3,224	4,024	800
1943-----	4,775	5,150	1,622	3,528	617.0	2,176,420	7.12	155,025	20,625	1,860	<sup>6</sup> 18,765
1944-----	3,831	4,113	1,045	3,068	678.0	2,080,825	8.04	167,352	21,692	56,276	34,584
1945-----	3,844	4,100	940	3,160	646.0	2,042,235	8.27	168,878	67,767	33,279	<sup>6</sup> 34,488
1946-----	3,917	4,173	1,031	3,142	649.0	2,038,355	9.10	185,399	248,711	3	<sup>6</sup> 248,708
1947 <sup>9</sup> -----	4,121	4,375	986	3,389	646.0	2,187,985	10.1	220,975			

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres.

<sup>2</sup> Mostly hogged.

<sup>3</sup> For data on peanut vine hay, see table 369.

<sup>4</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues; trade data are on the basis of "in the shell," converted at ratio of 1 to 1½; beginning 1945, at 1 to 1.55.

<sup>5</sup> Re-exports taken into consideration in years 1929 to 1932 inclusive.

<sup>6</sup> Net exports.

<sup>7</sup> Imports for consumption beginning 1933.

<sup>8</sup> Excludes 3,371,850 pounds "free for export."

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 239.

TABLE 179.—Peanuts 1: Acreage and production in specified areas, year of harvest, average 1935-39, annual 1943-47

Continent and country	Acreage 2					Production						
	Average 1935-39	1943	1944	1945	1946	1947 3	Average 1935-39	1943	1944	1945	1946	1947 3
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
<b>North America:</b>												
Mexico.....	33	114	108	3,160	3,142	3,389	12.2	51.1	42.6	38.6	49.6	49.6
United States.....	1,659	3,492	3,068	3,118	75	86	614.7	1,088.2	1,040.4	1,021.1	1,019.2	1,425.8
Cuba.....		133	97	44	29	43	48.4	35.0	25.0	23.5	29.0	23.5
Dominican Republic.....		31	30				43.8	8.4	4.6	10.0	8.9	9.0
Total 5.....	1,800	3,800	3,300	3,400	3,300	3,630	640.0	1,186.0	1,116.0	1,098.0	1,112.0	1,214.0
<b>Europe:</b>												
Bulgaria 6.....	5	4	2	3	4	4	2.2	.9	.6	.5	1.3	1.3
Italy.....	4.2	7	6	7	7	11	4.1	5.5	3.9	4.9	4.4	7.9
Spain.....	7.24	19	15	15			7	23.3	11.0	10.4		
Total 5.....	35	35	25	30	35	40	28.0	20.0	16.0	16.0	22.0	26.0
<b>U. S. S. R. (Europe and Asia).....</b>	<b>4.29</b>											
<b>Asia:</b>												
Turkey.....	7.3	7	5	4	4	4	1.7	3.6	2.5	1.8	1.9	1.9
Burma.....	784	726	559	510	510	688	192.2	100.0	126.6	110.2	110.2	171.4
China proper 8.....	4,639	3,146	3,203	3,214	3,225	3,215	4,291.3	2,374.5	2,398.2	2,342.6	2,425.4	2,448.0
Manchuria.....		4.7	7	7	7	7	4.5	4.7	6.1	6.1	6.1	6.1
French India.....	42	116	98	10,273	9,990	10,000	16.0	31.0	23.0	3.881.9	3,911.0	4,000.0
French Indochina.....	7,535	9,808	10,574				3,295.7	4,281.8	4,318.7	19.8	19.8	
India.....	4.19						14.6	19.4	23.9	22.7		
Japan.....	4.77						57.7					
Formosa.....	4.01						491.1					
Kwantung Leased Territory.....	572	718	432	221	326	464	289.1	348.6	179.1	92.4	116.6	215.5
Netherlands Indies 10.....	18						4.7					
Philippine Islands.....												
Total 5.....	13,200	15,100	15,500	14,800	14,600	15,000	7,040.0	7,423.0	7,302.0	6,683.0	6,800.0	7,074.0
<b>South America:</b>												
Argentina.....	4.207	269	359	351	381	294	87.3	105.9	219.2	174.4	153.3	117.8
Brazil.....		29	14	14	15	15	7	14.8	46.0	27.6	34.5	55.1
Paraguay.....	4.29	17	12	15	15	21	4	21.7	4.4	4.8	5.0	3.9
Uruguay.....	5	15	15	15	15	21	1.2	2.0	3.9	5.4	4.8	4.8
Total 5.....	400	500	600	550	600	600	129.0	166.0	280.0	220.0	205.0	189.0



Africa:																									
Anglo-Egyptian Sudan.....	43	58	55				8.1	11.3	11.5																
Belgian Congo.....	7 245				554		7 65.1																		
Tanganyika.....	4 277						9 23.4	8.1	5.6													3.2			
Uganda.....	4 156			286			11.2.2	11.8	11.8													6.7			
Gambia.....							9 95.1															63.2			
Egypt.....	23	26	27	25	25	26	17.2	18.6	22.0	20.7												16.9			
French Equatorial Africa and Cameroun.....	4 388						7 58.8																		
French West Africa.....	4 2, 985						4 875.9	398.0	351.3	506.0													559.4		
Madagascar.....	14	19	27	31	30	25	6.6	6.6	7.7	8.8													8.8		
Mozambique.....							9 42.9	13.2	12.5	9 28.2														24.2	
Nigeria and Cameroons.....					2, 500		9 354.7	500.0	400.0	616.0														560.0	
Angola.....	18				21	21	6.2	5.8	7.6	8.4														1.7	
Portuguese Guinea <sup>9</sup> .....							28.0	38.9	22.2	40.1														1.1	
Union of South Africa <sup>12</sup> .....	56					100	12.0	12.8	14.4	4.8														31.5	
Total <sup>5</sup> .....	6,120	5,000	4,500	6,500	6,500	7,000	1,673.0	1,246.0	1,068.0	1,500.0														1,665.0	
Oceania: Australia.....	4 14	16	16	19	19	40	4 6.1	7.2	8.7	11.5														22.4	
Total <sup>5</sup> .....	15	20	20	25	30	45	7.0	8.0	9.0	12.5														23.0	
World total.....	21,600	24,500	24,000	25,400	25,200	26,400	9,532.0	10,058.0	9,800.0	9,544.0															10,210.0

<sup>1</sup> Peanuts in the shell. Southern Hemisphere peanut crops, which are harvested from April to June, are combined with those of the Northern Hemisphere harvested from September through December of the same year.

<sup>2</sup> Figures refer to harvested areas as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> Average of less than 5 years.

<sup>5</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

<sup>6</sup> Beginning with 1943, figures include Southern Dobrudja.

<sup>7</sup> 1 year only.

<sup>8</sup> Partly estimated prior to 1946.

<sup>9</sup> Export figures.

<sup>10</sup> Java and Madura.

<sup>11</sup> Exports from Kenya and Uganda.

<sup>12</sup> European farms only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information.

TABLE 180.—Peanuts: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Peanuts picked and threshed <sup>4</sup>														
	Total planted acreage <sup>1</sup>			Acreage not picked and threshed <sup>3</sup>			Acreage harvested			Yield per acre		Production		Price for crop of	
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
Virginia.....	1,000 acres	1,000	1,000	1,000 acres	1,000	1,000	1,000 acres	1,000	1,000	Lb.	Lb.	Lb.	1,000 pounds	1,000 pounds	Cents
North Carolina.....	152	164	4	2	148	150	162	148	150	1,220	1,276	1,030	169,892	191,250	10.9
Tennessee.....	280	318	321	18	262	295	301	262	295	1,168	925	1,030	304,772	310,030	10.2
	9	5	5	9	9	5	5	9	5	722	850	800	6,322	4,000	10.6
Total (Virginia-North Carolina area)	441	475	490	22	419	450	468	419	450	1,151	1,041	1,093	480,986	511,670	10.3
South Carolina.....	35	31	30	8	26	26	26	26	26	622	650	550	15,831	16,900	11.0
Georgia.....	1,252	1,567	1,571	449	803	1,070	1,124	803	1,070	708	670	695	561,373	716,900	8.9
Florida.....	337	320	336	247	320	320	320	320	320	639	465	660	57,400	46,500	8.3
Alabama.....	598	625	619	211	388	472	463	388	472	698	550	630	269,178	259,600	8.4
Mississippi.....	39	22	21	12	26	15	15	26	15	401	350	325	10,584	5,250	9.5
Total (Southeastern area).....	2,201	2,565	2,577	928	1,333	1,683	1,733	1,333	1,683	693	621	670	914,426	1,045,150	10.0
Arkansas.....	56	18	17	34	22	9	8	22	9	368	375	350	7,882	3,375	8.8
Louisiana.....	32	11	12	21	12	4	5	12	4	356	280	300	4,118	1,120	6.1
Oklahoma.....	151	244	346	34	117	221	325	448	530	446	530	450	51,726	117,130	10.8
Texas.....	585	852	910	107	478	757	836	478	757	446	515	420	208,946	395,005	8.7
New Mexico.....	57	8	14	-----	57	8	14	57	8	1,031	1,025	950	16,836	8,200	9.0
Total (Southwestern area).....	829	1,133	1,308	196	634	1,009	1,188	634	1,009	445	520	433	277,458	524,830	8.63
United States.....	3,531	4,173	4,375	1,145	2,386	3,142	3,389	1,145	2,386	719	649	646	1,672,870	2,038,355	9.10

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres. Total production may be approximated by multiplying total acreage (each State) by yield per acre of peanuts picked and threshed.

<sup>2</sup> Preliminary.

<sup>3</sup> Mostly hogged.

<sup>4</sup> For data on peanut-vine hay, see table 369.

<sup>5</sup> Short-time average.

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TABLE 181.—*Peanuts: Production and farm disposition, United States, 1938-47*

Crop of—	Production, picked and threshed	Total used for seed	Farm disposition			
			Sold <sup>1</sup>	Used on farms where grown		
				For seed	Fed and lost	Household use
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	1,288,740	144,700	1,135,872	94,215	16,980	41,673
1939.....	1,213,110	145,608	1,058,590	89,535	20,185	44,800
1940.....	1,766,590	150,554	1,602,706	104,624	20,735	38,525
1941.....	1,475,205	266,449	1,292,664	132,131	17,087	33,323
1942.....	<sup>2</sup> 2,192,870	287,920	1,942,905	177,765	30,275	41,925
1943.....	<sup>2</sup> 2,176,500	239,503	1,970,139	150,555	14,962	40,844
1944.....	2,080,825	240,097	1,870,095	152,828	23,792	34,110
1945.....	2,042,235	232,101	1,840,052	147,478	22,615	32,090
1946.....	2,038,355	245,200	1,824,043	154,435	25,985	33,892
1947 <sup>3</sup> .....	2,187,985	.....	.....	.....	27,080	34,625

<sup>1</sup> Farm sales weight basis and includes seed sold.<sup>2</sup> Unrevised; see also table 178.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-37 in Agricultural Statistics 1942, table 239.

TABLE 182.—*Farmers' stock peanuts crushed, disappearance of oil stock, production and disappearance of, and foreign trade in, crude peanut oil and meal, United States, 1938-46*

Year beginning September—	Farmers' stock peanuts crushed	Disap- pearance of shelled oil stock	Production		Disappearance <sup>1</sup>		Foreign trade, year beginning September <sup>2</sup>		
			Crude peanut oil	Peanut cake and meal	Crude peanut oil	Peanut cake and meal	Peanut oil		Peanut cake and meal, imports
							Imports	Exports	
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	260,855	28,683	85,135	130,110	84,905	131,118	13,509	<sup>5</sup> 3,118	20,562
1939.....	72,666	33,581	32,483	59,131	31,619	55,620	3,320	4,540	19,859
1940.....	557,855	34,641	173,943	267,770	177,386	259,053	2,341	3,922	15,754
1941.....	220,217	29,152	76,548	114,382	74,485	126,439	3,309	.....	13,945
1942.....	390,690	43,546	130,558	200,810	129,662	207,429	45	860	8,285
1943.....	408,186	<sup>5</sup> 54,058	135,094	216,367	135,150	215,291	7	172	7,498
1944.....	119,494	<sup>6</sup> 214,414	113,216	187,642	115,334	191,630	0	148	5,187
1945.....	90,204	<sup>6</sup> 193,205	99,575	161,640	97,464	161,140	64	499	5,988
1946.....	263,280	<sup>5</sup> 181,412	139,161	228,791	140,766	228,815	107	1,274	3,098

<sup>1</sup> Disappearance at producing mills only.<sup>2</sup> Foreign trade data from Monthly Summary of Foreign Commerce of the United States and official records of the Department of Commerce.<sup>3</sup> Jan.-Aug. 1939.<sup>4</sup> Beginning July 1, 1941, exports reported as peanut oil, edible, and peanut oil, crude; in this tabulation they are added without converting.<sup>5</sup> Includes edible grade shelled peanuts diverted to crushing.

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TABLE 183.—*Peanuts and products: Stocks on hand in commercial positions, United States, Sept. 1, 1938-47*

Sept. 1	Farmers' stock pea- nuts	Shelled edi- ble peanuts	Cleaned pea- nuts (in shell)	Shelled oil stock	Crude pea- nut oil <sup>1</sup>	Peanut cake or meal <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	41,381	62,123	8,699	1,468	3,564	12,092
1939.....	26,607	32,807	8,598	1,448	3,794	11,084
1940.....	75,392	61,532	8,923	2,448	4,658	14,595
1941.....	48,467	87,423	12,615	1,289	1,215	23,312
1942.....	30,942	51,073	6,478	1,475	3,663	11,255
1943.....	58,063	98,275	10,894	2,162	4,559	4,636
1944.....	55,259	105,332	15,157	12,246	4,493	5,712
1945.....	39,671	94,366	12,526	14,731	2,375	1,724
1946.....	35,539	150,541	19,551	7,178	4,456	2,224
1947.....	29,448	101,989	7,577	10,178	2,881	2,003

<sup>1</sup> Holdings at producing mills only.

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TABLE 184.—Farmers' stock peanuts milled: Production and disappearance of items from cleaning and shelling operations, United States, 1938-46

Year beginning September—	Farmers' stock peanuts milled			Outturn from cleaning and shelling operations			Disappearance <sup>2</sup>		
	Cleaned and shelled	Crushed	Total	Cleaned goods (in shell)	Shelled goods <sup>1</sup>		Cleaned goods (in shell)	Shelled goods	
					Edible grade	Oil stock		Edible grade	Oil stock
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	795,163	260,855	1,056,018	70,298	445,667	28,663	70,399	474,983	28,683
1939.....	876,436	72,666	949,102	67,056	514,507	34,581	66,731	485,782	33,581
1940.....	991,363	557,855	1,549,218	75,137	584,385	33,482	71,445	558,494	34,641
1941.....	909,611	220,217	1,129,828	61,302	543,441	29,338	67,439	579,791	29,152
1942.....	1,358,594	390,690	1,749,284	63,360	843,293	44,233	58,944	796,091	43,546
1943.....	1,371,535	408,186	1,779,721	83,191	799,118	64,142	78,928	792,061	54,058
1944.....	1,573,636	119,494	1,693,130	102,492	833,554	183,957	105,123	844,520	214,414
1945.....	1,600,230	90,204	1,690,434	92,177	869,431	185,652	85,152	813,256	193,205
1946.....	1,388,437	263,280	1,651,717	71,126	718,415	184,412	83,100	766,967	181,412

<sup>1</sup> Edible grades crushed included in oil stock.

<sup>2</sup> These figures take into account the stocks at beginning and ending of the year as shown in table 183. These figures include exports.

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TABLE 185.—Peanuts (farmers' stock): Average price per pound to growers, f. o. b. country-shipping-point basis, 1937-46

Crop year <sup>1</sup>	Virginia-type Bunch (Va.-N. C.)	Southeastern Runner	Southeastern Spanish	Southwestern Spanish	Crop year <sup>1</sup>	Virginia-type Bunch (Va.-N. C.)	Southeastern Runner	Southeastern Spanish	Southwestern Spanish
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1937.....	3 $\frac{3}{4}$	2.6	2.9	3.0	1942.....	8.2	7.2	8.0	7.4
1938.....	3 $\frac{3}{8}$	2.5	3.0	2.9	1943.....	7.6	6.8	7.4	6.8
1939.....	3 $\frac{3}{8}$	2.5	3.1	3.2	1944.....	8.7	7.6	8.4	8.2
1940.....	4 $\frac{3}{8}$	2.9	3.4	3.1	1945.....	8.0	7.8	8.6	8.3
1941.....	6 $\frac{1}{4}$	5.1	6.0	4.5	1946.....	10.4	8.4	9.4	8.4

<sup>1</sup> Crop year begins about Nov. 1 in the Virginia-North Carolina section; in September, in the Southeastern States, and in August in the Southwestern States.

<sup>2</sup> Virginia crop was purchased on basis of percentage of sound mature kernels, without reference to Jumbos or Bunch.

Production and Marketing Administration.

TABLE 186.—Peanut oil and meal: Average price at specified markets, 1938-47

Year beginning October—	Oil, per pound			Year beginning October—	Oil, per pound		
	Crude, f.o.b. southeastern milling points <sup>1</sup>	Refined edible, New York <sup>2</sup>	Meal per ton <sup>3</sup>		Crude, f.o.b. southeastern milling points <sup>1</sup>	Refined edible, New York <sup>2</sup>	Meal per ton <sup>3</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>		<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>
1938.....	5.9	9.4	22.06	1943.....	13.0	16.4	53.00
1939.....	6.2	9.4	29.36	1944.....	13.0	16.5	53.08
1940.....	7.8	10.6	25.55	1945.....	13.0	16.5	61.10
1941.....	12.7	16.6	40.57	1946.....	25.9	33.2	74.10
1942.....	13.0	16.6	40.57	1947.....	27.4	35.2	83.20

<sup>1</sup> Quoted in tanks.

<sup>2</sup> Quoted in barrels through April 1943; beginning May 1943 in drums.

<sup>3</sup> 45 percent protein.

Bureau of Agricultural Economics. Compiled from reports of the Production and Marketing Administration the New York Journal of Commerce, and the Oil, Paint, and Drug Reporter, New York City.

TABLE 187.—Peanuts: Average price per pound of cleaned and shelled peanuts for prompt shipment, f. o. b. important shipping points, 1937-46, by approximate crop years<sup>1</sup>

VIRGINIA-NORTH CAROLINA SECTION: VIRGINIA AND NORTH CAROLINA

Classification	1937	1938	1939	1940	1941	1942 <sup>2</sup>	1943 <sup>2</sup>	1944 <sup>2</sup>	1945 <sup>2</sup>	1946 <sup>2</sup>
Cleaned Virginia:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Jumbos.....	6½¢	7¾¢	6¾¢	6.8	9¼¢	14¾¢	15¼¢	15¼¢	15¼¢	19½¢
Fancys.....	5½¢	5½¢	5½¢	6½¢	8¾¢	14¼¢	15	15.1	15½¢	17¾¢
Shelled Virginia:										
Extra large.....	7¼¢	7¾¢	8.10	8.9	12¾¢	16¾¢	16¼¢	16¼¢	16¾¢	22¼¢
No. 1.....	5¾¢	6	5½¢	6½¢	12¼¢	14¾¢	14½¢	14½¢	14¾¢	17¼¢
No. 2.....	5	5¼¢	5	5½¢	10½¢	13½¢	14.1	( <sup>3</sup> )	-----	14½¢

SOUTHEASTERN SECTION: GEORGIA, ALABAMA, AND FLORIDA

Shelled:										
Spanish, No. 1.....	5¼¢	5½¢	5½¢	5½¢	10½¢	13.7	14.2	14¼¢	14¾¢	15¾¢
Spanish, No. 2.....	4¾¢	4¾¢	5.10	5.3	9½¢	13.2	13.6	( <sup>3</sup> )	-----	-----
Runner No. 1.....	5	5	5½¢	5½¢	10	13.3	13.9	14	14	15½¢
Runner, No. 2.....	4¾¢	4¾¢	5	5.2	9½¢	12.8	13.2	( <sup>3</sup> )	-----	-----

SOUTHWESTERN SECTION: TEXAS AND OKLAHOMA

Shelled:										
Spanish, No. 1.....	5½¢	5½¢	6	5.7	9½¢	13.9	14½¢	14½¢	14½¢	15½¢
Spanish, No. 2.....	5¼¢	5½¢	5½¢	5½¢	8½¢	13.1	14.2	( <sup>3</sup> )	-----	13½¢

<sup>1</sup> Crop year begins about Nov. 1 in the Virginia-North Carolina section; in September in the Southeastern States, and in August in the Southwestern States.

<sup>2</sup> The Office of Price Administration on Feb. 27, 1943, established per-pound ceiling prices as follows: Virginia-North Carolina Jumbos and Fancys, 15¼ cents; shelled Virginia extra large and mediums, 16¼ cents; No. 1's, 14½ cents; Southeastern shelled No. 1 Spanish, 14¼ cents; Runners, 14 cents; Southwestern shelled Spanish No. 1's, 14½ cents. Price ceilings were suspended July 1-26, 1946, and lifted entirely on Sept. 1, 1946.

<sup>3</sup> Under the 1944-45 peanut program, all No. 2's were crushed for oil; sales to the edible trade were forbidden. Production and Marketing Administration.

TABLE 188.—Soybeans for beans: Production and farm disposition, United States, 1938-47

Crop of—	Production	Used for seed		Fed to live-stock	Sold	Crop of—	Production	Used for seed		Fed to live-stock	Sold
		Total	On farms where grown					Total	On farms where grown		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	61,906	14,667	6,036	4,554	51,316	1943.....	190,133	19,578	12,223	5,496	172,414
1939.....	90,141	15,974	8,677	5,365	76,099	1944.....	191,958	18,885	11,505	3,598	176,855
1940.....	78,045	15,141	7,968	4,999	65,078	1945.....	192,076	16,473	9,673	3,724	178,679
1941.....	107,197	20,385	9,860	3,925	93,412	1946.....	201,275	17,137	11,048	2,516	187,711
1942.....	187,524	20,980	10,224	6,016	171,284	1947 <sup>1</sup> .....	181,362	15,534	10,178	2,293	168,891

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 189.—Soybeans: Acreage, yield, production, season average price per bushel received by farmers, value, and foreign trade, United States, 1929-47

Year	Acreage grown alone for all purposes	Total planted acreage <sup>1</sup>	Acreage grazed, plowed under, etc. <sup>2</sup>	Soybeans for beans <sup>3</sup>							Foreign trade, year beginning July	
				Acreage harvested	Yield per acre	Production	Price	Farm value	Domestic exports	Imports		
											1,000 acres	Bushels
1929	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	1,000 bushels	1,000 bushels		
1929	1,962					8,661						
1929	2,429	2,807	325	708	13.3	9,438	1.88	17,736		75		
1930	3,072	3,473	337	1,074	13.0	13,929	1.37	19,058		50		
1931	3,835	4,304	391	1,141	15.1	17,260	.50	8,589	* 1,853	54		
1932	3,704	4,165	426	1,001	15.1	15,158	.54	8,213	* 2,758	20		
1923	3,537	3,957	407	1,044	12.9	13,509	.94	12,698		6		
1934	6,692					23,015						
1934	5,764	6,207	424	1,556	14.9	23,157	.99	23,014	* 19	5		
1935	6,966	7,503	544	2,915	16.8	48,901	.73	35,565	* 3,153	4		
1936	6,127	7,183	1,708	2,359	14.3	33,721	1.27	42,857	* 1	17		
1937	6,332	7,464	1,409	2,586	17.9	46,164	.85	39,091	1,332	3		
1938	7,318	8,587	1,828	3,035	20.4	61,906	.67	41,645	3,571	2		
1939	8,965					87,591						
1939	9,565	10,920	2,015	4,315	20.9	90,141	.81	73,049	11,833	2		
1940	10,487	11,782	2,156	4,807	16.2	78,045	.90	70,224	85	1		
1941	10,068	11,345	1,910	5,889	18.2	107,197	1.55	166,042	540	( <sup>5</sup> )		
1942	13,696	14,912	2,397	9,894	19.0	187,524	<sup>6</sup> 1.61	301,137	697	( <sup>5</sup> )		
1943	14,191	15,428	1,854	10,397	18.3	190,133	<sup>6</sup> 1.81	345,032	961	( <sup>5</sup> )		
1944	12,407					187,726						
1944	13,118	14,050	1,235	10,232	18.8	191,958	<sup>6</sup> 2.05	393,474	2,956	( <sup>5</sup> )		
1945	13,007	13,777	1,177	10,661	18.0	192,076	2.08	399,698	5,066	4		
1946	11,662	12,427	1,088	9,806	20.5	201,275	2.57	516,355	3,104	( <sup>5</sup> )		
1947 <sup>7</sup>	12,894	13,654	1,157	11,125	16.3	181,362	3.28	595,480				

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres.<sup>2</sup> For data on soybean hay, see table 369.<sup>3</sup> Inspections for export by Federal licensed inspectors; first reported in October 1931.<sup>4</sup> Not separately classified by Department of Commerce prior to Jan. 1, 1937.<sup>5</sup> Less than 500 bushels.<sup>6</sup> Includes an allowance for unredeemed loans at average loan value.<sup>7</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Most of the foreign trade data from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 247.

TABLE 190.—Soybeans: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Total planted acreage 1			Acreage grazed, plowed under, etc. 3			Soybeans for beans 3								
	1946		1947 2	1936-45		1946	1947 2	Yield per acre		Production		Price for crop of—			
	Aver- age 1936-45	1,000 acres	1,000 acres	Aver- age 1936-45	1,000 acres	1,000 acres	1,000 acres	1946	1947 2	Aver- age 1936-45	1946	1947 2	Aver- age 1936-45 4	1946	1947 2
New York	16	10	7	2	10	8	5	14.6	16.0	146	128	75	1.60	2.68	3.05
New Jersey	32	26	25	6	10	9	10	14.8	19.0	146	171	170	1.64	2.75	3.20
Pennsylvania	79	60	50	12	19	21	17	15.3	16.0	286	336	272	1.56	2.81	3.05
Ohio	929	971	1,000	52	8	688	903	19.2	18.0	18.5	13,423	16,575	1.36	2.48	3.30
Indiana	1,347	1,533	1,556	84	23	25	1,374	14.6	17.5	16,294	26,106	24,176	1.35	2.52	3.30
Illinois	3,096	3,524	3,841	141	50	50	3,622	20.6	23.5	50,239	78,020	65,196	1.33	2.52	3.35
Michigan	132	130	90	32	34	6	78	15.8	15.0	1,248	1,290	1,232	1.39	2.59	3.30
Wisconsin	140	67	50	18	28	33	26	14.3	12.5	13.0	410	412	1.46	2.90	3.30
Iowa	254	657	992	529	7	42	142	17.5	17.5	2,023	10,675	13,800	1.40	2.59	3.25
Missouri	1,441	1,578	1,846	57	8	578	1,754	18.0	23.0	20,115	35,604	26,310	1.35	2.66	3.25
Missouri	596	844	959	99	59	59	718	12.8	20.0	4,194	14,360	9,900	1.50	2.55	3.20
North Dakota	5	8	8	1	1	1	5	10.8	11.0	57	66	60	1.92	2.61	3.15
South Dakota	12	21	55	5	2	3	10	13.8	14.5	11.5	276	575	1.65	2.62	3.15
Nebraska	26	25	35	5	5	2	22	13.7	21.0	8.5	355	483	1.46	2.55	3.15
Kansas	138	225	241	16	11	11	98	13.9	21.0	10.0	1,070	1,887	1.46	2.53	3.20
Delaware	53	55	60	6	8	6	28	12.6	15.0	13.0	352	442	1.42	2.53	3.25
Maryland	74	70	70	10	8	6	23	13.4	14.0	13.0	832	1,106	1.46	2.56	3.00
Virginia	191	188	202	47	74	67	60	12.4	13.5	14.0	14	14	1.43	3.14	3.15
West Virginia	47	24	19	5	3	2	1	11.4	13.5	15.0	14	14	1.43	2.71	3.00
North Carolina	563	469	484	172	107	73	196	6.9	10.0	2,72	2,862	3,915	2.41	3.84	4.20
South Carolina	77	71	80	39	31	41	16	6.9	7.0	76	100	170	2.80	4.52	4.60
Georgia	137	80	82	51	39	36	12	6.3	7.0	63	63	98	2.80	4.52	4.60
Kentucky	184	166	183	28	21	22	12	10.9	13.0	583	1,566	1,908	1.50	2.64	3.20
Tennessee	324	281	310	152	146	150	42	13.1	18.0	378	810	930	1.72	2.61	3.20
Alabama	298	245	197	56	40	30	41	7.9	16.0	18.0	161	480	2.46	3.10	3.30
Mississippi	517	298	315	210	85	69	70	10.4	15.0	14.0	806	1,050	1.90	2.88	3.30
Arkansas	438	471	464	165	95	93	133	12.8	18.5	1,787	5,458	3,306	1.61	2.66	3.05
Louisiana	349	296	306	259	222	244	24	12.6	13.0	305	351	300	1.97	3.01	3.50
Oklahoma	22	18	21	9	4	4	4	6.9	6.0	31	36	60	1.75	2.71	3.30
Texas	33	6	6	17	5	4	6	11	5.5	5.5	36	36	1.75	2.71	3.30
United States.....	11,545	12,427	13,654	1,769	1,088	1,157	6,418	18.2	20.5	117,886	201,275	181,362	1.36	2.57	3.28

1 Acres grown alone, plus one-half the interplanted acres.  
 2 Preliminary.  
 3 For data on soybean hay, see table 369.  
 4 For certain years, prices include an allowance for unredeemed loans at average loan value.  
 5 Short-time average.  
 Bureau of Agricultural Economics.

TABLE 191.—Soybeans: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1944-47

Continent and country	Acreage					Yield per acre					Production				
	Average 1935-39	1944	1945	1946	1947 <sup>1</sup>	Average 1935-39	1944	1945	1946	1947	Average 1935-39	1944	1945	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:															
Canada	2 10	35	46	59	49	20.7	18.8	18.3	18.1	16.4	2 207	682	844	1,072	806
United States <sup>2</sup>	3,042	10,232	10,661	9,806	11,125	18.5	18.8	18.0	20.5	16.3	56,167	191,538	192,076	201,275	181,362
Europe:															
Bulgaria	34	15	17	44	71	12.1	9.9	3.3	7.0	3.4	416	153	55	305	243
Hungary	47	62	6	5	8	16.9	14.7	8.6	10.4	11.4	4 125	908	48	46	90
Italy	2 49		2	2	7	9.5	15.4	15.4	15.8	20.9	2 31	22	32	27	150
Rumania	4 607										4 5,805				
U. S. S. R. (Europe and Asia)															
Asia:															
Turkey	41	1	2		5	29.0	26.2	9.0		10.8	4 37	18	18	16	55
China proper (22 provinces) <sup>3</sup>	12,411	10,018	9,987	9,889	9,898	16.7	13.0	16.4	16.5	17.4	207,656	149,956	163,287	163,612	172,207
Manchuria	8,992	8,546	8,107	7,187	6,662	16.8	13.3	15.6	17.1	17.9	151,294	130,425	127,749	122,639	119,039
Japan	2 812	726	684	573		13.4	13.8	9.6	13.3		12,499	10,032	6,551	7,632	
Formosa	1 17					8.9					2 151				
Korea <sup>6</sup>	2 1,921	1,502	661	625	650	10.0	8.5	7.6	8.1	7.7	17,654	12,787	5,007	5,083	4,982
Netherlands Indies <sup>7</sup>	889	458	321	583	700	10.9	8.7	7.0	7.6	9.6	9,731	3,968	2,247	4,406	6,719
World total <sup>8</sup>	20,100	32,400	31,400	29,700	30,800						464,300	506,100	503,800	512,000	500,500

<sup>8</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, or other information. Pre-war estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

<sup>1</sup> Preliminary.

<sup>2</sup> Average of less than 5 years.

<sup>3</sup> Acreage harvested for beans.

<sup>4</sup> 1 year only.

<sup>5</sup> Partly estimated.

<sup>6</sup> Beginning with 1945, figures represent South Korea only.

<sup>7</sup> Java and Madura.



TABLE 192.—Soybeans for beans: Production and farm disposition, by States, crops of 1946 and 1947<sup>1</sup>

State	Crop of 1946					Crop of 1947 <sup>1</sup>				
	Production	Used for seed		Fed to live-stock	Sold	Production	Used for seed		Fed to live-stock	Sold
		Total	On farms where grown				Total	On farms where grown		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
New York.....	128	10	3	74	51	75	10	3	44	28
New Jersey.....	171	45	16	29	126	170	36	13	29	128
Pennsylvania.....	336	90	34	97	205	272	81	32	76	164
Ohio.....	16,254	1,700	1,173	276	14,805	17,575	1,564	1,095	228	16,252
Indiana.....	26,106	2,318	1,623	470	24,013	28,176	2,040	1,428	282	26,466
Illinois.....	78,020	4,993	3,695	234	74,091	65,196	4,443	3,332	196	61,668
Michigan.....	1,290	135	90	84	1,116	1,292	112	78	52	1,162
Wisconsin.....	42	65	32	58	322	338	49	24	41	273
Minnesota.....	10,675	1,091	546	225	9,904	13,800	1,135	624	276	12,900
Iowa.....	35,604	2,400	1,632	356	33,616	26,310	2,016	1,411	316	24,583
Missouri.....	14,360	959	527	72	13,761	9,900	844	464	129	9,307
North Dakota.....	66	9	4	7	55	60	10	5	3	52
South Dakota.....	276	60	27	6	243	575	33	18	12	545
Nebraska.....	483	42	23	7	453	464	37	22	14	428
Kansas.....	2,178	193	116	33	2,029	1,887	149	89	47	1,751
Delaware.....	512	102	71	28	413	546	95	66	22	458
Maryland.....	448	119	71	54	323	442	105	68	53	321
Virginia.....	1,106	263	144	50	912	1,425	263	145	40	1,240
West Virginia.....	14	32	3	4	7	14	27	3	4	7
North Carolina.....	2,862	629	390	100	2,732	3,915	629	409	137	3,369
South Carolina.....	160	64	32	15	113	170	79	40	14	116
Georgia.....	63	66	16	9	38	98	62	16	15	67
Kentucky.....	1,566	274	165	34	1,367	1,908	274	164	38	1,706
Tennessee.....	810	279	126	21	663	930	265	132	23	775
Alabama.....	480	177	35	5	440	738	172	43	11	684
Mississippi.....	1,050	346	173	65	812	1,330	346	173	106	1,051
Arkansas.....	5,458	418	217	44	5,197	3,396	389	214	34	3,148
Louisiana.....	351	245	61	56	234	300	257	64	48	188
Oklahoma.....	36	10	3	3	30	60	10	3	3	54
Texas.....		3					2			
United States.....	201,275	17,137	11,048	2,516	187,711	181,362	15,534	10,178	2,293	168,891

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 193.—Soybeans: Stocks on and off farms, United States, 1942-48

Year	On farms				Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1942.....			8,417	3,100			15,155	2,909
1943.....	88,246	54,399	13,733	4,555	81,407	61,956	33,642	7,982
1944.....	56,211	39,080	10,606	4,612	109,596	69,484	37,188	9,541
1945.....	42,330	27,773	7,598	2,928	115,814	81,888	38,776	4,810
1946.....	43,267	29,872	6,802	2,118	110,650	68,077	30,306	2,208
1947.....	37,374	25,475	6,389	2,236	117,459	75,292	33,651	3,089
1948 <sup>3</sup> .....	50,964	32,647	4,252		90,595	55,516	27,413	

<sup>1</sup> Includes stocks in interior mills, elevators, and warehouses, processing plants, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins.

<sup>2</sup> Includes old crop only.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 194.—Soybeans: Supply and distribution, 1942-48

## SUPPLY

Year beginning October—	Stocks at beginning of period <sup>1</sup>						Production	Total supply
	On farms	Interior mills and elevators	CCC bins	Crushing plants	Terminal markets	Total stocks		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1942.....	3,100	928	0	1,120	861	6,009	187,524	193,533
1943.....	4,555	668	1,819	4,763	732	12,537	190,133	202,670
1944.....	4,612	1,128	1,876	5,214	1,323	14,153	191,958	206,111
1945.....	2,928	447	0	3,548	815	7,738	192,076	199,814
1946.....	2,118	268	0	1,783	157	4,326	201,275	205,601
1947.....	2,236	244	0	2,813	68	5,361	183,558	188,919
1948.....	1,838	128	0	468	130	2,564	220,201	222,765

## DISTRIBUTION

Year beginning October—	Used for seed	Net exports <sup>2</sup>	Crushed for oil <sup>3</sup>	Used for flour <sup>4</sup>		Feed and residual	Total disappear- ance
				Low fat <sup>5</sup>	Full fat		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1942.....	20,980	904	133,453	4,645	1,875	23,784	180,996
1943.....	19,758	934	142,307	4,470	1,605	23,913	188,517
1944.....	18,885	5,053	153,402	1,865	910	20,123	198,373
1945.....	16,473	2,812	159,459	8,278	1,061	15,683	195,488
1946.....	17,137	3,842	170,245	9,193	440	8,576	200,240
1947.....	15,534	2,943	161,374	17,119	162	6,342	186,355

<sup>1</sup> Data on stocks (except at crushing plants) not available prior to 1942.<sup>2</sup> Imports negligible.<sup>3</sup> Reported by the Bureau of the Census.<sup>4</sup> Based on trade reports.<sup>5</sup> Included in crushings, as reported by the Bureau of the Census.

Production and Marketing Administration.

TABLE 195.—Soybeans: Receipts graded by licensed inspectors, by grades, United States, 1940-46

Year beginning October—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Percent</i>
1940.....	555	20,646	22,650	4,182	1,461	49,494	43
1941.....	4,729	18,549	31,292	8,472	4,092	67,134	35
1942.....	12,952	21,488	18,877	14,523	43,043	110,883	31
1943.....	66,525	41,528	13,152	1,831	1,054	124,090	87
1944.....	72,217	47,164	12,754	2,955	1,523	136,613	88
1945.....	99,988	26,873	8,016	2,048	832	137,757	92
1946.....	36,344	57,478	31,101	8,286	1,612	134,821	70

Production and Marketing Administration. The quantity loaded per car varies, but carlot receipts have been converted to bushels on the basis of 1,500 bushels per car for the years 1940-43 and 1,650 bushels for the years 1944-46.

TABLE 196.—Soybeans crushed, and production, imports, and exports of soybean oil, cake and meal, United States, 1937-47

Year beginning October—	Soybeans crushed					Soybean oil, crude basis			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total <sup>1</sup>	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 tons	1,000 tons	1,000 tons
1937-----	7,857	8,932	6,925	6,596	30,310	279,279	3,198	6,656	724	16	27
1938-----	12,526	13,245	11,083	7,794	44,648	416,111	2,487	7,142	1,064	12	62
1939-----	17,002	16,564	12,782	10,336	56,684	533,417	5,040	18,158	1,349	12	25
1940-----	17,600	17,495	15,830	13,131	64,056	564,417	2,834	14,424	1,543	8	20
1941-----	19,238	20,500	18,499	18,894	77,131	706,678		20,585	1,845		21
1942-----	25,095	38,455	41,236	28,667	133,454	1,206,186	(4)	44,101	3,200		16
1943-----	30,357	43,274	36,834	31,842	142,306	1,219,453		58,757	3,446		10
1944-----	32,976	40,839	42,159	37,428	153,402	1,346,704		67,154	3,698		1
1945-----	37,788	47,264	40,374	34,033	159,460	1,414,712	(4)	73,928	3,837	(5)	142
1946-----	41,704	49,599	44,252	34,690	170,246	1,531,096	6	91,455	4,086		38
1947 <sup>6</sup> -----	41,466	46,205	40,114	33,589	161,374	1,532,676	306	115,118	3,833		

<sup>1</sup> Not necessarily exactly equal to the sum of the quarters, as each quarterly and annual figure is computed directly from original data stated in tons.  
<sup>2</sup> Exports, if any, not reported separately prior to January 1939.  
<sup>3</sup> Excludes "special imports" entered free of duty for subsequent export.  
<sup>4</sup> Less than 500 pounds.  
<sup>5</sup> Less than 500 tons.  
<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Crushings and production of oil from reports of the Bureau of the Census, Animal and Vegetable Fats and Oils. Production of soybean cake and meal computed by the Department of Agriculture. Trade figures from Monthly Summary of Foreign Commerce of the United States, and records of the Bureau of the Census.

TABLE 197.—Soybeans, soybean oil, and meal: Average price at specified markets, 1938-47

Year beginning October—	Soybeans, per bushel <sup>1</sup>	Oil, domestic, per pound		Meal, per ton	Year beginning October—	Soybeans, per bushel <sup>1</sup>	Oil, domestic, per pound		Meal, per ton
	For crushing, Chicago	Crude, tanks, mid-western mills	Edible, drums, New York	41 percent protein, bagged, Chicago		For crushing, Chicago	Crude, tanks, mid-western mills	Edible, drums, New York	41 percent protein, bagged, Chicago
	Dollars	Cents	Cents	Dollars		Dollars	Cents	Cents	Dollars
1938-----	0.85	4.83	7.35	25.98	1943-----	1.90	11.75	15.07	51.91
1939-----	.96	4.95	7.51	28.90	1944-----	2.20	11.75	15.33	52.00
1940-----	1.06	7.04	9.90	30.49	1945-----	2.13	11.91	15.96	62.39
1941-----	1.68	11.22	14.64	41.87	1946-----	3.04	22.86	28.57	81.10
1942-----	1.72	11.75	14.82	42.80	1947-----	3.80	23.76	29.54	91.61

<sup>1</sup> No. 2 yellow, bulk, carlots. Beginning 1939, prices are weighted by carlot sales, which are few.

Bureau of Agricultural Economics. Compiled from Chicago Daily Trade Bulletin; Chicago Journal of Commerce; The National Provisioner; Oil, Paint and Drug Reporter; New York Journal of Commerce; and reports of Production and Marketing Administration. Data for earlier years available in 1930 Yearbook, table 299, and Agricultural Statistics, 1940, table 406. Imported oil prices for 1910-31 in 1935 Yearbook, table 280.

TABLE 198.—*Tung nuts: Production, season average price per ton received by growers, and value, 5 States; and tung oil, production and foreign trade, United States, 1939-47*

Year	Tung nuts <sup>1</sup>			Tung oil				
	Production	Price	Farm value	Production	Imports for consumption	Exports	Re-exports	Net imports or net exports
	Tons	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	1,160	42.20	49	<sup>2</sup> 3,000	78,718	-----	5,911	72,807
1940.....	11,000	60.00	660	62	97,049	-----	4,481	92,568
1941.....	8,750	88.30	773	3,533	43,800	-----	3,102	40,698
1942.....	16,350	91.80	1,501	2,290	8,269	1,017	83	7,169
1943.....	6,200	99.00	614	5,310	68	1,567	30	-1,529
1944.....	26,680	102.00	2,730	2,558	1,771	1,481	86	204
1945.....	37,080	98.90	3,667	10,353	339	1,457	252	-1,370
1946.....	57,400	96.90	5,564	11,046	36,207	493	795	34,919
1947 <sup>3</sup> .....	66,700	73.60	4,909	12,680	121,564	2,143	5,094	114,327

<sup>1</sup> Data on tung nuts in Georgia, Florida, Alabama, Mississippi, and Louisiana.<sup>2</sup> U. S. Department of Commerce, The Tung Oil Monthly, June 1940.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data on tung oil from reports of the Bureau of the Census.

TABLE 199.—*Tung nuts: Production, season average price per ton received by growers, and value, 5 principal States, 1941-47*PRODUCTION <sup>1</sup>

State	1941	1942	1943	1944	1945	1946	1947 <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Georgia.....	650	950	200	800	1,100	1,800	2,000
Florida.....	2,250	3,700	700	7,000	8,400	15,000	16,000
Alabama.....	350	500	100	700	1,140	1,600	2,000
Mississippi.....	3,700	7,200	1,940	10,630	15,690	23,800	28,000
Louisiana <sup>3</sup> .....	1,800	4,000	3,260	7,550	10,750	15,200	18,700
Total.....	8,750	16,350	6,200	26,680	37,080	57,400	66,700

## SEASON AVERAGE PRICE

	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Georgia and Alabama <sup>4</sup> .....	93.00	93.90	96.70	97.30	98.10	96.50	75.00
Florida.....	90.00	90.00	93.00	100.00	98.00	96.00	75.00
Mississippi.....	85.00	95.00	100.00	104.00	98.00	102.00	75.00
Louisiana.....	91.00	87.00	100.00	103.00	101.00	90.00	70.00
Average.....	88.30	91.80	99.00	102.00	98.90	96.90	73.60

## FARM VALUE

	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Georgia and Alabama <sup>4</sup> .....	93	136	29	146	220	328	300
Florida.....	202	333	65	700	823	1,440	1,200
Mississippi.....	314	684	194	1,106	1,538	2,428	2,100
Louisiana.....	164	348	326	778	1,086	1,368	1,309
Total.....	773	1,501	614	2,730	3,667	5,564	4,909

<sup>1</sup> Production of unhusked air-dried nuts.<sup>2</sup> Preliminary.<sup>3</sup> Includes small quantities of tung nuts produced in Texas.<sup>4</sup> Prices and values for these 2 States have been combined, to avoid the possibility of disclosing individual mill operations.

Bureau of Agricultural Economics. The Census of Agriculture reported 351,000 tung trees in Southern States in 1930, 12,671,000 tung trees in 1940, and 9,583,000 tung trees in 1945. In addition to the States listed above, the census shows a small production also in Texas and South Carolina. The yield of oil from tung nuts varies from year to year but is usually estimated at around 16 percent of the weight of the nuts. Production and supply of tung oil appear in table 198.

TABLE 200.—*Oleomargarine: Materials used in manufacture, and percentages of total quantity of fats and oils contributed by specified items, United States, 1943-47*

Item	1943		1944		1945		1946		1947	
	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils
	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>
Oleo oil.....	17,236	3.4	11,938	2.5	8,841	1.8	2,545	0.6	3,298	0.6
Oleostearine.....	3,448	.7	3,079	.6	2,510	.5	2,086	.4	3,700	.6
Lard, neutral.....	10,694	2.1	9,630	2.0	5,786	1.2	2,058	.4	3,146	.5
Oleo stock.....	2,819	.6	2,092	.4	1,304	.3	335	.1	649	.1
Other animal fats <sup>2</sup> .....	512	.1	220	.1	24	(1)	18	(1)	-----	-----
<b>Total animal.....</b>	<b>34,709</b>	<b>6.9</b>	<b>26,959</b>	<b>5.6</b>	<b>18,465</b>	<b>3.8</b>	<b>7,042</b>	<b>1.5</b>	<b>10,793</b>	<b>1.8</b>
Cottonseed oil.....	252,109	50.4	215,008	44.9	253,997	50.9	222,814	47.9	322,553	53.2
Soybean oil.....	198,020	39.6	211,105	44.1	206,642	41.4	200,681	43.1	227,595	37.5
Peanut oil.....	4,564	.9	12,295	2.6	10,215	2.1	13,794	3.0	17,498	2.9
Corn oil.....	5,828	1.2	11,480	2.4	9,174	1.8	6,589	1.4	6,650	1.1
Linseed oil.....	4,280	.9	413	.1	-----	-----	-----	-----	-----	-----
Other vegetable oils <sup>3</sup> .....	281	.1	1,231	.3	138	(1)	67	(1)	131	(1)
<b>Total domestic vegetable.....</b>	<b>465,082</b>	<b>93.1</b>	<b>451,532</b>	<b>94.4</b>	<b>480,166</b>	<b>96.2</b>	<b>443,945</b>	<b>95.4</b>	<b>574,427</b>	<b>94.7</b>
Coconut oil.....	-----	-----	-----	-----	-----	-----	14,508	3.1	21,214	3.5
Sunflower oil.....	-----	-----	1	(1)	6	(1)	-----	-----	-----	-----
<b>Total foreign vegetable.....</b>	<b>-----</b>	<b>-----</b>	<b>1</b>	<b>(1)</b>	<b>6</b>	<b>(1)</b>	<b>14,508</b>	<b>3.1</b>	<b>21,214</b>	<b>3.5</b>
<b>Total fats and oils.....</b>	<b>499,791</b>	<b>100.0</b>	<b>478,492</b>	<b>100.0</b>	<b>498,637</b>	<b>100.0</b>	<b>465,495</b>	<b>100.0</b>	<b>606,434</b>	<b>100.0</b>
Milk.....	104,389	-----	101,642	-----	105,002	-----	96,016	-----	126,209	-----
Salt and other materials.....	22,282	-----	21,783	-----	22,050	-----	20,599	-----	26,838	-----
<b>Total.....</b>	<b>126,671</b>	<b>-----</b>	<b>123,425</b>	<b>-----</b>	<b>127,052</b>	<b>-----</b>	<b>116,645</b>	<b>-----</b>	<b>153,047</b>	<b>-----</b>
<b>Grand total.....</b>	<b>626,462</b>	<b>-----</b>	<b>601,917</b>	<b>-----</b>	<b>625,689</b>	<b>-----</b>	<b>582,140</b>	<b>-----</b>	<b>759,481</b>	<b>-----</b>

<sup>1</sup> Less than 0.05 percent.<sup>2</sup> Includes tallow, lard flakes, and lard stearine.<sup>3</sup> Includes cottonseed stearine, soybean stearine, vegetable stearine, cottonseed flakes, and soya flakes.<sup>4</sup> Used in oleomargarine for export: 14,508,000 pounds in 1946, and 7,751,000 pounds in 1947.

Bureau of Agricultural Economics. Computed from monthly data published in Internal Revenue Bulletin.

TABLE 201.—*Oleomargarine, white: Average wholesale price per pound, Chicago, 1938-47*

Item	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Made from:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Animal fat.....	14.6	13.3	11.8	13.3	15.1	16.4	16.5	16.5	23.5	37.2
Domestic vegetable oils.....	15.5	14.7	14.8	15.8	19.0	19.0	19.0	19.0	23.0	36.9

Bureau of Agricultural Economics. Compiled from The National Provisioner.

TABLE 202.—*Oleomargarine: Production, withdrawals, and domestic disappearance, United States, 1933-47*

Year	Reported to U. S. Department of Agriculture			Reported to Bureau of Internal Revenue						Domestic disappearance (civilian and military) <sup>5</sup>	
	Production, uncolored and colored <sup>1</sup>			Production			Withdrawals			Total	Per capita
	Vegetable oil	Combined animal and vegetable	Total	Un-colored	Colored	Total <sup>2</sup>	Tax-paid for consumption in the United States and Territories	Tax-free for use of the United States Government <sup>3</sup>	Tax-free for export <sup>4</sup>		
1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1938.....	341,326	38,767	380,093	383,702	1,532	385,233	384,291	875	151	384,876	2.9
1939.....	266,946	34,884	301,830	299,412	1,445	300,856	300,314	901	258	300,942	2.3
1940.....	279,317	41,355	320,672	317,952	2,451	320,402	317,736	897	1,174	318,336	2.4
1941.....	313,496	51,713	365,209	362,813	4,774	367,587	363,236	2,105	2,038	363,489	2.7
1942.....	366,865	56,412	423,277	361,262	64,488	425,749	363,707	60,148	3,286	364,000	2.7
1943.....	556,409	53,722	610,131	497,601	116,543	614,144	500,004	110,439	572	502,700	3.7
1944.....	539,237	44,529	583,766	480,607	107,606	588,214	496,037	90,828	1,386	498,200	3.6
1945.....	580,005	33,978	613,983	515,124	98,904	614,028	524,631	74,089	16,747	538,900	3.8
1946.....	554,798	17,854	572,652	514,457	58,063	572,520	532,066	34,297	6,528	537,700	3.8
1947 <sup>6</sup> .....	717,136	21,573	738,709	686,883	59,057	745,940	712,584	9,305	18,508	719,000	5.0

<sup>1</sup> Shown to indicate output of oleomargarine containing animal fat in relation to output of vegetable-oil margarine. Manufacturers' reports to the Bureau of Internal Revenue are required by law; those to the U. S. Department of Agriculture are voluntary.

<sup>2</sup> Total of unrounded monthly figures.

<sup>3</sup> 1938-40 represents purchases for use in Government institutions; 1941-47 also includes purchases for lend-lease export, UNRRA, and American Red Cross and small purchases by the armed forces.

<sup>4</sup> Including withdrawals for shipment to Puerto Rico, Virgin Islands, and other U. S. possessions.

<sup>5</sup> Tax-paid withdrawals for use in the United States and Territories, plus military procurement, plus tax-free withdrawals for use in Government institutions, minus shipments to Alaska and Hawaii.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 203.—*Shortening: Production, trade, stocks Dec. 31, and disappearance in the United States, and price at Chicago, 1933-47*

Year	Factory production	Imports for consumption	Exports	Shipments to United States Territories <sup>1</sup>	Factory and warehouse stocks, Dec. 31	Apparent disappearance		Average wholesale price per pound, Chicago
						Total	Per capita	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds	Cents
1938.....	1,514,028	1,924	2,255	4,630	55,662	1,499,436	11.5	10.2
1939.....	1,408,551	1,245	3,237	4,655	56,621	1,395,945	10.6	9.3
1940.....	1,190,322	505	3,805	4,923	53,741	1,184,979	8.9	9.1
1941.....	1,409,401	1,447	3,666	6,432	53,338	1,401,153	10.5	13.8
1942.....	1,300,150	364	3,250	7,628	42,648	1,300,326	9.6	17.0
1943.....	1,437,649	8	51,297	8,256	46,258	1,374,494	10.0	17.0
1944.....	1,363,547	( <sup>2</sup> )	11,930	5,865	43,108	1,348,902	9.7	17.0
1945.....	1,440,859	1	<sup>3</sup> 13,245	7,639	33,533	1,429,551	10.2	17.0
1946.....	1,450,501	2	<sup>3</sup> 13,924	6,343	41,234	1,422,535	10.0	<sup>4</sup> 21.1
1947 <sup>5</sup> .....	1,374,492	1	<sup>3</sup> 10,394	6,671	53,464	1,345,198	9.3	32.2

Footnotes at bottom of page 159.

TABLE 204.—Fats and oils used in the manufacture of shortening, United States, 1940-47

Item	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Cottonseed oil.....	823,359	888,733	693,564	572,208	489,880	486,791	501,588	299,869
Soybean oil.....	212,317	215,967	335,555	568,405	620,257	683,011	743,527	705,280
Peanut oil.....	22,516	81,905	37,817	50,886	61,249	51,016	42,302	64,512
Corn oil.....	746	62	4,093	6,356	5,393	2,446	3,341	2,625
Linseed oil.....	-----	-----	-----	7,084	300	-----	-----	-----
Total domestic vegetable <sup>2</sup> .....	1,058,938	1,186,667	1,071,029	1,204,939	1,177,079	1,223,264	1,290,758	1,072,286
Palm oil.....	33,224	86,486	29,303	852	-----	-----	-----	-----
Coconut oil.....	17,576	22,069	4,961	3	69	231	17,779	86,522
Sesame oil.....	24	226	2	4	3	30	-----	-----
Babassu oil.....	381	-----	50	1	-----	-----	2,933	721
Palm-kernel oil.....	1,146	4	<sup>3</sup> 1,179	-----	-----	-----	-----	-----
Other oils <sup>4</sup> .....	32	93	24,212	4,897	5,559	19,021	4,968	1,168
Total foreign vegetable.....	52,383	108,878	59,707	5,757	5,631	19,282	25,680	88,411
Tallow, edible.....	39,595	41,227	55,777	78,552	59,752	78,835	43,809	44,493
Oleostearine.....	16,940	23,103	30,701	29,726	22,393	24,349	13,155	18,949
Lard <sup>5</sup> .....	16,786	50,787	61,632	36,407	38,729	23,142	20,387	100,635
Oleo oil.....	880	1,282	663	2,660	2,691	2,728	1,391	1,478
Total animal.....	74,201	116,399	148,773	147,345	123,565	129,054	78,742	165,555
Fish oils.....	10,902	6,165	5,750	12,584	2,764	3,433	1,158	-----
Total fats and oils.....	1,196,424	1,418,109	1,285,259	1,370,625	1,309,039	1,375,033	1,396,338	1,326,252

<sup>1</sup> Preliminary.<sup>2</sup> Mostly domestic, but includes some imported cottonseed, soybean, peanut, and corn oils in most years.<sup>3</sup> Includes murumuru-kernel oil and tucum-kernel oil.<sup>4</sup> Includes sunflower oil and miscellaneous vegetable oils. A small percentage of "other oils" may be domestic.<sup>5</sup> Includes rendered pork fat, beginning 1941.

Bureau of Agricultural Economics. Compiled from Bureau of the Census, Animal and Vegetable Fats and Oils. Data for earlier years in Agricultural Statistics, 1941, table 511.

## FOOTNOTES FOR TABLE 203:

<sup>1</sup> Partly estimated. 1942-45 includes Department of Agriculture shipments to United States Territories not reported by Bureau of the Census.<sup>2</sup> Less than 500 pounds.<sup>3</sup> Includes military procurement for relief abroad: 300,000 pounds in 1945; 2,500,000 pounds in 1946; 11,000 pounds in 1947. Includes also in 1947 an estimated 6,801,000 pounds exported in food packages through CARE and other non-governmental agencies.<sup>4</sup> Average for less than 12 months.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Compiled as follows: Production and stocks from Bureau of the Census Animal and Vegetable Fats and Oils.

Trade figures from Foreign Commerce and Navigation of the United States, and records of the Bureau of the Census.

Disappearance: Total, computed from data on production, trade, and stocks. Per capita, computed from total disappearance, using population as of July 1, including military personnel.

Price, from reports of the Production and Marketing Administration. Based on products containing from 20 to 50 percent animal fat. 1938-June 1940, quoted in hardwood tubs; beginning July 1940, in 1-pound cartons.

TABLE 205.—Fats and oils: Production, foreign trade, factory and warehouse stocks, Dec. 31, and disappearance in continental United States, 1938-47

## ANIMAL FATS AND OILS (INCLUDING MARINE OILS)

Year	Primary fats and oils (crude basis)						Adjusted disappearance, allowing for net exports and stock changes in fat-and-oil products <sup>5</sup>
	Production from domestic materials	Imports plus production from imported materials <sup>1</sup>	Exports and reexports <sup>2</sup>	Shipments to United States Territories <sup>3</sup>	Factory and warehouse stocks, Dec. 31 <sup>4</sup>	Disappearance in continental United States	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1938	5,406	91	223	36	771	5,073	
1939	5,870	96	314	41	785	5,599	
1940	6,291	50	220	39	991	5,876	
1941	6,519	80	410	40	887	6,252	
1942	6,728	166	698	41	662	<sup>6</sup> 6,372	
1943	6,981	144	913	46	818	<sup>6</sup> 5,919	
1944	7,246	117	1,019	45	953	<sup>6</sup> 6,221	
1945	5,925	77	692	33	478	<sup>6</sup> 5,775	
1946	5,599	43	490	44	445	<sup>6</sup> 5,171	
1947 <sup>7</sup>	6,433	40	487	40	531	<sup>6</sup> 6,858	

## VEGETABLE OILS

1938	2,369	1,710	39	7	1,563	3,962	
1939	2,340	1,703	99	9	1,485	4,013	
1940	2,434	1,606	138	8	1,549	3,830	
1941	2,814	1,817	162	14	1,385	4,619	
1942	3,186	827	129	7	<sup>6</sup> 1,356	3,916	
1943	3,674	781	431	7	1,333	4,046	
1944	3,444	873	438	8	1,203	4,001	
1945	3,445	828	161	8	1,248	4,061	
1946	3,252	771	201	8	821	4,240	
1947 <sup>7</sup>	3,511	1,323	236	8	762	4,648	

## TOTAL ANIMAL AND VEGETABLE FATS AND OILS

1938	7,774	1,801	261	43	2,334	9,035	8,995
1939	8,211	1,799	413	50	2,269	9,611	9,573
1940	8,725	1,656	358	46	2,540	9,706	9,672
1941	9,333	1,897	572	54	2,272	10,871	<sup>9</sup> 10,828
1942	9,914	993	827	48	<sup>8</sup> 2,018	<sup>6</sup> 10,237	<sup>9</sup> 10,211
1943	10,656	924	1,344	53	2,151	<sup>6</sup> 9,965	<sup>9</sup> 9,781
1944	10,690	990	1,456	53	2,156	<sup>6</sup> 10,221	<sup>9</sup> 10,092
1945	9,371	906	853	41	1,762	<sup>6</sup> 9,386	<sup>9</sup> 9,688
1946	8,851	815	691	52	1,266	<sup>6</sup> 9,412	<sup>9</sup> 9,289
1947 <sup>7</sup>	9,943	1,363	722	48	1,293	<sup>6</sup> 10,507	<sup>9</sup> 10,376

<sup>1</sup> Imports for consumption.<sup>2</sup> Reexports include only items imported free of duty or tax (coconut, palm, including palm-kernel, and tung oils), except that in 1943-47, certain quantities of whale, linseed, and sunflower oils reported in imports for consumption are also included.<sup>3</sup> Special programs of the U. S. Department of Agriculture included, 1942-45.<sup>4</sup> Cold-storage stocks of butter, all years; lard, 1938-40.<sup>5</sup> Disappearance of primary fats and oils in continental United States adjusted for fat content of imports, exports, and shipments to U. S. Territories of margarine, shortening, and soap, and changes in stocks of margarine and shortening.<sup>6</sup> Adjusted to allow for changes in cold-storage stocks of butter held by the armed forces, and in U. S. Department of Agriculture stocks of lard in transit to warehouses and ships (these stocks are not included in factory and warehouse stocks).<sup>7</sup> Preliminary.<sup>8</sup> Includes 9,000,000 pounds of dehydrated castor oil (crude basis); these stocks were not reported prior to 1942<sup>9</sup> Includes procurement for U. S. armed forces, as well as disappearance into civilian trade channels.

Bureau of Agricultural Economics. Compiled as follows: Production, from reports of the Bureau of the Census, U. S. Department of Agriculture, and Fish and Wildlife Service. Foreign trade from Foreign Commerce and Navigation of the United States and records of the Bureau of the Census. Stocks from Bureau of the Census and U. S. Department of Agriculture. Disappearance computed from data on production, foreign trade, and stocks. Totals computed from unrounded numbers.



TABLE 206.—Fats and oils (crude basis): Production and disappearance, 1946; production, foreign trade, stocks Dec. 31, and disappearance, United States, 1947

Item	1946		1947 <sup>1</sup>					
	Factory production	Apparent disappearance in continental United States	Factory production	Imports for consumption	Exports	Net imports or net exports (—)	Factory and warehouse stocks, Dec. 31	Apparent disappearance in continental United States
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Animal and marine fats and oils:</b>								
Butter.....	<sup>2</sup> 1,505,000	1,512,000	<sup>2</sup> 1,646,000	3,771	<sup>3</sup> 17,336	-13,565	23,672	1,634,000
Lard, including rendered pork fat.....	<sup>2</sup> 2,138,000	1,674,000	<sup>2</sup> 2,427,000	2	<sup>3</sup> 416,867	-416,865	166,575	1,954,000
Neat's-foot oil.....	1,580	1,826	2,516	71	1,124	-1,053	1,056	1,246
Oleo oil.....	32,759	32,047	52,385	-----	111	-111	2,501	51,471
Oleostearine and oleo stock.....	19,312	19,019	37,076	-----	1,595	-1,595	2,631	34,629
Tallow, edible.....	71,572	67,221	94,985	-----	601	-601	6,333	94,595
Tallow, inedible, and greases excluding wool grease.....	<sup>4</sup> 1,658,107	1,676,607	<sup>4</sup> 2,023,153	1,119	<sup>5</sup> 68,872	-67,753	246,364	1,881,598
Wool grease.....	19,959	18,929	22,190	139	-----	139	7,703	21,448
Fish-liver oil <sup>6</sup> .....	6,775	22,975	6,000	16,978	9,159	7,819	9,802	16,661
Fish oil.....	145,692	130,984	121,436	3,132	10,976	-7,844	56,599	156,730
Marine mammal oil <sup>7</sup> .....	254	16,174	137	14,936	126	14,810	7,808	11,808
<b>Total, animal and marine.....</b>	<b>5,599,000</b>	<b>5,171,000</b>	<b>6,433,000</b>	<b>40,148</b>	<b>526,767</b>	<b>-486,619</b>	<b>531,404</b>	<b>5,858,000</b>
<b>Vegetable oils:</b>								
Babassu oil.....	( <sup>8</sup> )	44,206	<sup>9</sup> 14,007	1,747	-----	1,747	42	17,787
Castor oil.....	91,198	95,383	117,189	6,595	3,448	3,147	24,507	115,669
Coconut oil.....	349,042	326,231	800,780	23,559	<sup>10</sup> 60,939	-37,380	82,232	784,140
Corn oil.....	198,148	195,415	246,612	-----	366	-366	10,934	253,567
Cottonseed oil.....	965,928	1,184,804	1,117,167	977	12,537	-11,560	275,328	1,110,764
Linseed oil.....	579,899	680,875	455,582	117,326	<sup>10</sup> 23,910	93,416	126,499	575,281
Oiticica oil.....	-----	25,245	-----	8,471	-----	8,471	2,156	12,707
Olive oil, edible.....	2,312	11,484	2,761	11,250	137	11,113	987	17,467
Olive oil, inedible.....	-----	123	-----	248	2	246	84	245
Olive-oil foods.....	( <sup>8</sup> )	680	( <sup>8</sup> )	-----	<sup>10</sup> 67	-67	340	( <sup>8</sup> )
Palm-kernel oils <sup>11</sup> .....	( <sup>8</sup> )	35,234	<sup>9</sup> 7,313	2,381	-----	2,381	( <sup>8</sup> )	9,918
Palm oil.....	-----	50,901	-----	63,212	<sup>10</sup> 11,660	51,552	23,505	43,153
Peanut oil.....	101,239	115,632	132,104	95	2,176	-2,081	17,587	138,447
Perilla oil.....	-----	81	-----	-----	-----	-----	21	<sup>12</sup> 33
Rapeseed oil.....	( <sup>8</sup> )	15,047	( <sup>8</sup> )	5,774	20	5,754	6,331	( <sup>8</sup> )
Sesame oil.....	-----	698	<sup>9</sup> 4,455	199	-----	199	186	4,610
Soybean oil.....	1,454,339	1,409,305	1,541,984	71	109,760	-109,689	146,208	1,450,024
Tung oil.....	11,046	35,632	12,680	121,564	<sup>10</sup> 7,237	114,327	37,777	106,077
Other vegetable oils <sup>13</sup> .....	46,329	13,192	7,175	9,951	<sup>14</sup> 11,584	-1,633	7,200	8,530
<b>Total, vegetable.....</b>	<b>3,799,480</b>	<b>4,240,168</b>	<b>4,459,809</b>	<b>373,420</b>	<b>243,843</b>	<b>129,577</b>	<b>761,924</b>	<b>4,648,419</b>
<b>Total, all fats and oils.....</b>	<b>9,399,000</b>	<b>9,412,000</b>	<b>10,893,000</b>	<b>413,568</b>	<b>770,610</b>	<b>-357,042</b>	<b>1,293,328</b>	<b>10,507,000</b>

<sup>1</sup> Preliminary.<sup>2</sup> Total production, including estimated farm output.<sup>3</sup> Includes shipments to U. S. Territories. Lard includes 28 million pounds exported by the Army for relief abroad and 2 million pounds exported in food packages through CARE and other non-governmental agencies.<sup>4</sup> Computed from factory consumption (Bureau of the Census), stocks, and trade; reported factory consumption used to represent domestic disappearance.<sup>5</sup> Total of the following export classifications: Inedible tallow; other animal greases and fats, inedible; hog grease and wool grease; grease stearin; lard oil; and other animal oils, inedible.<sup>6</sup> Production of cod oil, cod-liver oil, shark-liver oil, and other liver oils. Imports of cod oil, cod-liver oil, shark-liver oil, and "fish-liver oil, n.e.s."<sup>7</sup> Whale oil, sperm-whale oil, and seal oil.<sup>8</sup> Included in "Other vegetable oils."<sup>9</sup> Oil equivalent of imported raw material.<sup>10</sup> Includes reexports.<sup>11</sup> Cohune-kernel, murumuru-kernel, palm-kernel, and tucum-kernel oils.<sup>12</sup> Reported factory consumption (Bureau of the Census).<sup>13</sup> Cashew nut shell liquid (oil), sunflower oil, teased oil, vegetable tallow, and minor domestic vegetable oils, such as hempseed, mustardseed, and walnut oils.<sup>14</sup> Includes shipments of 8,340,000 pounds of edible fats and oils, other than butter and lard, to U. S. Territories; 189,000 pounds of edible oils procured by the Army for relief abroad; and 948,000 pounds of edible oils exported in food packages through CARE and other non-governmental agencies.

Bureau of Agricultural Economics. Compiled as follows:

Production—

Butter and lard, U. S. Department of Agriculture.

Marine-animal oils, reports of Fish and Wildlife Service. Reported in gallons; converted to pounds, using

7.74 pounds per gallon for Atlantic and Gulf coasts and 7.5 for Pacific coast.

All other fats and oils, Bureau of the Census.

Foreign trade and factory and warehouse stocks, Bureau of the Census, except for stocks of butter, U. S.

Department of Agriculture, Cold Storage Report. In cases where refined and crude oils are reported separately, figures represent crude oil, plus refined converted to crude basis by dividing by the following factors:

Babassu, corn, cottonseed, palm-kernel, and palm oils, 0.93; coconut, peanut, and soybean oils, 0.94.

Apparent disappearance computed from data on production, trade, and stocks.

TABLE 207.—Fats and oils: Estimated consumption in the drying-oil industries, United States, 1938-47

Item	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>
Linseed oil.....	486,828	557,855	586,585	808,641	820,253	757,693	688,373	639,640	668,230	567,536
Castor oil.....	6,043	11,844	24,857	46,295	62,756	24,991	90,037	66,658	38,233	45,501
Fish oil.....	30,653	43,599	46,894	56,539	31,779	34,188	47,178	57,252	46,363	44,946
Soybean oil.....	21,784	33,353	46,260	62,410	33,422	38,974	36,648	45,757	66,925	158,807
Tung oil.....	90,295	105,596	66,937	68,515	<sup>2</sup> 11,830	<sup>2</sup> 12,047	<sup>2</sup> 10,109	22,672	35,632	106,077
Oiticica oil.....	5,301	18,867	15,537	26,785	<sup>2</sup> 9,196	<sup>2</sup> 3,602	10,741	19,389	25,245	12,707
Perilla oil.....	41,894	52,158	19,514	8,575	2,731	1,990	<sup>2</sup> 489	<sup>2</sup> 193	<sup>2</sup> 78	<sup>2</sup> 33
Coconut oil.....	424	710	1,263	920	183	37	32	24	219	509
Cottonseed oil.....	352	243	217	349	507	226	75	181	137	42
Rapeseed oil.....	134	79	88	103	40	29	12	14	4	3
Corn oil.....	118	155	174	883	80	32	23	23	19	8
Palm oil.....	10	6	4	1				1		5
Olive oil, inedible and foots.....	6	14	7	4	3					
Other vegetable oils <sup>3</sup> .....	300	300	300	300	273	678	866	1,927	4,214	4,728
Grease.....	565	497	504	622	609	486	333	294	352	308
Tallow, inedible.....	121	102	155	375	195	25	20	54	60	36
Marine mammal oil.....	33	40	55	36	4	2	5	39	72	44
Neat's-foot oil.....	11	28	28	37	40	43	20	6	15	11
Tallow, edible.....	2	1	1	4	6	5		1		
Lard.....	2	2	9	13	13	10	13	7	23	20
Oleo oil.....	2				2		1	1		
Oleostearine.....		2	6		2					
Tall oil and secondary fatty materials.....						16,529	33,674	38,129	54,457	75,279
Total.....	684,878	825,451	809,395	1,081,407	973,924	891,587	918,649	892,262	940,278	1,014,600

<sup>1</sup> Preliminary.<sup>2</sup> Reported factory consumption in paints, varnishes, linoleum, oilcloth, printing inks, and miscellaneous industrial products.<sup>3</sup> 1938-41, estimated.

Bureau of Agricultural Economics. These estimates include consumption in paints, varnishes, floor coverings, printing inks, core oil, resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics.

Compiled from reports of the Bureau of the Census and the Fish and Wildlife Service, as follows:

Linseed, castor, fish, soybean, tung, oiticica, and perilla oils: Total apparent domestic disappearance, minus quantities (if any) reported by the Bureau of the Census as used in soap, oleomargarine, and shortening, and minus part of the quantity used in miscellaneous industrial products. Details of the computation are given in the Fats and Oils Situation, July 1948, page 17.

Tall oil and secondary fatty materials: Factory consumption in paints, varnishes, floor coverings, printing inks, core oil, resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics, as reported by the Bureau of the Census.

Other fats and oils:—Factory consumption in paints, varnishes, floor coverings, oilcloth, and printing inks, as reported by the Bureau of the Census.

TABLE 208.—Fats, oils, and rosin used in the manufacture of soap, United States, 1940-47

Item	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
Hard oils (tallow class):								
Slow lathering:								
Tallow, inedible	786,456	1,057,303	1,188,923	896,286	1,005,777	952,334	871,968	1,108,909
Whale and fish oils	107,911	76,312	72,401	44,972	50,900	114,346	39,714	42,550
Grease	256,886	310,487	338,974	463,811	524,156	412,105	338,469	417,260
Palm oil	84,934	129,871	55,865	32,621	19,675	24,500	7,417	1,091
Tallow, edible	657	4,826	634	4,652	43,761	32,067	6,895	7,087
Oleostearine	549	70	483	275	211	-----	-----	-----
Lard <sup>2</sup>	645	89	96	74,039	176,266	82,070	744	5,973
Total	1,238,038	1,578,958	1,657,376	1,516,656	1,820,746	1,617,422	1,265,207	1,582,870
Quick lathering:								
Coconut oil	396,857	484,124	140,487	142,346	131,558	59,353	184,906	511,313
Palm-kernel oil	197	1,113	1,028	1,840	1,938	29,967	18,939	( <sup>3</sup> )
Babassu oil	41,221	29,753	19,105	25,814	13,006	32,476	35,834	14,581
Total	438,275	514,990	160,620	170,000	146,502	121,796	239,679	525,894
Soft oils:								
Secondary fats and oils <sup>4</sup>	170,000	190,000	190,000	269,425	302,343	363,705	334,986	227,847
Olive oil, foots and inedible	16,585	10,584	5,188	5,486	2,956	1,987	801	764
Soybean oil	17,612	24,737	31,510	15,428	3,258	4,219	3,545	5,375
Cottonseed oil	2,971	3,010	2,863	991	586	1,695	522	920
Corn oil	3,638	4,948	4,102	831	887	721	299	446
Castor oil	1,225	1,976	1,599	878	16,962	1,399	553	9,041
Linseed oil	1,489	2,278	4,019	1,697	2,253	915	576	276
Peanut oil	387	597	485	256	564	846	7,347	374
Sesame oil	38	304	189	70	-----	-----	1	8
Oleo oil	127	189	205	2,160	3,243	3,685	3,082	40
Rapeseed oil	49	5	-----	1	-----	-----	16	-----
Olive oil, edible	130	84	27	11	83	18	1	4
Neat's-foot oil	19	35	19	68	9	7	41	23
Perilla oil	-----	-----	-----	-----	-----	-----	3	-----
Other vegetable oils	2,051	1,162	2,487	675	3,164	2,338	448	712
Total	216,321	239,909	242,693	297,977	336,308	381,535	352,221	245,830
Total fats and oils	1,892,634	2,333,857	2,060,689	1,984,633	2,303,556	2,120,753	1,857,107	2,354,594
Rosin <sup>5</sup>	78,419	103,061	97,850	119,804	193,144	121,522	74,694	79,866
Tall oil <sup>6</sup>	-----	-----	-----	10,700	29,300	29,800	25,200	16,329
Total saponifiable materials	1,971,053	2,436,918	2,158,539	2,115,137	2,526,000	2,272,075	1,957,001	2,450,789

<sup>1</sup> Preliminary.<sup>2</sup> Beginning 1941, includes rendered pork fat.<sup>3</sup> Included in "Other vegetable oils."<sup>4</sup> Inedible animal stearin grease (lard) oil, tallow oil, foots and other soap stock, red oil, stearic acid, and other fatty acids. Before 1943, estimated from total factory consumption of these items; 1943-June 1947, estimated from factory consumption of these items and tall oil in soap.<sup>5</sup> 1940-42 consumption of rosin was reported on a crop year basis (April-March); data are placed in calendar year in which most of the season occurs, i. e., 1942-43 data are placed in the calendar year 1942. 1943-47 data computed from quarterly reports.<sup>6</sup> 1943-June 1947, estimated.

Bureau of Agricultural Economics. Compiled as follows: Fats, oils, and tall oil, Bureau of the Census; rosin, Naval Stores Report, Bureau of Agricultural Economics.

TABLE 209.—Factory consumption of specified fats and oils, crude basis, by classes of products, and total apparent domestic disappearance, United States, 1945-47

Products manufactured	Babassu oil			Castor oil <sup>2</sup>			Coconut oil			Corn oil		
	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Shortening.....	486,791	501,588	299,869	3,433	1,158	-----	-----	-----	-----	23,142	20,387	100,635
Oleomargarine.....	253,997	222,814	322,553	-----	-----	50	-----	-----	-----	5,786	2,088	3,146
Other edible products.....	336,762	300,758	348,108	114,344	39,710	42,540	2	4	10	3,372	4,781	3,720
Soap.....	1,695	522	920	42,993	36,290	34,201	28	60	36	82,070	744	5,973
Paint and varnish.....	1,174	129	38	6,359	5,128	4,568	6	5	8	-----	-----	-----
Linoleum and oilcloth.....	-----	-----	-----	282	359	209	5	12	7	23	20	-----
Printing inks.....	7	8	4	9,543	8,686	14,621	2,716	3,057	1,170	-----	-----	-----
Fatty acids.....	637	824	476	9,124	8,619	8,839	6,148	3,916	2,911	237	222	126
Sulphonated oils.....	473	727	536	1,511	1,002	1,337	6,628	3,199	4,171	5,852	5,957	1,353
Lubricants and greases.....	2,607	2,426	3,421	116,677	82,458	95,397	-----	-----	-----	-----	-----	-----
Miscellaneous.....	-----	-----	-----	304,266	183,410	201,762	15,533	10,248	21,245	115,466	29,172	114,973
Total factory consumption.....	1,083,143	1,029,796	975,925	284,607	183,959	173,391	14,897	15,920	11,808	1,758,000	1,674,000	1,954,000
Refining loss.....	110,350	89,884	77,088	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total apparent disappearance.....	1,229,896	1,184,804	1,110,794	-----	-----	-----	-----	-----	-----	-----	-----	-----
Products manufactured	33,179	40,028	15,763	139,223	75,448	92,223	147,283	295,312	730,455	34,129	33,564	72,063
Refining loss.....	2,219	359	359	-----	-----	-----	8,771	20,204	53,685	17,049	16,439	21,813
Total apparent disappearance.....	34,933	44,206	17,787	164,838	95,383	115,069	158,705	326,231	784,140	206,467	195,415	253,567
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cottonseed oil	-----	-----	-----	3,433	1,158	-----	-----	-----	-----	-----	-----	-----
Shortening.....	-----	-----	-----	-----	-----	50	-----	-----	-----	-----	-----	-----
Oleomargarine.....	-----	-----	-----	114,344	39,710	42,540	2	4	10	-----	-----	-----
Other edible products.....	-----	-----	-----	42,993	36,290	34,201	28	60	36	-----	-----	-----
Soap.....	-----	-----	-----	6,359	5,128	4,568	6	5	8	-----	-----	-----
Paint and varnish.....	-----	-----	-----	282	359	209	5	12	7	-----	-----	-----
Linoleum and oilcloth.....	-----	-----	-----	9,543	8,686	14,621	2,716	3,057	1,170	-----	-----	-----
Printing inks.....	-----	-----	-----	9,124	8,619	8,839	6,148	3,916	2,911	-----	-----	-----
Fatty acids.....	-----	-----	-----	1,511	1,002	1,337	6,628	3,199	4,171	5,852	5,957	1,353
Sulphonated oils.....	-----	-----	-----	116,677	82,458	95,397	-----	-----	-----	-----	-----	-----
Lubricants and greases.....	-----	-----	-----	304,266	183,410	201,762	15,533	10,248	21,245	115,466	29,172	114,973
Miscellaneous.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total factory consumption.....	-----	-----	-----	284,607	183,959	173,391	14,897	15,920	11,808	1,758,000	1,674,000	1,954,000
Refining loss.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total apparent disappearance.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

See footnotes at end of table, p. 167.

TABLE 209.—Factory consumption of specified fats and oils, crude basis, by classes of products, and total apparent domestic disappearance, United States, 1945-47—Continued

Products manufactured	Linsed oil			Neat's-foot oil			Oiticica oil			Oleo oil		
	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Shortening.....												
Oleomargarine.....												
Other edible products.....												
Soap.....	915	576	276	7	41	23						
Paint and varnish.....	322,052	362,178	349,262									
Linoleum and oilcloth.....	66,586	66,427	85,699				13,128	14,952	9,339			
Printing inks.....	34,042	30,409	19,336	6	9	8	639	2,577	118			
Fatty acids.....	2,845	1,544	1,264				444	500	143			
Sulphonated oils.....	125	5	2	399	629	549						
Lubricants and greases.....	2,924	643	194	245	243	205						
Miscellaneous.....	66,391	78,270	48,332	6 3,882	6 2,880	6 2,616	1,801	2,604	2,032			
Total factory consumption.....	495,880	540,052	504,365	4,539	3,818	3,404	16,012	20,633	11,632	15,924	7,860	5,644
Refining loss.....												
Total apparent disappearance.....	639,810	680,875	575,281	4,239	1,826	1,246	19,389	25,245	12,707	57,763	32,047	51,471
	Oleostearine			Olive oil, edible			Olive oil, inedible			Olive-oil foots		
Shortening.....												
Oleomargarine.....	24,349	13,155	18,949									
Other edible products.....	13,814	7,421	7,349									
Soap.....	415	278	557	478	167	195						
Paint and varnish.....				18	1	4	302	193	324	1,684	608	449
Linoleum and oilcloth.....												
Printing inks.....												
Fatty acids.....												
Sulphonated oils.....	1	7	5									
Lubricants and greases.....	272	265	241	65	45	59	2	50	36			
Miscellaneous.....							46					
Total factory consumption.....	28,851	16,126	24,101	561	213	258	364	243	360	1,684	608	440
Refining loss.....												
Total apparent disappearance.....	29,977	19,019	34,629	13,076	11,484	17,467	154	123	245	1,813	680	( <sup>2</sup> )

See footnotes at end of table, p. 167



TABLE 209.—Factory consumption of specified fats and oils, crude basis, by classes of products, and total apparent domestic disappearance, United States, 1945-47—Continued

Products manufactured	Tallow, inedible and greases, excluding wool-grease			Wool grease			Tung oil			Other vegetable oils		
	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>	1945	1946	1947 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Shortening.....	1,363,937	1,209,859	1,525,747	505	598	422	16,939	25,458	68,968	19,021	4,968	1,168
Oleomargarine.....	56	56	22	12	44	38	2,337	104	5,254	19,144	19,667	19,131
Other edible products.....	149	161	141	130	151	143	156	521	1,397	22,680	11,966	5,026
Soap.....	277,186	296,990	193,031	4,387	3,457	5,983	3	3	20	2,338	448	712
Paint and varnish.....	5,179	7,397	6,633	8,114	6,798	7,738	5	66	20	2,338	3,798	4,527
Linoleum and oilcloth.....	59,716	54,284	65,655	13,148	11,061	14,344	2,129	2,810	12,700	1,912	381	190
Printing inks.....	1432,020	1,107,480	1,190,369	18,208	18,929	21,448	22,672	35,632	106,077	12	16	8
Fatty acids.....	1,838,241	1,676,207	1,881,598	18,208	18,929	21,448	22,672	35,632	106,077	12	16	8
Sulphonated oils.....	151,838,873	151,676,607	1,881,598	18,208	18,929	21,448	22,672	35,632	106,077	12	16	8
Lubricants and greases.....	1,838,241	1,676,207	1,881,598	18,208	18,929	21,448	22,672	35,632	106,077	12	16	8
Miscellaneous.....	1,838,241	1,676,207	1,881,598	18,208	18,929	21,448	22,672	35,632	106,077	12	16	8
Total factory consumption.....	1,838,241	1,676,207	1,881,598	18,208	18,929	21,448	22,672	35,632	106,077	12	16	8
Refining loss.....	1,838,241	1,676,207	1,881,598	18,208	18,929	21,448	22,672	35,632	106,077	12	16	8
Total apparent disappearance.....	1,838,241	1,676,207	1,881,598	18,208	18,929	21,448	22,672	35,632	106,077	12	16	8

<sup>1</sup> Preliminary.<sup>2</sup> No. 1, No. 3, and dehydrated (sulphonated excluded). To avoid double counting, the estimated quantity of No. 1 used in the production of dehydrated (51,495,000 pounds in 1945; 30,306,000 pounds in 1946; and 34,511,000 pounds in 1947) is deducted from the reported factory consumption of No. 1 in miscellaneous products. 113.6 pounds of No. 1 castor oil are estimated to be required for production of 100 pounds of dehydrated.<sup>3</sup> Includes 12,291,000 pounds used for pressing.<sup>4</sup> Includes 14,903,000 pounds used for pressing.<sup>5</sup> Includes 750,000 pounds used for pressing in 1945; and 790,000 pounds in 1946.<sup>6</sup> Includes 101,000 pounds used for pressing in 1945; 48,000 pounds in 1946; and 166,000 pounds in 1947.<sup>7</sup> Includes oleo stock.<sup>8</sup> Includes 1,304,000 pounds of oleo stock in 1945; 335,000 pounds in 1946; and 649,000 pounds in 1947.<sup>9</sup> Included in "Other vegetable oils."<sup>10</sup> Includes 37,300,000 pounds used in the tin and ternplate industry in 1945; 36,443,000 pounds in 1946; and 37,929,000 pounds in 1947.<sup>11</sup> Includes cohune-kernel; murumuri-kernel, ouricuri-kernel, and tucum-kernel oils.<sup>12</sup> Reported factory consumption used to represent total apparent disappearance.<sup>13</sup> Includes cottonseed stearine, cottonseed flakes, sunflower oil, soybean stearine, and soya flakes in 1945; soybean stearine, cottonseed flakes, and soya flakes in 1946; 48,000 pounds of cottonseed flakes and 83,000 pounds of soybean stearine in 1947.<sup>14</sup> Includes 111,784,000 pounds used in pressing in 1945; 82,320,000 pounds in 1946; and 61,458,000 pounds in 1947.<sup>15</sup> Includes 632,000 pounds used in refining in 1945 and 400,000 pounds in 1946.

Bureau of Agricultural Economics. Compiled as follows:

Factory consumption, from reports of the Bureau of the Census, except oleomargarine from reports of the Bureau of Internal Revenue.

Refining loss is the difference between use of crude oils in refining and production of refined oils.

Total apparent disappearance computed from data on production, trade, and stocks as follows: Production—Lard, U. S. Department of Agriculture. Marine-animal oils, Fish and Wildlife Service. Other fats and oils, Bureau of the Census. Trade and stocks, Bureau of the Census.

TABLE 210.—Use of fats and oils in products for civilian consumption, United States, 1931-47

Year	Butter (actual weight)		Lard, excluding use in oleomargarine, shortening, and nonfood products		Oleomargarine (fat content)		Shortening		Edible oils <sup>1</sup>		Total food products	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita <sup>2</sup>
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1931	2,244	18.0	1,687	13.5	192	1.5	1,163	9.3	599	4.8	5,884	43.6
1932	2,275	18.1	1,799	14.3	166	1.3	936	7.5	567	4.5	5,742	42.2
1933	2,248	17.8	1,759	13.9	197	1.6	944	7.5	657	5.2	5,806	42.5
1934	2,312	18.2	1,637	12.9	214	1.7	1,197	9.4	666	5.2	6,027	43.9
1935	2,195	17.1	1,221	9.5	307	2.4	1,533	12.0	686	5.4	5,942	43.1
1936	2,114	16.4	1,442	11.2	322	2.5	1,580	12.3	732	5.7	6,190	44.8
1937	2,120	16.4	1,358	10.5	326	2.5	1,589	12.3	818	6.3	6,210	44.7
1938	2,148	16.4	1,436	11.0	312	2.4	1,499	11.5	890	6.8	6,285	44.9
1939	2,276	17.3	1,662	12.6	243	1.8	1,396	10.6	946	7.2	6,523	46.2
1940	2,244	16.9	1,901	14.3	256	1.9	1,185	8.9	997	7.5	6,583	46.3
1941	2,104	15.9	1,819	13.7	294	2.2	1,376	10.4	1,092	8.2	6,685	47.3
1942	2,071	15.7	1,723	13.0	296	2.2	1,172	8.9	1,006	7.6	6,268	44.2
1943	1,515	11.7	1,698	13.1	408	3.1	1,270	9.8	819	6.3	5,710	41.8
1944	1,544	12.0	1,633	12.6	404	3.1	1,188	9.2	856	6.6	5,625	41.2
1945	1,401	10.8	1,494	11.5	426	3.3	1,299	10.0	784	6.0	5,404	39.5
1946	1,433	10.3	1,643	11.8	433	3.1	1,407	10.1	872	6.3	5,788	39.5
1947 <sup>3</sup>	1,606	11.2	1,818	12.7	580	4.0	1,338	9.3	997	6.9	6,338	42.0

  

Year	Soap <sup>4</sup>		Drying-oil products <sup>5</sup>		Other industrial products <sup>4</sup>		Total industrial products		All fat-and-oil products		
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total weight		Per capita <sup>2</sup>
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1931	1,498	12.0	621	5.0	314	2.5	2,433	19.5	8,317	7,880	63.1
1932	1,462	11.6	480	3.8	309	2.5	2,252	17.9	7,994	7,551	60.1
1933	1,401	11.1	553	4.4	404	3.2	2,358	18.7	8,164	7,725	61.2
1934	1,595	12.5	602	4.7	379	3.0	2,576	20.3	8,603	8,152	64.1
1935	1,428	11.2	721	5.6	525	4.1	2,674	20.9	8,616	8,188	64.0
1936	1,522	11.8	792	6.1	533	4.1	2,848	22.1	9,038	8,626	66.9
1937	1,581	12.2	851	6.6	528	4.1	2,961	22.8	9,171	8,758	67.6
1938	1,587	12.1	685	5.2	439	3.4	2,710	20.7	8,995	8,576	65.6
1939	1,741	13.2	825	6.3	483	3.7	3,050	23.2	9,573	9,129	69.3
1940	1,791	13.5	809	6.1	489	3.7	3,089	23.3	9,672	9,235	69.5
1941	1,275	10.4	1,030	7.8	690	5.2	3,893	29.4	10,578	10,168	76.7
1942	1,858	14.0	870	6.6	659	5.0	3,386	25.6	9,654	9,250	69.9
1943	<sup>6</sup> 1,643	12.7	<sup>7</sup> 727	5.6	723	5.6	3,093	23.9	8,802	8,507	65.6
1944	<sup>6</sup> 1,781	13.8	<sup>7</sup> 774	6.0	729	5.6	3,284	25.4	8,909	8,608	66.6
1945	<sup>6</sup> 1,604	12.4	<sup>7</sup> 747	5.8	763	5.9	3,114	24.0	8,518	8,245	63.5
1946	<sup>6</sup> 1,643	11.8	<sup>7</sup> 906	6.5	804	5.8	3,353	24.1	9,141	8,861	63.6
1947 <sup>3</sup>	2,143	14.9	973	6.8	807	5.6	3,923	27.3	10,261	9,948	69.3

<sup>1</sup> Mainly salad and cooking oils. Includes all oils and fats (other than butter, lard, oleomargarine, or shorten ing) used in mayonnaise and salad dressing, bakery goods, confectionery, commercial roasting and frying, etc.

<sup>2</sup> Including only the fat content of butter, estimated at 80.5 percent of total weight. <sup>3</sup> Preliminary.

<sup>4</sup> Fat equivalent of soap used in manufactures (rubber, textiles, etc.) is included with "Other industrial products."

<sup>5</sup> Paints, varnishes, floor coverings, oilcloth, printing inks, core oils, synthetic resins, insulation, linings, pack- ings, coated fabrics (other than oilcloth), caulking and other protective coatings.

<sup>6</sup> Revised to exclude use of tall oil.

<sup>7</sup> Revised to include use of fatty acids and other secondary fatty materials.

Bureau of Agricultural Economics. Computed from data given in reports of the Bureau of the Census, Fish and Wildlife Service, and U. S. Department of Agriculture. Totals computed from unrounded numbers.



TABLE 211.—Fats, oils, and glycerine: Wholesale price per pound, average 1935-39, annual 1943-47

Item and market	Average 1935-39	1943	1944	1945	1946	1947
Butter, 92-score, Chicago <sup>1</sup> .....	Cents 29.3	Cents 44.0	Cents 41.5	Cents 42.3	Cents 61.9	Cents 70.6
Butter, 92-score, New York <sup>1</sup> .....	30.2	44.8	42.4	43.1	62.8	71.3
Oleomargarine, domestic vegetable, 1-pound cartons, Chicago.....	<sup>2</sup> 15.3	19.0	19.0	19.0	23.0	36.9
Shortening, containing animal fat, 1-pound cartons, Chicago <sup>3</sup> .....	11.4	17.0	17.0	17.0	<sup>4</sup> 21.1	32.2
Shortening, cottonseed, hydrogenated, 10-drum lots, New York.....	.....	17.8	17.8	17.8	<sup>4</sup> 19.7	32.7
Lard, loose, Chicago.....	9.8	12.8	12.5	12.8	19.1	22.5
Lard, prime steam, tierces, Chicago.....	10.2	13.8	13.6	13.8	20.3	23.9
Lard, refined, 1-pound cartons, Chicago <sup>3</sup> .....	11.3	15.6	15.6	15.6	23.6	25.6
Oleo oil, extra, tierces, Chicago.....	10.4	<sup>4</sup> 13.0	<sup>4</sup> 13.0	13.0	<sup>4</sup> 18.3	25.7
Oleostearine, barrels, New York <sup>5</sup> .....	8.7	10.5	10.5	<sup>4</sup> 10.5	.....	<sup>4</sup> 23.2
Tallow, edible, Chicago.....	7.3	9.9	9.9	9.9	14.0	20.5
Corn oil, crude, tanks, midwestern mills.....	8.0	12.8	12.8	12.8	15.6	25.7
Corn oil, refined, edible, drums, 1 c. l., New York <sup>5</sup> .....	10.8	16.2	16.4	16.6	<sup>4</sup> 20.1	32.4
Cottonseed oil, crude, tanks, southeastern mills.....	7.6	12.8	12.8	12.8	15.8	25.9
Cottonseed oil, prime summer yellow, tank cars, New York.....	8.8	14.0	14.2	14.3	<sup>4</sup> 17.8	27.7
Cottonseed oil, refined, edible, salad, New York.....	10.9	16.2	16.2	16.4	<sup>4</sup> 20.3	<sup>7</sup> 33.0
Peanut oil, crude, tanks, mills.....	8.0	13.0	13.0	13.0	15.9	26.3
Peanut oil, refined, edible (white), drums, New York <sup>8</sup> .....	11.5	16.5	16.4	16.5	<sup>4</sup> 19.2	33.4
Soybean oil, crude, tank cars, midwestern mills.....	6.8	11.8	11.8	11.8	14.6	23.3
Soybean oil, edible, drums, 1 c. l., New York <sup>9</sup> .....	9.5	14.9	15.1	15.4	19.0	29.1
Sunflower oil, semi-refined, tank cars, New York.....	10.6	14.3	14.3	14.3	<sup>4</sup> 14.3	.....
Babassu oil, tanks, New York.....	6.4	.....	11.1	11.1	<sup>4</sup> 11.5	<sup>4</sup> 19.1
Coconut oil, Manila, crude, tanks, f. o. b. Pacific Coast <sup>10 11</sup> .....	7.3	11.0	11.0	11.0	12.9	20.7
Coconut oil, Ceylon type, crude, tanks, New York <sup>10 12</sup> .....	7.6	11.8	11.8	11.8	14.1	21.6
Coconut oil, edible, New York <sup>13</sup> .....	9.6	12.8	12.8	12.8	12.9	25.5
Olive oil, imported, edible, drums, New York <sup>14 15</sup> .....	26.3	69.4	<sup>4</sup> 60.9	60.7	<sup>16</sup> 96.1	88.7
Olive oil, California, edible, drums, New York <sup>14</sup> .....	.....	62.1	.....	.....	<sup>4</sup> 59.4	73.6
Olive oil, inedible (denatured), drums, New York <sup>17</sup> .....	14.0	54.2	.....	.....	.....	.....
Olive oil, "foots", prime, drums, New York <sup>18</sup> .....	8.8	19.0	.....	.....	<sup>4</sup> 18.0	.....
Palm oil, Niger, drums, New York <sup>19</sup> .....	7.6	11.6	.....	.....	.....	.....
Palm oil, Congo, crude, bulk, New York.....	.....	11.4	11.4	11.4	<sup>4</sup> 12.3	.....
Rapeseed oil, refined, denatured, bulk, c. l. f. New York <sup>20 21</sup> .....	8.6	11.5	<sup>4</sup> 11.5	<sup>22</sup> 11.6	<sup>4</sup> 14.5	<sup>4</sup> 32.0
Rapeseed oil, blown, drums, New York <sup>21</sup> .....	11.0	.....	.....	.....	.....	.....
Teaseed oil, crude, drums, New York.....	9.8	.....	.....	.....	.....	.....
Tallow, inedible, prime or extra, carlots, Chicago.....	6.6	8.6	8.6	8.6	11.2	19.2
Grease, A white, Chicago.....	6.3	8.8	8.8	8.8	11.3	18.9
Menhaden oil, crude, tanks, Baltimore.....	4.4	8.8	8.8	8.9	11.1	<sup>4</sup> 18.7
Menhaden oil, light pressed, refined, drums, New York <sup>23</sup> .....	7.2	12.4	12.6	13.0	15.9	24.9
Sardine oil, crude, tanks, Pacific Coast <sup>24</sup> .....	4.8	8.9	8.9	8.9	11.6	<sup>4</sup> 22.2
Sperm oil, natural 45°, drums, New York <sup>25</sup> .....	8.7	12.8	13.1	13.1	<sup>4</sup> 13.1	<sup>4</sup> 26.9
Whale oil, refined, bleached winter, drums, New York.....	8.7	11.9	12.3	12.3	<sup>4</sup> 12.3	.....
Cottonseed-oil foots, raw (50 percent t. f. a.) delivered, East <sup>26</sup> .....	1.8	<sup>4</sup> 3.6	3.6	3.6	<sup>4</sup> 4.6	6.0
Linseed oil, raw, tank cars, Minneapolis.....	9.2	14.4	14.3	14.3	18.4	32.8
Linseed oil, raw, nonreturnable drums, carlots, New York <sup>27</sup> .....	9.7	15.6	15.6	15.5	19.9	34.3
Oiticica oil, drums, New York.....	13.6	26.2	21.9	23.7	26.8	28.9
Perilla oil, drums, New York.....	10.2	24.5	.....	.....	.....	.....
Tung oil, drums, New York.....	16.7	39.0	39.0	39.0	39.1	30.5
Castor oil, No. 3, drums, New York <sup>28</sup> .....	9.7	13.8	13.8	13.8	17.6	29.8
Castor oil, No. 1, tanks, New York.....	9.4	13.0	13.0	13.0	<sup>4</sup> 18.1	29.1
Castor oil, dehydrated, drums, New York.....	.....	<sup>4</sup> 18.4	17.9	17.9	22.1	33.6
Cod-liver oil, med., U.S.P., Norwegian, barrels, New York <sup>29</sup> .....	11.5	36.5	33.6	32.9	36.8	39.5
Cod oil, Newfoundland, drums, New York <sup>14 15</sup> .....	5.7	12.0	11.8	11.6	<sup>4</sup> 11.9	<sup>4</sup> 21.6
Glycerine, soaply, 80 percent basis, tanks, New York.....	11.1	11.5	11.0	10.7	16.1	31.4

For footnotes see page 170.

TABLE 212.—Fats and oils: Index numbers of wholesale prices, 1941-47

[1935-39=100]

Item	1941	1942	1943	1944	1945	1946	1947
8 domestic fats and oils.....	108	135	144	140	142	201	252
All fats and oils (27 items).....	116	142	151	148	149	205	262
Grouped by origin:							
Animal fats.....	110	133	145	139	142	206	244
Marine animal oils.....	142	164	169	170	170	218	404
Vegetable oils, domestic.....	117	151	157	160	160	197	318
Vegetable oils, foreign.....	144	173	176	177	177	206	295
Grouped by use:							
Butter.....	115	134	146	139	142	209	240
Lard.....	87	124	135	132	135	199	234
Other food fats.....	131	164	164	168	168	205	308
All food fats.....	114	139	149	145	148	208	254
Soap fats.....	124	154	150	150	150	182	297
Drying oils.....	126	156	175	175	174	212	327
Miscellaneous.....	127	152	155	154	154	188	322
All industrial fats and oils.....	124	155	160	160	160	194	311

Bureau of Agricultural Economics. Index numbers for earlier years, beginning 1910, are given in The Fats and Oils Situation, January-February 1946.

## (Footnotes to Table 211)

<sup>1</sup> 1935-39 prices refer to open market sales only; 1943-47, to all types of wholesale trading for cash or short-time credit.

<sup>2</sup> Average 1936-39.

<sup>3</sup> Hardwood tubs, 1935-39.

<sup>4</sup> Average for less than 12 months.

<sup>5</sup> Loose, March-August 1947; tierces, September-December 1947.

<sup>6</sup> Quoted as refined, drums, September-December 1947; refined, barrels, 1935-39.

<sup>7</sup> Quoted as refined drums, September-December 1947.

<sup>8</sup> Quoted as refined, September-December 1947; domestic, refined, before 1944. Barrels before June 1943.

<sup>9</sup> Quoted as refined before 1939 and after August 1947.

<sup>10</sup> Prices as originally quoted have been adjusted to include the 3-cents-per-pound tax on first domestic processing.

<sup>11</sup> C. i. f. bulk, 1943-October 1946.

<sup>12</sup> Manila type, 1935-41. Atlantic ports, type unspecified, after April 1947.

<sup>13</sup> Tanks before 1942. Quoted as Cochin type, refined, in 1947. January-May 1947, 1 cent per pound added to original quotations, which were for oil in tankers.

<sup>14</sup> Converted from price per gallon on the basis of 7.5 pounds per gallon.

<sup>15</sup> Barrels, 1935-39.

<sup>16</sup> Average, July-December.

<sup>17</sup> Barrels, 1935-39; converted from dollars per gallon at the rate of 7.5 pounds per gallon.

<sup>18</sup> Barrels, before September 1939.

<sup>19</sup> Casks, 1935-39.

<sup>20</sup> Barrels, 1935-39; drums, carlots, January-April 1947; tanks, October-December 1947.

<sup>21</sup> An excise tax of 4.5 cents per pound on imports of rapeseed oil became effective Aug. 21, 1936; but on July 1, 1938, rapeseed oil for use in rubber substitutes or lubricating oil was exempted from the tax. Since these are the major uses of rapeseed oil in the United States, the prices shown here are exclusive of tax after June 1938.

<sup>22</sup> C. i. f. New Orleans.

<sup>23</sup> Drums, carlots, 1935-November 1944; less than carlots, beginning December 1944.

<sup>24</sup> 1935-39, converted from price per gallon on the basis of 7.5 pounds per gallon.

<sup>25</sup> Quoted as natural before May 1943.

<sup>26</sup> Quoted as soap stock, 50 percent f. f. a., f. o. b. consuming point before March 1943.

<sup>27</sup> Barrels, 1935-39. 1943-April 1945, 0.5 cent per pound added to original quotations, which were for oil in returnable drums.

<sup>28</sup> Barrels before July 1946.

<sup>29</sup> Converted from price per barrel on the basis of 230.4 pounds per barrel.

Bureau of Agricultural Economics. Compiled from Oil, Paint, and Drug Reporter; The National Provisioner; The Journal of Commerce (New York); Chicago Journal of Commerce, and reports of the Production and Marketing Administration and the Bureau of Labor Statistics. Excise taxes and duties are included where applicable.

## CHAPTER IV

### STATISTICS OF FRUITS, VEGETABLES, MELONS, TREE NUTS, AND BEVERAGE CROPS

These crops are arranged in four groups within the chapter: fruits and berries; vegetables and melons; tree nuts; and beverage crops (coffee, tea, and cacao beans). Summary tables on inspections, unloads, and cold-storage holdings of both fruits and vegetables are near the end of the chapter.

Tables on canned orange juice, sweetpotato production and disposition, an international trade table on apples, and a table on supply and distribution of tree nuts, have been added this year.

#### Fruits

Estimates of fruit production pertain to the harvested crop and for some years include quantities not harvested because of low prices or other economic factors. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. Production relates to the total crop produced on farms, including commercial and home production, except for apples and strawberries for which the production relates to commercial areas only. The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations.

The estimates are reviewed (and revised if necessary) at 5-year intervals, when census data show the numbers of trees and harvested production of fruits by kinds, in each State and county. The estimates for census years do not always agree with census data because of allowances for economic abandonment and the varying degree of completeness in the census data. Census data are more likely to be incomplete for types of crops which occur only infrequently in any locality. However, the Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries.

TABLE 213.—Production <sup>1</sup> of 18 fruits in tons, United States, 1929-47

Year	Apples		Peaches	Pears	Grapes	Cherries	Plums	Prunes (fresh basis)	Apricots	Figs (fresh basis)	Olives, California
	All	Com- mercial crop <sup>2</sup>									
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1929	3,242	1,089	535	2,086	98	44	522	220	61	21	
1930	3,759	1,353	668	2,458	122	90	855	198	74	20	
1931	4,930	1,868	623	1,647	126	72	685	281	58	16	
1932	3,523	1,059	603	2,233	145	74	587	273	64	22	
1933	3,567	1,107	591	1,939	136	62	587	271	71	14	
1934	3,077	2,544	1,166	693	1,958	138	68	598	154	79	
1935	4,186	3,370	1,331	642	2,477	146	54	852	228	84	
1936	2,804	2,353	1,170	673	1,897	124	68	568	257	72	
1937	4,835	3,676	1,441	721	2,726	148	71	714	324	100	
1938	3,011	2,537	1,294	781	2,671	144	66	854	185	107	
1939		3,342	1,541	721	2,449	184	77	673	332	88	
1940		2,674	1,388	730	2,466	173	74	543	127	112	
1941		2,933	1,809	719	2,725	162	77	583	214	121	
1942		3,041	1,601	746	2,396	197	76	542	228	103	
1943		2,095	1,026	593	2,965	116	78	625	104	134	
1944		2,910	1,877	773	2,712	196	96	507	352	125	
1945		1,603	1,957	812	2,781	149	73	711	192	113	
1946		2,866	2,079	848	3,160	230	106	688	339	129	
1947 <sup>3</sup>		2,713	1,982	868	3,072	173	78	597	198	131	

  

Year	Avocados	Oranges (exclud- ing Florida tan- gerines)	Tange- rines, Florida	Grape- fruit	Lemons, Califor- nia	Limes, Florida	Cran- berries	Straw- berries, com- mercial crop	18 fruits	
									Includ- ing all apples	Including apples in commercial areas only
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1929	.8	1,181	38	435	232	.3	28	232	10,065	-----
1930	2.8	2,017	108	731	302	.3	29	165	12,952	-----
1931	3.4	1,808	90	588	292	.4	33	207	13,328	-----
1932	3.1	1,893	86	581	255	.4	29	236	11,666	-----
1933	4.7	1,747	90	561	277	.5	35	219	11,279	-----
1934	11.3	2,337	90	820	408	.6	22	188	11,826	11,293
1935	6.2	1,919	94	693	296	.5	26	195	13,262	12,446
1936	6.8	2,019	135	1,197	288	1.8	25	162	11,495	11,044
1937	7.3	2,776	104	1,198	354	2.8	44	195	15,789	14,630
1938	17.0	2,962	153	1,698	422	3.8	24	180	14,618	14,144
1939	10.0	2,850	108	1,359	455	3.8	35	212	-----	14,463
1940	15.5	3,213	122	1,669	655	3.2	29	222	-----	14,285
1941	19.8	3,394	94	1,564	463	6.0	36	225	-----	15,200
1942	17.7	3,539	189	1,979	588	7.0	41	232	-----	15,580
1943	25.9	4,293	162	2,191	436	7.6	34	116	-----	15,058
1944	15.3	4,514	180	2,034	496	10.0	19	79	-----	16,937
1945	22.4	4,213	189	2,485	571	8.0	33	94	-----	16,036
1946	16.0	4,767	212	2,330	545	6.8	43	126	-----	18,539
1947 <sup>3</sup>	15.5	4,665	180	2,427	508	6.8	40	160	-----	17,854

<sup>1</sup> For some crops in certain years, production includes some quantities unharvested on account of economic conditions. Apples, peaches, pears, citrus fruit, cranberries, and strawberries, which are estimated in units other than tons, are converted to equivalent tons in this table.

<sup>2</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1944, table 188.

TABLE 214.—Apples: Production, value, and foreign trade, United States, 1929-47

Year	Apples, total crop				Apples, commercial crop <sup>2</sup>				Foreign trade, year beginning July 3 <sup>4</sup>				
	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Domestic exports		Imports, fresh and dried, in terms of fresh	Net exports in terms of fresh fruit <sup>5</sup>	
									Fresh <sup>3</sup>	Canned, in terms of fresh			
	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1929	126,453	135,102	1.39	187,792	106,005	104,757	.88	91,667	8,092	3,571	561	28	12,166
1929	155,153	135,102	1.39	187,792	106,005	104,757	.88	91,667	8,092	3,571	561	28	12,166
1930	156,623	156,623	1.03	161,677	140,398	131,843	.72	94,797	12,239	5,032	900	5	18,165
1931	205,404	203,304	1.04	229,230	98,025	97,295	1.04	101,025	6,755	3,343	503	36	10,564
1932	146,809	142,589	.61	86,886	153,169	141,035	.64	90,757	40,958	4,062	497	5	15,511
1933	148,640	144,040	.79	113,908	105,718	101,850	.82	83,851	12,071	5,112	625	47	17,761
1934	128,233	126,858	.89	112,308	139,247	124,729	.64	80,113	3,216	2,490	538	107	6,137
1935	174,407	164,778	.73	120,066	111,436	106,811	.80	85,283	867	514	29	588	822
1936	116,827	115,910	1.04	121,028	122,217	119,642	.96	114,796	1,730	2,297	73	11	4,089
1937	201,459	185,906	.67	123,818	136,707	118,368	1.37	161,850	435	1,611	24	541	1,529
1938	125,440	121,249	.83	100,808	87,310	87,310	2.39	208,775	317	2,408	157	178	2,764
1939	150,093	139,247	1.04	139,247	124,729	124,729	.64	80,113	3,216	2,490	538	107	6,137
1940	150,093	139,247	1.04	139,247	124,729	124,729	.64	80,113	3,216	2,490	538	107	6,137
1941	150,093	139,247	1.04	139,247	124,729	124,729	.64	80,113	3,216	2,490	538	107	6,137
1942	150,093	139,247	1.04	139,247	124,729	124,729	.64	80,113	3,216	2,490	538	107	6,137
1943	150,093	139,247	1.04	139,247	124,729	124,729	.64	80,113	3,216	2,490	538	107	6,137
1944	150,093	139,247	1.04	139,247	124,729	124,729	.64	80,113	3,216	2,490	538	107	6,137
1944	150,093	139,247	1.04	139,247	124,729	124,729	.64	80,113	3,216	2,490	538	107	6,137
1945	150,093	139,247	1.04	139,247	124,729	124,729	.64	80,113	3,216	2,490	538	107	6,137
1946	150,093	139,247	1.04	139,247	124,729	124,729	.64	80,113	3,216	2,490	538	107	6,137
1947 <sup>9</sup>	150,093	139,247	1.04	139,247	124,729	124,729	.64	80,113	3,216	2,490	538	107	6,137

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State. Since 1938, official estimates of apple production have been restricted by law to the commercial crop.

<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

<sup>4</sup> Dried and canned are converted to terms of fresh apples on following basis: 1 pound of dried is equivalent to about 7 pounds fresh through 1942 (beginning 1943, 1 pound dried is equivalent to 8 pounds fresh); 1 pound of canned is

equivalent to about 2 pounds fresh; 48 pounds fresh equal 1 bushel. No re-exports reported.

<sup>5</sup> Excludes apple waste.

<sup>6</sup> Beginning January 1933, includes apple waste, not separately reported prior to this date.

<sup>7</sup> Total exports (domestic plus foreign) minus imports. Beginning 1933, domestic exports minus imports for consumption.

<sup>8</sup> Preliminary.

<sup>9</sup> Beginning 1933, imports for consumption. Bureau of Agricultural Economics. Italic figures are census returns of harvested production. Data for 1909-28 in Agricultural Statistics, 1944, table 189.

TABLE 215.—Apples, commercial crop<sup>1</sup>: Production by varieties, by States and areas, 1946 and 1947

Variety	New England		New York		New Jersey		Pennsylvania		Total North Atlantic States		Virginia	
	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>
Summer:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Gravenstein.....	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels
Other summer.....	75	150	-----	-----	59	19	-----	-----	134	169	-----	-----
Fall:	112	146	907	451	238	155	171	132	1,428	884	389	155
Grimes Golden.....	-----	-----	-----	-----	119	77	300	265	419	342	519	330
Jonathan.....	-----	-----	-----	-----	59	39	685	397	744	436	389	125
Wealthy.....	244	220	1,058	602	89	77	257	198	1,648	1,097	-----	-----
Other fall.....	55	68	605	451	149	97	214	198	1,023	814	519	280
Winter:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Baldwin.....	678	1,449	1,058	2,106	59	116	171	331	1,966	4,002	-----	-----
Ben Davis and Gano.....	50	46	756	752	-----	-----	171	132	977	930	519	255
Black Twig (Paragon).....	-----	-----	-----	-----	89	19	300	191	389	210	519	150
Cortland.....	291	362	1,360	1,354	-----	-----	171	198	1,822	1,914	-----	-----
Delicious.....	276	336	605	602	267	174	685	397	1,833	1,509	1,427	455
Golden Delicious.....	31	31	-----	-----	149	155	300	265	480	451	389	291
McIntosh.....	2,482	3,315	3,930	4,063	178	213	257	331	6,847	7,922	-----	-----
Northern Spy.....	209	280	756	903	-----	-----	86	66	1,051	1,249	-----	-----
R. I. Greening.....	76	130	1,965	2,106	30	19	10	7	2,081	2,262	-----	-----
Rome Beauty.....	26	28	1,058	602	653	388	1,114	860	2,851	1,878	130	50
Stayman.....	11	13	-----	-----	624	272	2,399	1,322	3,034	1,607	1,687	515
Winesap.....	-----	-----	-----	-----	59	19	86	66	145	85	2,076	683
Yellow Newtown <sup>3</sup> .....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	519	280
York Imperial.....	-----	-----	-----	-----	30	19	1,028	1,124	1,058	1,143	3,633	1,378
Other winter.....	271	317	1,058	1,053	119	77	163	132	1,611	1,579	260	125
Total.....	4,887	6,891	15,116	15,045	2,970	1,935	8,568	6,612	31,541	30,483	12,975	5,072

  

Variety	West Virginia		North Carolina		Maryland and Delaware		Total South Atlantic States		Ohio		Illinois	
	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>
Summer:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Gravenstein.....	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels
Other summer.....	205	85	12	8	211	119	817	367	118	122	322	500
Fall:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grimes Golden.....	455	310	25	23	139	95	1,138	758	211	182	250	307
Jonathan.....	205	141	12	8	85	36	691	310	305	425	858	1,000
Wealthy.....	-----	-----	-----	-----	106	44	106	44	117	122	71	87
Other fall.....	205	141	75	31	66	48	865	500	24	61	36	84
Winter:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Baldwin.....	-----	-----	-----	-----	-----	-----	-----	-----	141	577	-----	-----
Ben Davis and Gano.....	150	121	25	15	27	16	721	407	24	30	71	100
Black Twig (Paragon).....	150	56	63	23	222	88	954	317	(4)	40	-----	-----
Cortland.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Delicious.....	405	254	250	115	252	111	2,334	935	141	213	322	335
Golden Delicious.....	205	85	137	77	81	49	812	502	118	122	286	440
McIntosh.....	-----	-----	-----	-----	-----	-----	-----	-----	94	122	-----	-----
Northern Spy.....	-----	-----	-----	-----	-----	-----	-----	-----	24	30	-----	-----
R. I. Greening.....	-----	-----	-----	-----	-----	-----	-----	-----	24	30	-----	-----
Rome Beauty.....	355	225	63	61	175	89	723	425	540	456	71	84
Stayman.....	710	225	237	215	515	209	3,149	1,164	211	182	36	50
Winesap.....	100	65	87	39	45	20	2,308	807	-----	-----	107	100
Yellow Newtown <sup>3</sup> .....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
York Imperial.....	1,775	1,027	25	15	438	270	5,871	2,690	47	30	-----	-----
Other winter.....	155	85	237	138	192	78	844	426	211	294	1,143	1,100
Total.....	5,075	2,820	1,248	768	2,554	1,272	21,852	9,932	2,350	3,038	3,573	4,187

See footnotes at end of table.

TABLE 215.—Apples, commercial crop<sup>1</sup>: Production by varieties, by States and areas, 1946 and 1947—Continued

Variety	Michigan		Missouri		Other Central States <sup>5</sup>		Total Central States		Idaho		Colorado	
	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Summer:												
Gravenstein												
Other summer	455	300	62	116	350	421	1,307	1,459	12	21	22	30
Fall:												
Grimes Golden	362	255	49	117	287	335	1,159	1,196	12	21	33	40
Jonathan	1,735	1,150	418	436	815	898	4,131	3,909	260	519	418	500
Wealthy	546	385	12	34	470	364	1,216	992			11	16
Other fall	132	120	25	31	107	207	324	503	6	10	11	20
Winter:												
Baldwin	295	510			12	30	448	1,117				
Ben Davis and Gano	113	115	98	116	192	242	498	603	6	10	44	227
Black Twig (Paragon)					10	18	10	18				
Cortland					70	72	70	112				
Delicious	405	460	148	165	307	404	1,323	1,577	420	520	121	220
Golden Delicious	120	120	98	202	310	518	932	1,402	6	10		
McIntosh	1,155	1,020			262	230	1,511	1,372				
Northern Spy	812	775			12	15	848	820				
R. I. Greening	217	135			5	5	246	170				
Rome Beauty					193	194	804	734	388	693	198	235
Stayman	80	50	49	79	243	273	619	634	6	21		
Winesap			86	106	233	272	426	478	80	125	198	220
Yellow Newtown <sup>3</sup>												
York Imperial			62	70	87	92	196	192				
Other winter	1,133	1,005	123	158	309	349	2,919	2,906	37	125	44	60
Total	7,560	6,400	1,230	1,630	4,274	4,939	18,987	20,194	1,233	2,075	1,100	1,568

Variety	Washington		Oregon		California		Other Western States <sup>6</sup>		Total Western States		Total 35 States	
	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Summer:												
Gravenstein			75	43	2,677	4,211			2,752	4,254	2,886	4,423
Other summer	33	34	8	7	76	111	25	23	176	226	3,728	2,936
Fall:												
Grimes Golden							29	12	74	73	2,790	2,369
Jonathan	2,126	1,975	61	71	230	332	262	297	3,357	3,694	8,923	8,349
Wealthy							10	9	21	25	2,991	2,158
Other fall	65	67	15	15	688	665	36	19	821	795	3,033	2,613
Winter:												
Baldwin											2,414	5,119
Ben Davis and Gano							82	76	132	313	2,328	2,253
Black Twig (Paragon)							48	30	48	30	1,401	575
Cortland											1,892	2,026
Delicious	17,009	17,912	763	803	459	776	300	260	19,072	20,491	24,562	24,512
Golden Delicious	785	603							791	613	3,015	2,968
McIntosh	65	67					19	205	84	272	8,442	9,566
Northern Spy											1,599	2,069
R. I. Greening											2,327	2,432
Rome Beauty	2,028	1,908	80	85	382	554	234	185	3,310	3,060	7,088	6,697
Stayman	327	435					48	56	381	512	7,183	3,917
Winesap	9,519	9,810	49	40	153	222	124	97	10,123	10,514	13,002	11,884
Yellow Newtown <sup>3</sup>	491	368	1,398	1,312	1,912	2,881			3,801	4,561	4,320	4,841
York Imperial							19	6	19	6	7,144	4,031
Other winter	262	301	521	488	1,071	1,330	133	88	2,068	2,392	7,442	7,303
Total	32,710	33,480	2,970	2,864	7,648	11,082	1,369	1,363	47,030	52,432	119,410	113,041

<sup>1</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

<sup>2</sup> Preliminary. <sup>3</sup> Albarbaro Pippin synonymous with Yellow Newtown. <sup>4</sup> Included in "other winter."

<sup>5</sup> Indiana, Wisconsin, Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee, and Arkansas.

<sup>6</sup> Montana, New Mexico, and Utah.

TABLE 216.—Apples, commercial crop<sup>1</sup>: Production and season average price per bushel received by farmers, by States, average 1936-45, annual 1945-47

Area and State	Production <sup>2</sup>				Price for crop of—			
	Average 1936-45	1945	1946	1947 <sup>3</sup>	Average 1936-45	1945	1946	1947 <sup>3</sup>
Eastern States:								
North Atlantic:								
Maine.....	643	149	767	930	1.56	4.35	3.20	2.80
New Hampshire.....	730	175	456	838	1.62	4.31	3.25	2.40
Vermont.....	601	144	424	<sup>4</sup> 799	1.66	4.31	3.15	2.60
Massachusetts.....	2,495	465	2,000	2,864	1.58	4.02	3.15	2.25
Rhode Island.....	238	68	129	187	1.63	4.07	3.15	2.55
Connecticut.....	1,314	467	1,111	<sup>4</sup> 1,273	1.72	4.31	3.20	2.65
New York.....	14,700	2,160	<sup>4</sup> 15,116	<sup>4</sup> 15,045	1.50	3.85	2.35	1.45
New Jersey.....	2,887	1,575	2,970	1,935	1.53	3.58	2.60	2.10
Pennsylvania.....	7,853	2,375	8,568	6,612	1.47	3.77	2.50	1.90
Total.....	31,460	7,578	31,541	30,483	1.51	3.84	2.54	1.83
South Atlantic:								
Delaware.....	897	258	682	334	1.30	2.97	2.05	1.85
Maryland.....	1,727	702	1,872	938	1.30	3.02	2.10	1.85
Virginia.....	10,196	3,800	<sup>4</sup> 12,975	5,072	1.34	3.27	1.95	1.55
West Virginia.....	4,125	1,998	5,075	2,820	1.22	3.23	2.30	1.90
North Carolina.....	1,011	194	1,248	768	1.22	2.77	2.25	2.20
Total.....	17,956	6,952	21,852	9,932	1.30	3.21	2.07	1.74
Total Eastern States.....	49,417	14,530	53,393	40,415	1.42	3.54	2.35	1.81
Central States:								
North Central:								
Ohio.....	4,379	780	2,350	<sup>4</sup> 3,038	1.48	3.64	2.80	1.90
Indiana.....	1,399	730	1,174	<sup>4</sup> 1,489	1.51	3.09	2.80	2.05
Illinois.....	2,908	2,332	3,573	4,187	1.59	2.95	2.70	1.75
Michigan.....	7,132	1,250	7,560	<sup>4</sup> 6,400	1.37	3.38	2.10	1.35
Wisconsin.....	647	316	996	799	1.49	3.60	2.00	2.10
Minnesota.....	189	117	65	<sup>4</sup> 272	1.50	3.36	2.70	2.20
Iowa.....	201	58	124	108	1.75	3.91	2.60	2.50
Missouri.....	1,263	882	1,230	1,630	1.57	3.10	2.65	2.10
Nebraska.....	233	39	68	88	1.70	3.19	2.90	2.30
Kansas.....	638	324	514	<sup>4</sup> 755	1.65	3.08	2.85	2.25
Total.....	18,989	6,828	17,654	18,766	1.44	3.19	2.42	1.74
South Central:								
Kentucky.....	274	220	278	276	1.32	2.51	2.45	2.30
Tennessee.....	337	405	378	396	1.48	2.47	2.55	2.40
Arkansas.....	616	269	677	756	1.33	2.61	2.40	1.25
Total.....	1,227	894	1,333	1,428	1.36	2.52	2.45	1.82
Total Central States.....	20,216	7,722	18,987	20,194	1.44	3.12	2.43	1.74
Western States:								
Montana.....	281	241	50	<sup>4</sup> 238	1.34	2.80	3.00	1.95
Idaho.....	2,447	2,299	<sup>4</sup> 1,233	<sup>4</sup> 2,075	1.34	3.05	2.80	1.30
Colorado.....	1,598	1,275	<sup>4</sup> 1,100	<sup>4</sup> 1,568	1.26	2.99	2.30	1.95
New Mexico.....	710	500	955	<sup>4</sup> 620	1.42	3.04	2.90	2.30
Utah.....	470	486	<sup>4</sup> 364	<sup>4</sup> 505	1.39	2.80	2.70	2.00
Washington.....	26,955	26,530	32,710	<sup>4</sup> 33,480	1.52	3.04	2.80	2.05
Oregon.....	2,988	2,645	2,970	<sup>4</sup> 2,864	1.34	2.84	2.50	1.57
California.....	7,814	10,568	7,648	11,082	1.01	2.18	1.78	.93
Total Western States.....	43,264	44,544	47,030	52,432	1.39	2.82	2.60	1.77
Total 35 States.....	112,896	66,796	119,410	113,041	1.39	3.01	2.46	1.78

<sup>1</sup> Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

<sup>2</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1946 and 1947, estimates of such quantities were as follows (1,000 bushels): 1946—Virginia, 100; 1947—Connecticut, 25; New York, 451; Ohio, 91; Indiana, 30; Illinois, 375; Michigan, 200; Minnesota, 14; Nebraska, 3; Kansas 23; Arkansas, 113; Montana, 29; Idaho, 58; California, 1,125. Prices apply only to the harvested portion of the crop.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes the following quantities harvested but not utilized because of abnormal cullage (1,000 bushels): 1946—New York, 227; Virginia, 100; Idaho, 20; Colorado, 20; Utah, 40; 1947—Vermont, 16; Connecticut, 25; New York 438; Ohio, 152; Indiana, 70; Michigan, 55; Minnesota, 28; Kansas, 37; Montana, 21; Idaho, 104; Colorado, 232; New Mexico, 37; Utah, 65; Washington, 670; Oregon, 20.



TABLE 217.—Apples: Production in specified countries, averages 1930-34 and 1935-39, annual 1942-47<sup>1</sup>

Continent and country	Average		1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:								
Canada.....	13,277	14,560	12,982	12,892	17,829	7,635	19,282	15,619
Mexico.....	1,291	1,231	1,729	1,769	1,790	1,856	2,041	2,021
United States <sup>3</sup> .....	<sup>4</sup> 106,005	127,311	126,707	87,310	121,266	66,796	119,410	113,041
Total.....	120,573	143,102	141,418	101,971	140,885	76,287	140,733	130,681
Europe:								
Austria.....	8,522	13,386	11,730	5,208	13,907	10,000	28,448	15,000
Belgium.....	<sup>4</sup> 3,407	5,435	5,893	5,215	6,283	5,511	2,296	13,779
Bulgaria.....	97	1,064	3,556	5,475	4,919	3,569	2,677	1,766
Czechoslovakia.....	10,550	6,991	4,627	3,120	3,913	3,458	9,620	9,600
Denmark.....	3,125	2,818	3,766	5,925	5,190	4,409	7,440	6,000
Finland.....	1,208	1,023	905	1,875	1,120	1,075	1,817	1,708
France:								
Dessert and cooking.....	8,444	10,499	4,422	8,144	18,481	8,471	13,103	13,071
Cider.....	98,332	153,973	74,428	38,477	280,830	22,307	71,059	66,043
Germany.....	55,346	50,015	19,309	79,935	43,173	35,000	22,000	54,353
Greece.....	240	454	564	648	731	815	965	1,291
Hungary.....	620	2,145	1,590	1,060	1,330	689	919	2,104
Italy.....	14,119	13,107	11,083	20,274	14,701	13,667	13,748	22,217
Luxembourg:								
Dessert and cooking.....	245	193	144	264	600	274	428	427
Cider.....	125	93	54	28	205	16	52	49
Netherlands.....	<sup>4</sup> 2,280	3,631	3,904	3,445	4,134	3,628	1,837	10,472
Norway.....	1,192	1,080	683	721	468	311	1,496	1,188
Poland.....	10,023	17,114	6,615	27,386	14,788	11,979	7,546	18,640
Rumania.....	3,497	3,255	2,786	5,065	3,671	5,512	4,134	2,722
Spain.....	5,231	5,411	6,063	7,300	8,125	5,000	4,500	3,500
Sweden.....	5,945	4,770	2,572	4,271	3,215	4,455	4,960	5,052
Switzerland.....	15,614	16,452	16,994	29,854	32,150	12,401	29,854	17,403
United Kingdom:								
Dessert and cooking.....	9,993	10,597	17,519	15,279	15,675	12,073	16,717	33,073
Cider.....	2,868	3,427	2,749	3,645	6,146	1,330	5,133	4,947
Yugoslavia.....	6,007	6,914	6,681	12,148	8,803	8,150	8,727	7,711
Total.....	267,030	333,847	208,637	284,762	492,558	174,100	259,476	312,116
Total, excluding cider.....	165,705	176,354	131,406	242,612	205,377	150,447	183,232	241,077
Asia:								
Lebanon.....	<sup>5</sup> 85	<sup>5</sup> 104	276	280	489	597	643	689
Palestine.....	50	65	151	130	91	226	231	240
Syria.....	( <sup>6</sup> )	( <sup>6</sup> )	19	148	102	256	260	271
Turkey.....	6,615	5,149	3,932	3,863	3,514	4,097	5,181	2,797
Japan.....	4,552	7,624	13,006	10,961	8,262	2,967	5,821	4,309
Korea.....	1,918	3,220	7,232	6,075	4,556	1,640	3,214	2,378
Total.....	13,220	16,162	24,616	21,457	17,014	9,783	15,350	10,684
South America:								
Argentina.....	285	1,400	7,235	6,268	8,478	8,162	7,173	4,461
Chile.....	631	1,025	400	600	600	575	700	700
Total.....	916	2,425	7,635	6,868	9,078	8,737	7,873	5,161
Africa:								
Union of South Africa.....	682	1,142	1,000	1,000	875	900	1,000	1,000
Oceania:								
Australia.....	9,555	10,435	9,851	14,523	10,468	15,267	9,612	13,842
New Zealand.....	2,169	2,875	2,276	2,452	2,111	2,702	2,100	3,200
Total.....	11,724	13,310	12,127	16,975	12,579	17,969	11,712	17,042
World total.....	414,145	509,988	395,433	433,033	672,989	287,776	436,144	476,684
World total, excluding cider.....	312,820	352,495	318,202	390,883	385,808	264,123	359,900	405,645

<sup>1</sup> Harvests in Northern Hemisphere countries are for the year shown and are combined with the harvest in Southern Hemisphere of the following year. Estimates in original units of approximately 1 bushel in the following countries: Australia, Canada, Chile, United States, New Zealand, and South Africa. In other countries original estimates, mostly in metric tons, converted to bushels of 48 pounds.

<sup>2</sup> Preliminary. <sup>3</sup> Commercial crop. <sup>4</sup> Less than 5 years. <sup>5</sup> Includes Syria. <sup>6</sup> Included in Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Estimates for countries having changed boundaries have been adjusted to postwar boundaries.

TABLE 218.—Apples, commercial crop: Utilization of production, by States and areas, 1946 and 1947 crops

## CROP OF 1946

State and area	Total production (commercial)	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other <sup>2</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
New England States.....	4,887	4,887	422	4,465	3,765	35	115	494	665
New York.....	15,116	14,889	667	14,222	6,568	3,068	30	10	3,977
Pennsylvania.....	8,568	8,568	700	7,868	3,624	2,704	30	10	1,500
Virginia.....	12,975	12,775	600	12,175	5,700	2,667	357	391	3,060
West Virginia.....	5,075	5,075	315	4,760	2,723	939	94	98	906
Michigan.....	7,560	7,560	325	7,235	4,360	980	-----	400	1,495
Washington.....	32,710	32,710	96	32,614	28,120	725	3,057	267	445
Oregon.....	2,970	2,970	184	2,786	2,339	265	-----	-----	182
California.....	7,648	7,648	112	7,536	3,329	750	2,000	397	1,060
Other States.....	21,901	21,821	2,204	19,617	15,846	901	60	35	2,775
North Atlantic States <sup>3</sup> .....	31,541	31,314	1,860	29,454	16,274	5,845	145	504	6,686
South Atlantic States <sup>4</sup> .....	21,852	21,652	1,519	20,133	10,510	4,369	451	489	4,314
Central States <sup>5</sup> .....	18,987	18,987	1,659	17,328	12,702	1,027	-----	415	3,184
Western States <sup>6</sup> .....	47,030	46,950	587	46,363	36,888	1,793	5,117	684	1,881
Total, 35 States.....	119,410	118,903	5,625	113,278	76,374	13,034	5,713	2,092	16,065

CROP OF 1947<sup>7</sup>

New England States.....	6,891	6,825	539	6,286	5,431	39	-----	-----	816
New York.....	15,045	14,156	667	13,489	6,920	3,140	109	196	3,124
Pennsylvania.....	6,612	6,612	726	5,886	2,956	1,900	-----	60	940
Virginia.....	5,072	5,072	340	4,732	2,472	1,338	-----	53	869
West Virginia.....	2,820	2,820	192	2,628	1,596	640	64	-----	328
Michigan.....	6,400	6,145	325	5,820	3,960	350	-----	200	1,330
Washington.....	33,450	32,810	108	32,702	29,848	247	1,932	84	591
Oregon.....	2,864	2,844	184	2,660	2,277	226	-----	10	147
California.....	11,082	9,957	112	9,845	5,174	650	2,832	30	1,159
Other States.....	22,775	21,293	2,227	19,066	15,946	493	34	104	2,489
North Atlantic States <sup>3</sup> .....	30,483	29,528	2,066	27,522	16,979	5,104	109	256	5,074
South Atlantic States <sup>4</sup> .....	9,932	9,932	931	9,001	5,174	2,359	64	53	1,351
Central States <sup>5</sup> .....	20,194	19,003	1,857	17,146	13,223	390	-----	250	3,283
Western States <sup>6</sup> .....	52,432	50,071	626	49,445	41,234	1,150	4,798	178	2,085
Total, 35 States.....	113,041	108,534	5,420	103,114	76,610	9,003	4,971	737	11,793

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Mostly fruit crushed for vinegar, cider, and juice. For some minor States, small quantities canned, dried, and frozen are included.

<sup>3</sup> Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.

<sup>4</sup> Delaware, Maryland, Virginia, West Virginia, and North Carolina.

<sup>5</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Nebraska, Kansas, Kentucky, Tennessee, and Arkansas.

<sup>6</sup> Montana, Idaho, Colorado, New Mexico, Utah, Washington, Oregon, and California.

<sup>7</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 219.—Apples, commercial crop: Utilization of production, United States, 1938-47 crops

Year	Total production (commercial)	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938	105,718	101,850	6,367	95,483	75,546	4,807	6,347	-----	8,783
1939	139,247	124,729	7,565	117,164	83,839	8,195	8,172	-----	16,958
1940	111,436	106,811	6,673	100,138	78,195	6,571	4,268	-----	11,104
1941	122,217	119,642	6,680	112,962	79,629	11,649	6,165	-----	15,519
1942	126,707	118,368	6,404	111,964	77,853	10,481	7,376	-----	16,254
1943	87,310	87,310	4,851	82,459	58,103	6,592	6,692	1,114	9,958
1944	121,266	119,225	6,113	113,112	77,808	9,258	7,015	2,221	16,810
1945	66,796	66,796	2,881	63,915	47,431	3,859	4,684	2,439	5,502
1946	119,410	118,903	5,625	113,278	76,374	13,034	5,713	2,092	16,065
1947 <sup>3</sup>	113,041	108,534	5,420	103,114	76,610	9,003	4,971	737	11,793

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Mostly fruit crushed for vinegar, cider, and juice. For some minor States in some years, small quantities canned, dried, and frozen are included.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-37 in Agricultural Statistics, 1946, table 211.

TABLE 220.—Apples, western: Average auction price per box, all grades, New York, 1938-47

Season beginning July—	Gravenstein	Jona-than	Esopus Spitzen-berg	Golden Delic-ious	Rome Beauty	Delic-ious <sup>1</sup>	Yellow New-town	Winesap	Average <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938	1.53	1.89	1.72	2.31	1.68	2.01	1.86	1.81	1.89
1939	1.51	1.29	1.61	1.88	1.69	1.99	2.04	2.05	1.94
1940	2.18	1.65	1.58	1.97	1.78	2.09	1.84	1.94	1.97
1941	1.57	1.56	1.97	2.24	1.82	2.19	2.55	2.74	2.29
1942	2.62	-----	2.42	3.35	2.51	3.46	3.57	4.38	3.53
1943	4.42	3.52	-----	4.00	3.28	3.62	3.45	3.55	3.63
1944	3.72	3.12	3.55	3.94	3.59	3.82	3.73	3.83	3.77
1945	4.59	4.51	4.52	4.38	4.42	4.38	4.53	4.48	4.42
1946	2.45	3.10	2.98	4.15	3.26	4.49	4.28	4.58	4.35
1947	2.73	3.31	2.53	3.59	2.63	3.67	2.37	3.64	3.43

<sup>1</sup> Includes Red Delicious.

<sup>2</sup> Average of varieties shown in this table.

Bureau of Agricultural Economics. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day.

TABLE 221.—Apples, eastern: Average wholesale price per bushel, New York, 1938-47

Season beginning July	Bald-win	Delic-ious	Duch-ess	Green-ing	Mc-Intosh <sup>1</sup>	North-ern Spy	Stayman Winesap	Trans-parent	Williams Red	York Imperial
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938	1.14	1.48	.65	1.00	1.66	1.34	1.16	.96	.94	1.22
1939	1.02	1.28	.72	.90	1.27	1.01	.76	.92	1.17	1.12
1940	1.08	1.40	.86	1.12	1.63	-----	1.04	1.12	1.12	1.10
1941	1.49	1.72	.76	1.32	1.69	1.43	1.59	.86	.97	1.86
1942	1.85	2.14	1.20	1.42	1.95	1.84	1.12	1.23	1.70	2.05
1943	3.50	3.46	2.14	3.04	3.42	3.61	2.87	2.94	3.18	3.76
1944	2.54	3.34	1.84	2.53	3.27	2.95	2.47	2.79	2.97	2.87
1945	4.79	4.73	3.39	4.53	4.65	4.73	4.65	3.70	3.95	4.85
1946	2.29	3.31	2.02	2.34	3.88	2.36	1.99	3.78	3.89	3.09
1947	1.69	2.66	1.39	2.11	2.69	1.77	-----	-----	2.89	2.15

<sup>1</sup> New York State only, 1938-39.

Bureau of Agricultural Economics. Compiled from daily market news reports of the Production and Marketing Administration. Prices are based on good merchantable quality and condition, 2½-inch minimum fruit, in less than carlot quantities. Average for season is simple average of monthly averages.

TABLE 222.—Apples: International trade, average 1935-39, annual 1946 and 1947

Country	Average 1935-39		1946 <sup>1</sup>		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
<b>EXPORTING COUNTRIES</b>						
United States	9,730	27	2,864	1,038	4,553	1,211
Canada	6,404	749	4,731	232	3,414	400
France:						
Table	393	1,425	50	561	217	168
Cider	1,892	<sup>2)</sup>	( <sup>2)</sup> 116		126	8
Australia <sup>3</sup>	4,017	0	1,455	0	807	0
Italy	2,420	0	768	0	2,774	0
Rumania	6	0			71	0
Yugoslavia	1,095	2				0
New Zealand	893	4	253	( <sup>2)</sup>	5	0
Chile	525	0	301	0		
Denmark	44	105	209	85		
Switzerland <sup>4</sup>						
Table	948	931	1,893	231	930	466
Cider	380	438	180	2	114	1
Union of South Africa	255	59				
Bulgaria	296	0				
Portugal	27	0				
Hungary	195	66				
Greece	13	( <sup>2)</sup>				
Spain	4	25	14	0		
Syria and Lebanon	55	9				
Argentina	255	134	1,101			
Japan	181	0				
Chosen	359	0				
Chosen <sup>5</sup>	463	0				
Netherlands	539	790	79	11	218	176
<b>Total</b>	<b>31,389</b>	<b>4,764</b>	<b>13,898</b>	<b>2,276</b>	<b>13,229</b>	<b>2,430</b>
<b>IMPORTING COUNTRIES</b>						
Austria	228	491				
Elre	7	310	70	( <sup>2)</sup>	1	52
United Kingdom	0	13,638	0	4,293	0	3,530
Germany	1	6,323				
Belgium	397	1,657	348	1,145	132	368
Sweden	12	693	0	1,504	0	1,134
Czechoslovakia	18	1,339				
Egypt	2	213				
Norway <sup>4</sup>	1	162				
Brazil	0	306	0	981	0	
Finland	0	193	0	47		
Cuba	0	116	0	254	0	<sup>6</sup> 325
Iceland	0	3	1	30	( <sup>2)</sup>	( <sup>2)</sup>
Mexico	0	31	0	191	0	162
Palestine	0	272	0	280		
Philippine Islands	0	117	0	176	0	<sup>6</sup> 928
Manchuria	0	392	0	0	0	0
Netherlands Indies	0	79				
China	60	146	1	30	( <sup>2)</sup>	( <sup>2)</sup>
Belgian Congo	0	8				
Algeria	2	101	0	0	0	0
Indo China	( <sup>2)</sup>	45				
Japan <sup>7</sup>	0	463				
Hawaii	0	118	0	104	0	128
<b>Total</b>	<b>728</b>	<b>27,216</b>	<b>420</b>	<b>9,035</b>	<b>133</b>	<b>6,627</b>
<b>Grand total</b>	<b>32,117</b>	<b>31,980</b>	<b>14,318</b>	<b>11,311</b>	<b>13,362</b>	<b>9,057</b>

<sup>1</sup> Not strictly comparable because of missing information.

<sup>2</sup> Less than 500 bushels.

<sup>3</sup> Fiscal years.

<sup>4</sup> Includes pears.

<sup>5</sup> Trade with Japan.

<sup>6</sup> According to United States export statistics.

<sup>7</sup> Trade with Chosen.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of research, and other information.

TABLE 223.—Apricots: Production, season average price per ton received by farmers, and value, California, Washington, and Utah, and exports, United States, 1929-47<sup>1</sup>

Year	California			Washington			Utah			California, Washington, and Utah					Domestic exports, year beginning July		
	Production <sup>2</sup> Tons	Price Dollars	Farm value 1,000 dollars	Production <sup>2</sup> Tons	Price Dollars	Farm value 1,000 dollars	Production <sup>2</sup> Tons	Price Dollars	Farm value 1,000 dollars	Production <sup>2</sup> Tons	Price Dollars	Farm value 1,000 dollars	Fresh Tons	Canned 1,000 pounds	Dried <sup>3</sup> Tons	Dried in fruit salad <sup>3,4</sup> Tons	Total in terms of fresh <sup>5</sup> Tons
1929	212,000	64.40	13,653	6,500	75.00	488	1,900	74.40	141	64.80	14,282	220,400	6,243	9,550	82	62,941	
1930	194,000	40.30	7,456	3,600	51.00	184	1,800	60.80	32	40.59	7,688	181,400	23,235	11,824	896	73,065	
1931	274,000	30.10	8,127	6,000	32.50	195	1,000	31.80	38	30.16	8,354	281,000	23,161	18,811	960	110,982	
1932	266,000	18.90	4,782	4,800	26.90	129	1,750	24.20	42	27.559	19,08	271,500	13,504	17,135	870	100,129	
1933	268,000	30.10	8,067	2,300	61.00	140	3,400	65.00	52	30.46	8,239	153,700	10,549	18,308	738	107,425	
1934	139,000	55.00	7,645	11,300	46.10	512	3,700	47.60	162	46.77	10,583	157,700	26,754	7,598	703	46,932	
1935	216,000	46.30	10,001	9,800	59.00	507	1,700	44.20	75	227,500	13,294	227,500	23,731	13,294	892	83,729	
1936	248,000	38.30	9,498	17,200	64.00	461	1,600	32.20	58	237,000	38,98	237,000	2,576	26,930	554	88,147	
1937	311,000	37.60	11,694	14,500	60.00	708	1,800	67.70	112	324,450	12,514	324,450	1,536	33,076	800	101,556	
1938	168,000	36.00	6,076	4,900	32.90	405	4,900	27.30	114	185,400	36.00	185,400	1,546	33,145	1,286	96,635	
1939	312,000	33.40	10,154	5,200	21.10	347	5,200	21.10	110	331,500	33.40	331,500	1,311	15,960	962	100,849	
1940	103,000	53.60	5,521	7,800	39.80	629	7,800	27.20	212	127,000	50.30	127,000	1,284	6,040	221	10,470	
1941	198,000	46.10	9,128	14,600	41.90	612	1,300	75.60	98	213,900	46.00	213,900	1,311	15,960	221	10,470	
1942	204,000	69.90	13,910	21,000	80.30	1,686	3,100	96.60	249	228,100	71.20	228,100	2,136	12,010	187	42,070	
1943	80,000	121.00	9,680	9,000	200.00	3,080	9,000	113.00	1,017	104,400	132.00	104,400	9,661	5,365	130	36,737	
1944	324,000	108.00	34,992	23,100	135.00	3,118	4,700	117.00	550	351,800	116.00	351,800	1,245	21,751	7,897	34,827	
1945	159,000	118.00	18,762	22,500	142.00	3,195	10,000	93.60	860	191,500	116.00	191,500	1,249	31,443	1	49,897	
1946	306,000	106.00	32,436	27,300	113.00	3,085	5,400	98.60	505	338,700	106.00	338,700	3,619	33,242	238	21,150	
1947 <sup>6</sup>	165,000	86.30	14,240	28,000	106.00	2,760	4,500	95.00	428	197,500	86.10	197,500	6,619	33,242	1,265	40,048	

<sup>1</sup> Of the 43 States reported in the 1940 census as producing apricots, California, Washington, and Utah had 98 percent of the production.

<sup>2</sup> Includes the following quantities unharvested on account of economic conditions (tons): California, 1930-9,000; 1931-4,000; 1932-13,000; 1939-8,000; 1942-5,000; Washington, 1934-2,000; 1935-1,200; 1938-2,200; 1939-300; 1940-500; 1947-1,960; Utah, 1945-550. Price and value apply only to the harvested portion of the crop.

<sup>3</sup> Net processed weight.

<sup>4</sup> Dried apricots are 12 1/3 percent of total dried fruit for salad.

<sup>5</sup> Exports of dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis of 5.5 tons fresh to 1 ton dried. Canned converted to fresh at ratio of 55 cases (45 pounds each) packed from 1 ton of fresh fruit through 1938; beginning 1939 at ratio of 60 cases to 1 ton.

<sup>6</sup> Jan. 1 to June 30; not segregated prior to that time.

<sup>7</sup> Less than 1/2 ton.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Exports compiled from records of Department of Commerce.

TABLE 224.—*Apricots: Utilization of production, 3 States, 1 1938-47 crops*

Year	Total production	Production having value <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other <sup>3</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1938.....	185,400	183,200	2,790	180,410	30,617	31,933	117,600	-----	260
1939.....	331,500	323,200	2,880	320,320	34,510	60,000	225,500	-----	<sup>4</sup> 310
1940.....	127,100	126,600	2,920	123,680	26,160	38,920	58,300	-----	<sup>4</sup> 300
1941.....	213,900	213,900	2,790	211,110	26,700	75,630	108,400	-----	100
1942.....	228,100	223,100	2,830	220,270	33,500	70,760	114,400	1,060	550
1943.....	104,400	104,400	3,060	101,340	33,040	22,550	36,100	9,580	70
1944.....	351,800	351,800	3,200	348,600	56,100	129,440	141,670	21,170	220
1945.....	191,500	190,950	3,100	187,850	44,490	67,450	42,900	32,670	340
1946.....	338,700	338,700	3,140	335,560	46,470	167,990	98,750	21,950	400
1947 <sup>5</sup> .....	197,500	195,540	3,150	192,390	41,960	66,480	80,000	3,830	120

<sup>1</sup> California, Washington, and Utah.

<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.

<sup>3</sup> Includes fruit used for wine, jelly, etc., and prior to 1944, small quantities dried in Washington.

<sup>4</sup> Includes small quantities frozen in Washington in 1939 and 1940.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-37 in Agricultural Statistics, 1946, table 215.

TABLE 225.—*Apricots: Utilization of production, by States, 1946 and 1947 crops*

## CROP OF 1946

State	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned <sup>2</sup>	Dried	Frozen	Other <sup>3</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
California.....	306,000	306,000	1,700	304,300	26,100	162,000	98,600	17,600	-----
Washington.....	27,300	27,300	740	26,560	17,170	4,750	150	4,090	400
Utah.....	5,400	5,400	700	4,700	3,200	1,240	-----	200	-----
3 States..	338,700	338,700	3,140	335,560	46,470	167,990	98,750	21,950	400

CROP OF 1947 <sup>4</sup>

California.....	165,000	165,000	1,700	163,300	20,900	60,500	80,000	1,900	-----
Washington.....	28,000	26,040	750	25,290	18,340	5,100	-----	1,730	120
Utah.....	4,500	4,500	700	3,800	2,720	880	-----	200	-----
3 States..	197,500	195,540	3,150	192,390	41,960	66,480	80,000	3,830	120

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.

<sup>2</sup> Includes some quantities of California apricots used for jam and nectar.

<sup>3</sup> Includes fruit used for wine, jelly, etc.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 226.—*Avocados: Production, season average price per ton received by farmers, and value, California and Florida, and imports, United States, 1929-47*

Year	California			Florida			California and Florida			Imports, year beginning July <sup>2</sup>
	Production	Price <sup>1</sup>	Farm value	Production	Price <sup>1</sup>	Farm value	Production	Price <sup>1</sup>	Farm value	
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>
1929	400	658	263	420	142	60	820	394	323	3,372
1930	2,150	260	559	620	192	119	2,770	245	678	4,896
1931	2,600	166	432	820	145	119	3,420	161	551	5,097
1932	1,700	171	291	1,400	88	123	3,100	134	414	4,340
1933	2,500	168	420	2,200	98	216	4,700	135	636	2,632
1934	9,300	87	809	2,000	75	150	11,300	85	959	2,811
1935	5,200	172	894	1,000	95	95	6,200	160	989	3,765
1936	6,200	130	806	600	120	72	6,800	129	878	4,559
1937	5,300	152	806	2,000	95	190	7,300	136	996	5,692
1938	14,900	86	1,281	2,100	64	134	17,000	83	1,415	5,158
1939	7,800	144	1,123	2,200	68	150	10,000	127	1,273	3,692
1940	14,600	107	1,562	880	98	86	15,480	106	1,648	5,854
1941	18,600	101	1,879	1,250	100	125	19,850	101	2,004	5,342
1942	15,600	212	3,307	2,100	136	286	17,700	203	3,593	865
1943	21,300	228	4,856	4,600	120	552	25,900	209	5,408	1,718
1944	9,500	522	4,959	5,800	140	812	15,300	377	5,771	1,018
1945	19,200	297	5,702	3,200	144	461	22,400	275	6,163	446
1946	14,400	388	5,587	1,600	336	538	16,000	383	6,125	2,444
1947 <sup>3</sup>	13,200	380	5,016	2,300	200	460	15,500	353	5,476	-----

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point.

<sup>2</sup> Data for 1929 and 1930 compiled from reports of Federal Horticultural Board and Bureau of Plant Quarantine; beginning 1931, from Department of Commerce reports.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 288.

TABLE 227.—*Bananas: United States supply, 1929-47*

Year	Imports for consumption	Receipts from Hawaii and Puerto Rico	Year	Imports for consumption	Receipts from Hawaii and Puerto Rico
	<i>1,000 bunches</i>	<i>1,000 bunches</i>		<i>1,000 bunches</i>	<i>1,000 bunches</i>
1929	65,134	200	1938	59,243	192
1930	62,828	149	1939	57,128	192
1931	55,857	126	1940	52,336	112
1932	49,457	91	1941	51,662	89
1933	39,613	94	1942	27,199	0
1934	47,679	90	1943	24,729	0
1935	55,019	99	1944	31,686	0
1936	58,302	99	1945	40,953	0
1937	66,587	91	1946	53,933	0
			1947 <sup>1</sup>	60,105	0

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Bunches as reported in this table are of various weights, but the average weight of a medium-sized bunch of bananas is approximately 50 pounds net. Included in the "receipts" in this table are plantains from Puerto Rico as follows: 79,000 bunches in 1938; 78,000 bunches in 1939, and 6,000 bunches in 1940. All figures obtained from Foreign Commerce and Navigation of the United States, Department of Commerce.

TABLE 228.—Bananas: International trade, average 1934-38, annual 1940-47

Continent and country	Average 1934-38	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
<b>EXPORTS FROM SPECIFIED EXPORTING COUNTRIES</b>									
	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>
North America:									
British Honduras	612	437	337	97	42	195	145	85	162
Costa Rica	4,217	3,155	4,835	2,267	2,386	1,884	2,479	4,920	6,103
Guatemala	7,370	8,306	6,955	5,019	2,546	4,919	8,547	9,758	14,884
Honduras	12,353	14,547	12,865	6,514	6,146	10,404	13,138	14,184	15,211
Mexico	12,230	5,907	3,977	3,548	4,830	3,981	3,502	5,059	5,645
Nicaragua	2,168	1,040	585	58	0	7	73	188	200
Panama, Republic of	8,027	8,211	7,937	3,324	1,323	1,624	3,601	7,298	6,384
Panama, Canal Zone	1,541	1,746	1,676	555	0	5	4	( <sup>4</sup> )	( <sup>4</sup> )
Caribbean:									
Cuba	5,316	3,874	3,335	1,916	1,316	1,083	1,162	1,952	1,936
Dominica	57	38	49	12	3	4	4	4	4
Dominican Republic	88	630	835	620	611	377	971	1,221	930
Grenada	65	59	49	14	9	8	3	5	5
Guadeloupe	1,553	1,009	325	100	138	112	462	838	1,000
Haiti <sup>5</sup>	489	1,361	1,970	1,159	362	1,734	2,409	3,528	4,381
Jamaica	14,824	4,794	3,912	943	202	782	1,258	4,194	3,957
Martinique	1,192	463	103	0	1	5	0	144	596
St. Lucia	56	48	40	2	( <sup>6</sup> )	0	0	0	0
St. Vincent	22	21	14	1	0	0	0	0	0
Trinidad and Tobago	71	25	9	0	0	0	( <sup>6</sup> )	2	2
Total	72,251	55,671	49,808	26,149	19,915	27,124	37,758	53,330	61,400
Europe: Spain	77	46	23	105	180	139	200	261	25
Asia:									
Syria and Lebanon	4	63	4	( <sup>6</sup> )	0	( <sup>6</sup> )	11	15	15
Japan <sup>8</sup>	186	250	159	58	66	0	0	0	0
Formosa <sup>9</sup>	5,378	4,622	3,200	1,890	996	529	0	0	0
Formosa	704	668	576	231	0	0	0	173	412
Netherlands Indies:									
Java and Madura	88	106	86	0	0	0	0	0	0
Outer Provinces	38	52	0	0	0	0	0	0	0
Total	6,398	5,831	4,025	2,179	1,062	529	11	188	427
South America:									
Brazil	8,714	7,064	4,048	2,444	1,824	2,243	2,587	4,184	5,927
Colombia	7,122	5,652	3,400	296	1	532	1,316	1,820	2,000
Ecuador	2,100	2,024	1,467	988	677	595	763	1,500	2,979
Surinam	3	0	0	0	0	0	0	0	0
Venezuela	105	96	87	206	344	206	0	0	0
Total	18,044	14,836	9,002	3,914	2,846	3,576	4,666	7,504	10,906
Africa:									
Algeria	5	2	0	0	0	0	0	0	0
Belgian Congo	58	40	35	35	40	40	51	78	88
Canary Islands	5,730	4,460	4,530	3,430	2,995	2,280	2,797	4,027	4,000
Egypt	17	1	0	0	0	5	6	10	10
Eritrea	885	691	0	0	0	0	0	0	0
French Cameroon	719	748	0	0	0	0	0	207	883
French West Africa:									
French Guinea	1,778	1,016	449	57	44	35	16	252	1,170
Ivory Coast	295	282	116	( <sup>6</sup> )	0	0	0	75	285
Gold Coast	33	54	5	( <sup>6</sup> )	( <sup>6</sup> )	1	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Mozambique	443	436	793	979	1,199	951	1,086	1,100	1,100
Nigeria and Cameroon	1,982	2,627	0	2	2	1	1	386	400
Sao Tome and Principe	79	8	5	5	7	7	18	20	20
Union of South Africa	5	5	12	19	0	11	7	10	10
Total	11,959	10,370	5,945	4,527	4,287	3,331	3,982	6,165	7,966
Oceania:									
Fiji	286	181	95	183	154	74	140	230	250
Hawaii <sup>10</sup>	98	105	90	0	0	0	0	0	0
Tonga Islands	31	42	78	81	63	48	52	60	60
Western Samoa	238	370	291	131	105	53	180	200	200
Total	653	698	554	395	322	175	372	490	510
World total	109,312	87,452	69,357	37,269	28,612	34,874	46,989	67,938	81,484



TABLE 228.—Bananas: International trade: average 1934-38, annual 1940-47—Continued

Continent and country	Average 1934-38	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
<b>IMPORTS INTO SPECIFIED IMPORTING COUNTRIES<sup>11</sup></b>									
	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>	<i>1,000 bunches of 50 lbs.</i>
North America:									
Canada.....	2,488	2,283	2,485	756	840	2,113	3,647	4,856	3,806
United States <sup>12</sup> .....	59,498	52,957	50,713	23,363	20,745	27,244	36,862	46,626	54,176
Total.....	61,986	55,240	53,198	24,119	21,585	29,357	40,509	51,482	57,982
Europe:									
Belgium.....	986	114	0	1	0	0	4	4	4
Denmark.....	161	22	0	0	0	0	10	2	( <sup>6</sup> )
Eire.....	247	135	0	0	3	0	0	39	169
Finland.....	110	0	0	0	0	0	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
France.....	7,522	2,450	774	27	( <sup>6</sup> )	17	3	1,102	3,772
Germany.....	5,281	20	45	11	0	0	0	0	0
Italy.....	845	691	0	0	0	0	0	1	9
Netherlands.....	1,367	72	( <sup>6</sup> )	( <sup>6</sup> )	0	0	0	37	76
Norway.....	322	34	0	0	0	0	54	184	135
Spain.....	72,275	4,414	4,505	3,449	2,796	2,117	2,336	1,521	2,000
Sweden.....	439	62	0	0	0	1	83	956	580
Switzerland.....	291	145	24	104	163	100	164	324	334
United Kingdom.....	13,071	8,531	4	0	0	0	50	4,549	4,649
Total.....	32,917	16,690	5,352	3,592	2,962	2,235	2,704	8,719	11,728
Asia:									
Iraq.....	12	10	4	0	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	0	0
Japan <sup>13</sup> .....	5,378	4,692	3,200	1,890	996	529	0	0	0
Korea <sup>9</sup> .....	186	250	159	58	66	0	0	0	0
Palestine.....	0	51	13	41	67	92	110	170	200
Total.....	5,576	5,003	3,376	1,989	1,129	621	110	170	200
South America:									
Argentina.....	6,394	7,319	4,309	2,575	1,594	1,954	2,108	3,169	4,540
Chile.....	584	890	768	653	426	648	651	849	1,129
Uruguay.....	450	1,023	632	523	478	400	417	400	400
Total.....	7,428	9,232	5,709	3,751	2,498	3,002	3,176	4,418	6,069
Africa:									
Algeria.....	233	158	8	( <sup>6</sup> )	0	0	0	0	0
South West Africa.....	4	4	4	6	7	10	6	10	10
Spanish Morocco.....	16	26	29	9	14	24	28	30	30
Total.....	253	188	41	15	21	34	34	40	40
Oceania:									
Australia.....	72	69	30	( <sup>6</sup> )	0	0	0	0	0
New Zealand.....	505	599	471	483	359	222	368	494	450
Total.....	577	668	501	483	359	222	368	494	450
Other countries <sup>14</sup> .....	411	55	0	0	0	0	0	173	412
World total.....	109,148	87,076	68,177	33,949	28,554	35,471	46,901	65,496	76,881

<sup>1</sup> Preliminary.<sup>2</sup> Crop years Aug. 1-July 31, 1933-34 through 1936-37; Aug. 1-June 30, 1937-38; July 1-June 30, 1939; subsequent years are calendar.<sup>3</sup> Includes Panama Canal Zone.<sup>4</sup> Included in Panama Republic.<sup>5</sup> Year beginning Oct. 1.<sup>6</sup> Less than 500 bunches.<sup>7</sup> Less than 5 years.<sup>8</sup> Trade with Korea.<sup>9</sup> Trade with Japan.<sup>10</sup> Shipments to United States.<sup>11</sup> Reexports have been deducted.<sup>12</sup> Includes shipments from Hawaii.<sup>13</sup> Trade with Formosa.<sup>14</sup> Includes the following: 1934-38—Austria 43, Czechoslovakia 125, Hungary and Estonia each 2, Latvia and Lithuania each 5; Malta 18, Tangier 10, French Morocco 92, Tunisia 109. 1940—Malta 1, French Morocco 24, Tunisia 30. 1946—China 173 1947—China 412.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. All figures have been converted to equivalent bunches of 50 pounds.

TABLE 229.—Cherries: Production, season average price per ton received by farmers, and value, 12 States,<sup>1</sup> and foreign trade, United States, 1929-47

Year	All varieties				Foreign trade, year beginning July			
	Total production	Production having value <sup>2</sup>	Price	Farm value	Domestic exports		Imports	
					Canned	Fresh	Natural sulphured, or in brine	Dried or preserved
	Tons	Tons	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929	98,320	96,320	159.22	15,336	1,897	22,362	866	
1930	122,350	120,450	127.26	15,329	1,232	7,926	1,280	
1931	126,350	116,200	65.90	7,658	643	5,943	148	
1932	144,560	130,320	42.35	5,519	581	1,702	99	
1933	136,080	132,480	55.34	7,331	1,040	1,684	67	
1934	137,530	133,410	58.62	7,821	1,403	1,492	26	
1935	145,670	143,960	70.70	10,178	1,646	1,544	26	
1936	123,520	119,520	76.19	9,106	1,870	902	28	
1937	147,580	144,030	104.42	15,039	2,656	1,831	58	
1938	144,210	131,810	66.20	8,725	5,911	1,107	27	
1939	184,490	177,580	61.30	10,891	2,613	2,167	29	
1940	172,820	169,510	78.60	13,321	821	1,044	41	
1941	161,690	159,080	107.00	16,944	1,005	1,001	21	
1942	196,520	184,760	120.00	22,243	788	886	8	
1943	116,210	111,900	211.00	23,651	258	805	20	
1944	195,510	195,010	212.00	41,290	254	1,121	4	
1945	149,020	147,810	268.00	39,658	1,176	135	(*)	
1946	229,620	228,570	291.00	66,411	2,726	2,038	4,592	
1947 <sup>5</sup>	173,140	171,470	225.00	38,562			3	

  

Year	Sweet varieties				Sour varieties			
	Total production	Production having value <sup>2</sup>	Price	Farm value	Total production	Production having value <sup>2</sup>	Price	Farm value
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Dollars	1,000 dollars
1938	79,360	67,910	75.70	5,139	64,850	63,900	56.10	3,586
1939	87,720	81,620	82.70	6,750	96,770	95,960	43.20	4,141
1940	68,130	66,030	111.00	7,317	104,690	103,480	58.00	6,004
1941	80,290	79,380	117.00	9,253	81,400	79,700	96.50	7,691
1942	91,230	80,720	141.00	11,402	105,290	104,040	104.00	10,841
1943	75,370	71,620	230.00	16,507	40,840	40,280	177.00	7,144
1944	83,110	82,810	275.00	22,802	112,400	112,200	165.00	18,488
1945	102,450	101,350	272.00	27,565	46,570	46,460	260.00	12,093
1946	112,370	111,370	280.00	31,160	117,250	117,200	301.00	35,251
1947 <sup>5</sup>	79,270	78,190	256.00	20,012	93,870	93,280	199.00	18,550

<sup>1</sup> New York, Pennsylvania, Ohio, Michigan, Wisconsin, Montana, Idaho, Colorado, Utah, Washington, Oregon, and California.

<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>3</sup> Not segregated prior to Jan. 1, 1936.

<sup>4</sup> Less than 500 pounds.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade data from records of the Department of Commerce.

TABLE 230.—Cherries: Production in 12 States and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Production <sup>1</sup>			Price for crop of—		
	Average 1938-45	1946	1947 <sup>2</sup>	Average 1938-45	1946	1947 <sup>2</sup>
	Tons	Tons	Tons	Dollars	Dollars	Dollars
New York.....	2,162	1,400	2,200	189	353	273
Pennsylvania.....	1,625	700	900	180	350	282
Ohio.....	550	200	280	187	360	330
Michigan.....	2,912	4,500	4,000	169	275	235
4 Eastern States.....	7,249	6,800	7,380	-----	-----	-----
Montana.....	171	700	<sup>3</sup> 1,120	209	420	292
Idaho.....	2,030	3,520	<sup>3</sup> 2,380	149	245	240
Colorado.....	419	250	490	190	370	400
Utah.....	3,175	3,900	3,500	151	250	280
Washington.....	24,300	32,200	<sup>3</sup> 25,600	<sup>4</sup> 163	<sup>4</sup> 269	<sup>4</sup> 275
Oregon.....	19,488	31,000	10,800	<sup>4</sup> 149	<sup>4</sup> 263	<sup>4</sup> 211
California.....	26,625	34,000	28,000	<sup>5</sup> 178	<sup>5</sup> 304	<sup>5</sup> 251
7 Western States.....	76,208	105,570	71,890	-----	-----	-----
11 States.....	83,458	112,370	79,270	120	280	256
SOUR VARIETIES						
New York.....	17,475	15,500	14,800	129	357	212
Pennsylvania.....	5,825	4,600	4,600	142	300	237
Ohio.....	2,854	2,100	2,120	131	260	224
Michigan.....	31,500	60,500	49,500	123	298	192
Wisconsin.....	9,788	20,000	9,000	124	316	210
5 Eastern States.....	67,442	102,700	80,020	-----	-----	-----
Montana.....	314	60	410	104	180	144
Idaho.....	582	490	680	90	185	180
Colorado.....	3,432	3,200	3,960	101	260	190
Utah.....	2,075	3,600	3,200	104	200	180
Washington.....	5,488	4,300	<sup>3</sup> 4,200	<sup>4</sup> 105	<sup>4</sup> 273	<sup>4</sup> 184
Oregon.....	2,269	2,900	1,400	<sup>4</sup> 102	<sup>4</sup> 215	<sup>4</sup> 200
6 Western States.....	14,160	14,550	13,850	-----	-----	-----
11 States.....	81,601	117,250	93,870	163	301	199
ALL VARIETIES						
New York.....	Average 1936-45 19,215	16,900	17,000	Average 1936-45 124	357	220
Pennsylvania.....	7,280	5,300	5,500	133	307	244
Ohio.....	3,367	2,300	2,400	126	269	236
Michigan.....	35,400	65,000	53,500	116	296	195
Wisconsin.....	9,130	20,000	9,000	113	316	210
5 Eastern States.....	74,392	109,500	87,400	-----	-----	-----
Montana.....	435	760	<sup>3</sup> 1,530	129	401	251
Idaho.....	2,439	4,010	<sup>3</sup> 3,060	128	238	226
Colorado.....	3,501	3,450	4,450	104	268	213
Utah.....	4,790	7,500	6,700	123	226	232
Washington.....	27,360	36,500	<sup>3</sup> 29,800	<sup>4</sup> 142	<sup>4</sup> 269	<sup>4</sup> 263
Oregon.....	20,480	33,900	12,200	<sup>4</sup> 137	<sup>4</sup> 259	<sup>4</sup> 210
California.....	25,760	34,000	28,000	<sup>5</sup> 169	<sup>5</sup> 304	<sup>5</sup> 251
7 Western States.....	84,765	120,120	85,740	-----	-----	-----
12 States.....	159,157	229,620	173,140	130	291	225

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1946, estimates of such quantities were as follows (tons): Idaho sour, 50; Oregon sweet, 1,000. Prices apply only to the harvested portion of the crop.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes the following quantities harvested but not utilized because of abnormal cullage (tons): Montana sweet, 30; Idaho sweet, 50; Washington sweet, 1,000; sour, 590.

<sup>4</sup> Equivalent returns per ton for bulk fruit at the packing-house door.

<sup>5</sup> Equivalent returns per ton for bulk fruit at the first delivery point.

Bureau of Agricultural Economics.

TABLE 231.—Cherries: Utilization of production, 12 States<sup>1</sup>, 1938-47 crops

## SWEET VARIETIES

Year	Total production	Production having value <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Frozen	Brined	Other <sup>3</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1938.....	79,360	67,910	5,640	62,270	33,102	12,434	-----	16,473	261
1939.....	87,720	81,620	6,580	75,040	35,224	20,093	-----	19,420	303
1940.....	68,130	66,030	6,470	59,460	30,983	12,397	-----	15,670	410
1941.....	80,290	79,380	6,540	72,840	36,796	16,699	-----	18,900	445
1942.....	91,230	80,720	6,800	73,920	36,440	19,209	-----	16,860	1,411
1943.....	75,370	71,620	5,480	66,140	34,890	14,970	675	14,365	1,240
1944.....	83,110	82,810	6,970	75,840	40,140	13,660	1,580	19,700	760
1945.....	102,450	101,350	5,850	95,500	42,670	21,590	6,720	23,920	600
1946.....	112,370	111,370	6,040	105,330	37,150	30,320	5,390	30,920	1,540
1947 <sup>4</sup> .....	79,270	78,190	5,970	72,220	36,210	10,410	660	24,880	60

## SOUR VARIETIES

1938.....	64,850	63,900	5,750	58,150	12,502	34,117	9,290	-----	2,241
1939.....	96,770	95,960	7,110	88,850	13,769	55,047	17,025	-----	3,009
1940.....	104,690	103,480	6,900	96,580	12,693	59,254	20,150	-----	4,483
1941.....	81,400	79,700	6,530	73,170	10,102	37,822	22,301	-----	2,945
1942.....	105,290	104,040	6,870	97,170	12,990	60,328	21,616	-----	2,236
1943.....	40,840	40,280	4,660	35,620	9,361	12,649	13,136	246	228
1944.....	112,400	112,200	7,150	105,050	12,760	54,530	35,330	1,290	1,140
1945.....	46,570	46,460	4,300	42,160	6,890	25,320	9,180	190	850
1946.....	117,250	117,200	5,990	111,210	9,940	55,920	44,010	490	580
1947 <sup>4</sup> .....	93,870	93,280	5,500	87,780	10,140	40,570	35,490	980	600

## ALL VARIETIES

1938.....	144,210	131,810	11,390	120,420	45,604	46,551	9,290	16,473	2,502
1939.....	184,490	177,580	13,690	163,890	48,993	75,140	17,025	19,420	3,312
1940.....	172,820	169,510	13,470	156,040	43,676	71,651	20,150	15,670	4,893
1941.....	161,690	159,080	13,070	146,010	46,898	54,521	22,301	18,900	3,390
1942.....	196,520	184,760	13,670	171,090	49,430	79,537	21,616	16,860	3,647
1943.....	116,210	111,900	10,140	101,760	44,251	27,619	13,811	14,611	1,468
1944.....	195,510	195,010	14,120	180,890	52,900	68,190	36,910	20,990	1,900
1945.....	149,020	147,810	10,150	137,660	49,560	46,910	15,900	24,110	1,180
1946.....	229,620	228,570	12,030	216,540	47,100	86,240	49,400	31,410	2,390
1947 <sup>4</sup> .....	173,140	171,470	11,470	160,000	46,350	50,980	36,150	25,860	600

<sup>1</sup> New York, Pennsylvania, Ohio, Michigan, Wisconsin, Montana, Idaho, Colorado, Utah, Washington, Oregon, and California.

<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>3</sup> Includes fruit used for juice, wine, preserves, and candied cherries. For the years 1938-42 some quantities of cherries frozen and/or brined also are included.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data on all varieties for 1934-37 in Agricultural Statistics, 1946, table 222.

TABLE 232.—Cherries: Utilization of production, by States, 1946 crop

## SWEET VARIETIES

State	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Frozen	Brined	Other <sup>2</sup>
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
New York	1,400	1,400	360	1,040	390			650	
Pennsylvania and Ohio	900	900	450	450	250	110	80	10	
Michigan	4,500	4,500	600	3,900	840	800	160	2,100	
Washington	32,200	32,200	1,980	30,220	13,460	7,880	1,240	7,100	540
Oregon	31,000	30,000	1,800	28,200	3,400	11,000	800	12,000	1,000
California	34,000	34,000	300	33,700	14,500	9,200	2,500	7,500	
Other States <sup>3</sup>	8,370	8,370	550	7,820	4,320	1,330	610	1,560	
11 States	112,370	111,370	6,040	105,330	37,160	30,320	5,390	30,920	1,540

## SOUR VARIETIES

New York	15,500	15,500	850	14,650	4,820	2,120	10,700		
Pennsylvania and Ohio	6,700	6,700	1,450	5,250	1,750	2,250	920	30	300
Michigan	60,500	60,500	1,300	59,200	2,350	39,450	17,150	250	
Wisconsin	20,000	20,000	800	19,200	1,540	8,400	8,800	210	250
Washington	4,300	4,300	770	3,530	850	420	1,970		290
Oregon	2,900	2,900	350	2,550	450	1,250	840		10
Other States <sup>3</sup>	7,350	7,300	470	6,830	1,180	2,030	3,620		
11 States	117,250	117,200	5,990	111,210	9,940	55,920	44,010	490	850

## ALL VARIETIES

New York	16,900	16,900	1,210	15,690	4,210	2,120	10,710	650	
Pennsylvania and Ohio	7,600	7,600	1,900	5,700	2,000	2,360	1,000	40	300
Michigan	65,000	65,000	1,900	63,100	3,190	40,250	17,310	2,350	
Wisconsin	20,000	20,000	800	19,200	1,540	8,400	8,800	210	250
Washington	36,500	36,500	2,750	33,750	14,310	8,300	3,210	7,100	830
Oregon	33,900	32,900	2,150	30,750	3,850	12,250	1,640	12,000	1,010
California	34,000	34,000	300	33,700	14,500	9,200	2,500	7,500	
Other States <sup>3</sup>	15,720	15,670	1,020	14,650	5,500	3,360	4,230	1,560	
12 States	229,620	228,570	12,030	216,540	47,100	86,240	49,400	31,410	2,390

<sup>1</sup> Differences between "total production" and "production having value" consists of fruit not harvested on account of economic conditions.

<sup>2</sup> Includes fruit used for juice, wine, preserves, and candied cherries.

<sup>3</sup> Montana, Idaho, Colorado, and Utah.

<sup>4</sup> Includes some quantities of New York sour cherries brined.

Bureau of Agricultural Economics.

TABLE 233.—Cherries: Utilization of production, by States, 1947 crop <sup>1</sup>

## SWEET VARIETIES

State	Total production	Production having value <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Frozen	Brined	Other <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
New York .....	2,200	2,200	540	1,660	440	-----	-----	-----	-----
Pennsylvania and Ohio .....	1,180	1,180	480	700	580	-----	-----	120	-----
Michigan .....	4,000	4,000	600	3,400	790	600	120	1,890	-----
Washington .....	25,600	24,600	1,980	22,620	13,400	2,360	240	6,610	10
Oregon .....	10,800	10,800	1,500	9,300	2,050	2,200	100	4,900	50
California .....	28,000	28,000	300	27,700	13,800	4,700	100	9,100	-----
Other States <sup>4</sup> .....	7,490	7,410	570	6,840	5,150	550	100	1,040	-----
11 States .....	79,270	78,190	5,970	72,220	36,210	10,410	660	24,880	60

## SOUR VARIETIES

New York .....	14,800	14,800	850	13,950	<sup>5</sup> 1,720	3,180	9,000	-----	50
Pennsylvania and Ohio .....	6,720	6,720	1,350	5,370	1,190	2,910	1,020	30	220
Michigan .....	49,500	49,500	1,250	48,250	2,800	27,350	17,150	950	-----
Wisconsin .....	9,000	9,000	560	8,440	680	4,140	3,410	-----	210
Washington .....	4,200	3,610	770	2,840	780	600	1,350	-----	110
Oregon .....	1,400	1,400	230	1,170	300	560	300	-----	10
Other States <sup>4</sup> .....	8,250	8,250	490	7,760	2,670	1,830	3,260	-----	-----
11 States .....	93,870	93,280	5,500	87,780	10,140	40,570	35,490	980	600

## ALL VARIETIES

New York .....	17,000	17,000	1,390	15,610	2,160	3,180	9,000	1,220	50
Pennsylvania and Ohio .....	7,900	7,900	1,830	6,070	1,770	2,910	1,020	150	220
Michigan .....	53,500	53,500	1,850	51,650	3,590	27,950	17,270	2,840	-----
Wisconsin .....	9,000	9,000	560	8,440	680	4,140	3,410	-----	210
Washington .....	29,800	28,210	2,750	25,460	14,180	2,960	1,590	6,610	120
Oregon .....	12,200	12,200	1,730	10,470	2,350	2,760	400	4,900	60
California .....	28,000	28,000	300	27,700	13,800	4,700	100	9,100	-----
Other States <sup>4</sup> .....	15,740	15,660	1,060	14,600	7,820	2,380	3,360	1,040	-----
12 States .....	173,140	171,470	11,470	160,000	46,350	50,980	36,150	25,860	660

<sup>1</sup> Preliminary.<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.<sup>3</sup> Includes fruit used for juice, wine, preserves, and candied cherries.<sup>4</sup> Montana, Idaho, Colorado, and Utah.<sup>5</sup> Includes some quantities of New York sour cherries brined.

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TABLE 234.—*Citrus fruit's: Production and season average returns per box to growers, by States, average 1936-45, annual 1945-47*

Crop and State	Production <sup>1</sup>				Price for crop of— <sup>2</sup>			
	Average 1936-45	1945	1946	1947 <sup>2</sup>	Average 1936-45	1945	1946	1947 <sup>2</sup>
<b>ORANGES</b>								
California:	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars	Dollars
Navel and miscellaneous <sup>4</sup> .....	18,203	17,680	19,670	18,900	1.77	2.92	2.30	1.65
Valencia.....	23,329	26,330	33,860	26,800	2.17	3.50	1.47	1.68
Total.....	46,532	44,010	53,530	45,700	2.01	3.27	1.77	1.67
Florida:								
Early and midseason.....	18,125	25,400	30,500	31,000	1.35	2.42	1.16	.93
Valencia.....	14,905	24,400	23,200	27,400	1.76	2.99	1.37	.87
Total.....	33,030	49,800	53,700	58,400	1.53	2.70	1.25	.90
Texas <sup>4</sup> :								
Early and midseason.....	1,722	2,880	3,150	3,100				
Valencia.....	1,220	1,920	1,850	2,100				
Total.....	2,942	4,800	5,000	5,200	1.56	2.38	1.85	1.50
Arizona <sup>4</sup> :								
Navel and miscellaneous.....	327	570	600	480	<sup>5</sup> 2.12	3.28	3.18	1.36
Valencia.....	371	640	600	300	<sup>5</sup> 2.51	3.38	2.32	1.78
Total.....	697	1,210	1,200	780	1.82	3.33	2.75	1.52
Louisiana <sup>4</sup> :								
Total.....	288	330	410	300	1.81	2.55	1.90	1.75
5 States <sup>6</sup> .....	83,488	100,150	113,810	110,350	1.79	2.94	1.54	1.25
Total early and midseason <sup>7</sup> .....	38,664	46,860	54,330	53,780				
Total Valencia.....	44,824	53,290	59,510	56,600				
<b>TANGERINES</b>								
Florida.....	3,190	4,200	4,700	4,000	1.43	2.81	1.73	1.20
ALL ORANGES AND TANGERINES								
5 States <sup>6</sup> .....	86,678	104,350	118,540	114,350	1.78	2.93	1.55	1.25
<b>GRAPEFRUIT</b>								
Florida:								
Seedless.....	8,840	14,000	14,000	14,800	1.03	1.54	.85	.54
Other.....	13,990	18,000	15,000	18,200	.89	1.44	.84	.41
Total.....	22,830	32,000	29,000	33,000	.94	1.48	.84	.47
Texas.....	16,121	24,000	<sup>8</sup> 23,300	23,200	.77	1.26	.90	.49
Arizona.....	3,031	4,100	<sup>8</sup> 4,100	3,000	.76	1.04	.38	.48
California:								
Desert valleys.....	1,115	1,220	1,220	960	.94	1.47	.92	1.19
Other.....	1,496	2,130	1,900	1,470	1.45	1.53	1.47	1.25
Total.....	2,611	3,350	3,120	2,430	1.23	1.51	1.26	1.23
4 States <sup>6</sup> .....	44,593	63,450	59,520	61,630	.88	1.37	.86	.51
California <sup>6</sup> .....	12,186	14,450	13,800	12,870	2.12	1.94	2.67	2.44
Florida <sup>6</sup> .....	135	200	170	170	3.24	3.58	3.95	3.34

<sup>1</sup> Season begins with the bloom of the year shown and ends with the completion of harvest the following year. In California picking usually extends from about Oct. 1 to Dec. 31 of the following year. In other States the season begins about Oct. 1 and ends in early summer, except for Florida limes, harvest of which usually starts about Apr. 1. Estimates of production include fruit consumed on farms, sold locally, and used for manufacturing purposes as well as that shipped. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. For some States in certain years, production also includes some quantities donated to charity, unharvested, and/or eliminated in accordance with provisions of marketing agreements. In 1945, 1946, and 1947 estimates of such quantities were as follows (1,000 boxes): 1945—Oranges, California Navels and miscellaneous, 332; Valencias, 399; Grapefruit, desert valleys, 2; 1946—Oranges, California Navels and miscellaneous, 485; Valencias, 454; Florida, early and midseason, 900; Tangerines, Florida, 800; Grapefruit, Florida, seedless, 800; other, 1,800; California desert valleys, 13; 1947—Oranges, California Navels and miscellaneous, 521; Valencias, 436; Arizona Navels and miscellaneous, 6; Tangerines, Florida, 600; Grapefruit, Florida, seedless, 2,400; other, 1,300; Texas, 2,300; Arizona, 944; California desert valleys, 16.

<sup>2</sup> As estimated from prospects on Dec. 1, 1948.

<sup>3</sup> Equivalent returns per box at the intake packing-house door for all methods of sale.

<sup>4</sup> Includes small quantities of tangerines.

<sup>5</sup> Short-time average.

<sup>6</sup> Net content of box varies. In California and Arizona the approximate average for oranges is 77 lb. and grapefruit 65 lb. in the desert valleys; 68 lb. for California grapefruit in other areas; in Florida and other States, oranges, including tangerines, 90 lb. and grapefruit 80 lb.; California lemons, 79 lb.; Florida limes, 80 lb. For weight of boxes prior to 1942, see p. 5, footnote 19.

<sup>7</sup> In California and Arizona, Navel and miscellaneous.

<sup>8</sup> Production includes the following excessive quantities not utilized on account of economic conditions (1,000 boxes): Texas, 500; Arizona, 923 (480 unharvested and 443 dumped).

Bureau of Agricultural Economics.

TABLE 235.—Citrus fruits: Production, value, foreign trade, United States, and receipts from Puerto Rico, 1929-47

## ORANGES, INCLUDING TANGERINES

Season <sup>1</sup>	Total production <sup>2</sup>	Production having value <sup>3</sup>	Season average returns per box to growers <sup>4</sup>	Farm value	Quantities processed <sup>5</sup>	Foreign trade, year beginning November		Receipts from Puerto Rico, year beginning July
						Domestic exports	Imports <sup>6</sup>	
	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
1929	31,829	31,829	3.59	114,171	647	2,189	30	221
1930	55,060	55,060	1.35	74,431	2,035	4,936	16	97
1931	49,902	49,902	1.22	61,029	2,532	3,203	19	39
1932	51,615	51,615	.88	45,367	2,688	3,394	17	14
1933	47,174	46,197	1.38	63,949	899	3,296	21	19
1934	63,988	62,593	1.15	71,898	3,956	5,425	29	17
1935	52,073	51,459	1.51	77,838	1,942	4,209	47	5
1936	54,538	53,515	1.75	93,619	6,591	2,488	22	3
1937	74,285	73,061	.84	60,991	5,830	7,597	25	2
1938	78,531	75,582	.77	57,979	6,058	6,471	28	3
1939	75,742	74,506	.95	70,847	7,238	3,828	22	1
1940	85,510	84,188	1.19	99,910	9,848	4,360	11	0
1941	85,163	84,401	1.56	131,327	11,442	4,570	0	0
1942	89,349	88,695	2.46	218,532	13,955	4,908	1	0
1943	106,651	105,821	2.64	279,622	16,841	6,413	(7)	0
1944	113,210	111,439	2.69	300,024	24,222	6,108	(7)	0
1945	104,350	103,619	2.93	303,939	27,246	7,467	143	0
1946	118,540	115,901	1.55	179,429	31,634	8,639	68	0
1947 <sup>8</sup>	114,380	112,817	1.25	140,869	40,694			0

## GRAPEFRUIT

Season <sup>1</sup>	Total production <sup>2</sup>	Production having value <sup>3</sup>	Season average returns per box to growers <sup>4</sup>	Farm value	Quantities processed <sup>5</sup>	Foreign trade, year beginning September		Receipts from Puerto Rico, year beginning July
						Domestic exports	Imports <sup>6</sup>	
1929	11,215	11,215	1.89	21,211	1,660	809	127	978
1930	18,690	18,690	.73	13,613	2,949	1,361	78	428
1931	15,181	15,181	.80	12,215	1,036	1,119	120	550
1932	15,004	15,004	.58	8,736	2,587	905	80	266
1933	14,672	14,647	.83	12,126	2,525	1,000	48	421
1934	21,347	21,166	.55	11,669	6,248	1,022	79	215
1935	18,347	18,313	.88	16,175	4,498	928	103	356
1936	30,670	30,570	.58	17,690	10,025	704	106	146
1937	31,133	31,103	.57	17,726	12,055	1,004	67	127
1938	43,594	39,820	.32	12,529	15,181	1,235	37	57
1939	35,192	34,846	.44	15,338	16,318	811	78	84
1940	42,883	42,879	.43	18,522	20,955	808	<sup>9</sup> 149	34
1941	40,261	40,257	.75	29,996	17,961	855	131	45
1942	50,481	50,479	1.15	58,073	27,194	1,069	45	0
1943	56,090	56,088	1.53	85,652	31,286	1,218	27	0
1944	52,180	52,177	1.69	88,139	26,839	1,351	46	0
1945	63,450	63,448	1.37	87,033	35,416	1,978	11	1
1946	59,520	55,484	.86	47,938	27,050	2,698	38	0
1947 <sup>8</sup>	61,630	54,670	.51	27,814	29,541			0

## LEMONS

Season <sup>1</sup>	Total production <sup>2</sup>	Production having value <sup>3</sup>	Season average returns per box to growers <sup>4</sup>	Farm value	Quantities processed <sup>5</sup>	Foreign trade, year beginning November		Receipts from Puerto Rico, year beginning July
						Domestic exports	Imports <sup>6</sup>	
1929	6,109	6,100	3.65	22,298	466	178	1,118	
1930	7,950	7,950	2.20	17,490	2,232	268	262	
1931	7,696	7,696	1.82	14,007	2,435	233	92	
1932	6,704	6,704	2.15	14,414	948	158	134	
1933	7,295	7,295	2.45	17,873	1,087	230	23	
1934	10,747	10,747	1.44	15,476	3,549	546	3	
1935	7,787	7,787	3.17	24,685	351	634	86	
1936	7,579	7,579	3.06	23,192	1,032	256	34	
1937	9,304	9,304	1.84	17,119	1,529	720	46	
1938	11,106	11,106	1.48	16,437	3,315	831	0	
1939	11,983	11,983	1.59	19,053	3,642	476	(7)	
1940	17,236	16,734	1.20	20,081	7,856	510	(7)	
1941	11,720	11,720	1.60	18,752	3,835	500	(7)	
1942	14,880	14,880	2.47	36,754	5,225	468	(7)	
1943	11,050	11,050	3.31	36,576	1,771	494	(7)	
1944	12,550	12,550	2.75	34,512	2,900	573	(7)	
1945	14,450	14,450	1.94	28,033	5,321	578	(7)	
1946	13,800	13,800	2.67	36,846	4,414	476		7
1947 <sup>8</sup>	12,870	12,870	2.44	31,403	4,386			

See footnotes at end of table.



TABLE 235.—Citrus fruits: Production, value, foreign trade, United States, and receipts from Puerto Rico, 1929-47—Continued

## LIMES

Season <sup>1</sup>	Total production <sup>2</sup>	Production having value <sup>3</sup>	Season average returns per box to growers <sup>4</sup>	Farm value	Quantities processed <sup>5</sup>	Foreign trade, year beginning July		Receipts from Puerto Rico, year beginning July
						Domestic exports	Imports <sup>6</sup>	
	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
1929	8	8	4.50	36			61	
1930	8	8	4.00	32			66	
1931	9	9	3.50	32			75	
1932	10	10	3.00	30			42	
1933	12	12	2.50	30			52	
1934	15	15	3.00	45			76	
1935	12	12	3.75	45			123	
1936	45	45	3.25	146			145	
1937	70	70	3.25	228			103	
1938	95	95	2.60	247			43	
1939	95	95	2.80	266			50	
1940	80	80	2.85	228			50	
1941	150	150	2.10	315	8		44	
1942	175	175	2.36	413	7		52	
1943	190	190	4.79	910	18		70	
1944	250	250	4.86	1,215	11		55	
1945	200	200	3.58	716	42		68	
1946	170	170	3.95	672	28		64	
1947 <sup>8</sup>	170	170	3.34	568	6			

<sup>1</sup> Season begins with the bloom of the year shown and ends with the completion of harvest the following year. In California picking usually extends from about Oct. 1 to Dec. 31 of the following year. In other States the season begins about Oct. 1 and ends in early summer, except for Florida limes, harvest of which usually starts about Apr. 1.

<sup>2</sup> Estimates of production include fruit consumed on farms, sold locally, and used for manufacturing purposes, as well as that shipped. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. For weight of boxes see pp. 4 and 5.

<sup>3</sup> Differences between "total production" and "production having value" consist of fruit unharvested, donated to charity, and/or eliminated.

<sup>4</sup> Prices are equivalent returns per box at the intake packing-house door for all methods of sale. Prices are State averages, weighted by production rather than by sales to obtain United States average.

<sup>5</sup> Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.

<sup>6</sup> Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit, 80 pounds per box; lemons, 76 pounds per box; limes, 80 pounds per box.

<sup>7</sup> Less than 500 boxes.

<sup>8</sup> As estimated from prospects on Dec. 1, 1948.

<sup>9</sup> Imports include pomeloes, beginning Jan. 1, 1941.

<sup>10</sup> Exports include limes, beginning Jan. 1, 1941.

Bureau of Agricultural Economics. Trade data from official records of the Department of Commerce. Data for 1919-28 in Agricultural Statistics, 1942, table 291.

TABLE 236.—*Citrus fruit: Production in specified countries, averages 1930-34 and 1935-39, annual 1942-47*<sup>1</sup>

## ORANGES (INCLUDING TANGERINES)

Continent and country	Average		1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
North America:	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Costa Rica.....	7	6	34	33	30	30	30	30
Mexico.....	3,486	4,761	7,561	8,317	8,943	9,280	10,778	11,066
United States.....	53,548	67,034	89,349	106,651	113,210	104,350	118,540	115,580
Cuba.....	710	1,050	1,000	1,250	1,150	1,125	1,175	1,200
Dominican Republic.....	500	500	549	492	321	485	428	400
Jamaica.....	500	595	525	500	525	600	550	760
Trinidad and Tobago.....	65	55	70	70	75	75	77	80
Total.....	58,816	74,001	99,088	117,313	124,254	115,945	131,578	129,116
Europe:								
Aegean Islands.....	31	43	40	40	40	40	40	40
France.....	39	37	24	6	20	21	30	30
Greece.....	775	1,267	1,000	1,000	1,000	1,216	1,150	1,329
Italy.....	14,304	11,701	11,020	11,621	8,489	9,715	11,590	12,125
Spain.....	34,697	24,167	24,921	24,901	30,576	26,603	17,772	27,589
Total.....	49,846	37,215	37,005	37,568	40,125	37,595	30,582	41,113
Asia:								
Cyprus.....	191	441	300	325	369	317	600	600
Iran.....	500	483	1,200	1,575	1,300	1,500	1,575	1,827
Lebanon.....	<sup>3</sup> 853	<sup>3</sup> 1,093	<sup>3</sup> 1,168	<sup>3</sup> 1,095	827	1,553	1,211	2,280
Palestine.....	4,405	8,652	5,000	8,400	6,000	8,000	9,199	13,000
Syria.....	(4)	(4)	(4)	(4)	70	70	73	81
Turkey.....	1,000	1,343	631	774	908	1,110	1,265	1,300
Japan.....	12,926	15,895	17,088	17,500	15,669	11,912	12,000	13,000
Philippine Islands.....	139	136	110	100	90	90	90	90
Total.....	20,014	28,043	25,497	29,769	25,233	24,552	26,013	32,178
South America:								
Argentina.....	4,705	9,212	18,021	11,240	11,136	9,092	10,689	10,000
Brazil.....	28,056	34,466	35,465	27,804	28,621	29,967	30,084	31,600
Chile.....	200	250	400	415	440	500	500	500
Ecuador.....	500	580	480	500	475	493	444	336
Paraguay.....	4,000	5,000	7,000	7,394	7,000	6,700	6,450	6,500
Surinam.....	21	20	11	25	36	43	86	100
Uruguay.....	1,000	1,300	1,300	1,100	900	794	782	800
Total.....	38,482	50,828	62,677	48,478	48,608	47,589	49,035	49,836
Africa:								
Algeria.....	2,063	3,191	3,547	3,449	3,221	4,298	3,055	3,401
British East Africa.....	100	100	130	140	150	144	150	150
Egypt.....	3,771	6,455	6,478	7,252	6,915	6,742	6,900	7,000
French Morocco.....	700	1,203	1,845	1,464	1,766	2,149	1,858	2,211
Northern Rhodesia.....	5	11	12	12	13	13	13	13
Southern Rhodesia.....	170	193	236	202	227	259	215	225
Tunisia.....	85	245	391	472	362	425	614	650
Union of South Africa.....	2,280	4,000	6,079	6,860	4,827	4,505	5,326	4,752
Total.....	9,174	15,398	18,718	19,851	17,481	18,535	18,131	18,402
Oceania:								
Australia.....	2,593	2,683	2,100	2,666	2,875	2,606	2,913	3,120
New Zealand.....	11	23	20	9	14	5	10	11
Total.....	2,604	2,706	2,120	2,675	2,889	2,611	2,923	3,131
World total.....	178,936	208,191	245,105	255,654	258,590	246,827	258,262	273,776

See footnotes at end of table.

TABLE 236.—*Citrus fruit: Production in specified countries, averages 1930-34 and 1935-39, annual 1942-47*<sup>1</sup>—Continued

Continent and country	Average		1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
GRAPEFRUIT								
North America:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
United States.....	16,979	31,787	50,481	56,090	52,180	63,450	59,520	62,860
Cuba.....	485	375	250	160	210	90	150	130
Jamaica.....	189	213	225	250	275	266	300	290
Puerto Rico.....	595	448	500	500	500	500	500	525
Trinidad and Tobago.....	19	70	152	130	200	241	291	300
Total.....	18,267	32,893	51,608	57,130	53,365	64,547	60,761	64,105
Asia:								
Palestine.....	285	1,445	300	800	692	800	1,238	1,500
South America:								
Argentina.....	28	49	196	182	112	93	100	100
Africa:								
Algeria.....			13	11	15	16	55	91
French Morocco.....	20	25	25	24	37	42	70	82
Union of South Africa.....	227	431	858	968	681	636	744	670
Total.....	247	456	896	1,003	733	694	869	843
World total.....	18,827	34,843	53,000	59,115	54,902	66,134	62,968	66,548
LEMONS								
North America:								
United States.....	8,078	9,552	14,880	11,050	12,550	14,450	13,800	12,700
Europe:								
Aegean Islands.....	4	9	10	10	10	10	10	10
Greece.....	231	367	375	375	375	328	406	415
Italy.....	13,843	9,637	9,204	8,092	6,784	6,373	7,138	10,153
Spain.....	1,651	1,444	1,085	1,573	1,431	812	1,474	1,566
Total.....	15,729	11,457	10,674	10,050	8,600	7,523	9,028	12,144
Asia:								
Cyprus.....	35	53	31	56	43	89	83	85
Lebanon.....	<sup>3</sup> 390	<sup>3</sup> 464	<sup>3</sup> 350	<sup>3</sup> 350	336	725	435	638
Palestine.....	15	88	60	60	312	350	353	500
Syria.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	8	9	9	10
Total.....	440	605	441	466	699	1,173	880	1,233
South America:								
Argentina.....	125	371	1,729	1,075	998	1,021	1,134	1,150
Chile.....	200	250	260	290	290	350	450	400
Total.....	325	621	1,989	1,365	1,288	1,371	1,584	1,550
Africa:								
Algeria.....	111	102	89	95	82	119	102	145
Egypt.....	75	83	134	100	140	150	150	150
French Morocco.....	10	10	12	8	6	14	24	31
Tunisia.....	20	45	40	145	174	174	180	175
Union of South Africa.....	80	142	211	242	170	106	124	112
Total.....	296	382	486	590	572	563	580	613
Oceania:								
Australia.....	328	308	290	364	335	356	456	428
New Zealand.....	57	65	50	56	62	54	59	56
Total.....	385	373	340	420	397	410	515	484
World total.....	25,253	22,990	28,810	23,491	24,106	25,490	26,387	28,724

<sup>1</sup> Production estimates relate to the crop from bloom of year shown. Harvesting in Northern Hemisphere countries begins about November and in Southern Hemisphere countries about February of the following year. <sup>2</sup> Preliminary. <sup>3</sup> Includes Syria. <sup>4</sup> Included in Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Production in the United States in terms of boxes of the following weights: Oranges, Florida and Texas, 90 pounds; California, 77 pounds; grapefruit, Florida and Texas, 80 pounds; California, 68 pounds; lemons, 79 pounds. Production in foreign countries converted to boxes of the following weights: Oranges, 70 pounds; grapefruit, 80 pounds; lemons, 76 pounds. For earlier data, see Agricultural Statistics, 1945, table 212, and 1946 book, table 227.

TABLE 237.—*Grapefruit segments and single-strength juice, canned: Pack in the United States, receipts from Puerto Rico, and exports, 1928-47*

Item and season beginning November—	Domestic pack				Receipts from Puerto Rico	Total pack and receipts	Domestic exports, year beginning July <sup>1</sup>
	Florida	Texas	California and Arizona	Total			
Segments:	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1928	957			957	56	1,013	
1929	1,317			1,317	441	1,758	
1930	2,712			2,712	205	2,917	<sup>3</sup> 210
1931	907			907	124	1,031	222
1932	2,162			2,162	25	2,187	493
1933	2,185	7		2,192	234	2,426	1,063
1934	3,588	7	4	3,599	236	3,835	962
1935	2,252	23		2,275	344	2,619	997
1936	4,058	131		4,189	244	4,433	1,151
1937	3,419	104		3,523	208	3,731	1,159
1938	4,106	106		4,212	96	4,308	1,486
1939	4,134	57		4,191	96	4,287	1,790
1940	3,140	64		3,204	43	3,247	16
1941	4,611	90		4,701	38	4,739	42
1942	888	87		975	0	975	5
1943	943	41		984	0	984	112
1944	411	54		465	32	497	50
1945	2,407	289		2,696	55	2,751	4
1946	5,098	490		5,588	57	5,645	1,487
1947	3,158	242		3,400	30	3,430	26
Juice, single strength:							
1928	205			205		205	
1929	174	18		192		192	
1930	412	50		462	5	467	
1931	248	93		341	1	342	
1932	726	41	12	779	3	782	
1933	610	73	161	844	4	848	
1934	2,237	361	442	3,040	18	3,058	
1935	1,758	544	300	2,602	50	2,652	
1936	3,919	2,247	450	6,616	205	6,821	
1937	3,370	4,992	449	8,811	104	8,915	
1938	6,190	5,254	180	11,624	47	11,671	<sup>4</sup> 364
1939	4,682	5,955	296	10,933	36	10,969	783
1940	10,647	5,720	421	16,788	31	16,819	715
1941	6,180	5,508	1,095	12,783	52	12,835	874
1942	15,193	7,300	1,049	23,602	33	23,635	729
1943	16,778	7,864	1,450	26,092	17	26,109	1,069
1944	12,025	9,144	1,266	22,435	217	22,652	678
1945	15,089	9,601	1,372	26,062	128	26,190	2,055
1946	8,583	8,240	791	17,614	219	17,833	2,536
1947	7,987	8,981	482	17,450	206	17,656	1,447

<sup>1</sup> Exports of juice may include small quantities of concentrated juice in recent years. In the 1947 pack year, approximately 425,000 cases of concentrate were thus shipped for Army relief-feeding in Germany.

<sup>2</sup> Equivalent cases of 24 No. 2 cans. Receipts from Puerto Rico and domestic exports of segments converted to cases at 30 pounds per case; juice at 3.4 gallons per case.

<sup>3</sup> January-June 1931.

<sup>4</sup> January-June 1939.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners. Exports from reports of the Department of Commerce. Figures in this table have been somewhat revised from those in earlier issues.

TABLE 238.—Orange juice, blended juices, and lemon juice, single-strength, canned: United States packs, 1929-47

Season beginning November—	Orange juice				Blended orange and grapefruit juices				Lemon juice
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	California
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
1929	38			38					
1930	61	33		94					
1931	36			36					
1932	64	35		99					
1933	58	245		303					
1934	241	704		945					42
1935	162	874		1,036	85			85	141
1936	498	912		1,410	272			272	249
1937	806	234		1,040	547			547	212
1938	926	337		1,263	699		18	717	59
1939	2,851	744		3,595	1,403		30	1,433	128
1940	3,078	1,016		4,094	2,537		32	2,569	294
1941	3,466	1,311		4,777	2,304		38	2,342	228
1942	2,429	394		2,823	3,676	1	25	3,702	29
1943	7,075	1,371		8,446	6,176	38	69	6,283	111
1944	13,935	2,842		16,777	7,745	76	254	8,075	330
1945	18,421	3,705	56	22,182	12,267	568	626	13,461	627
1946	17,294	2,321	102	19,717	10,034	85	340	10,459	327
1947	25,593	1,550	165	27,308	11,894	176	299	12,369	492

<sup>1</sup> Equivalent cases of 24 No. 2 cans.

Production and Marketing Administration.

TABLE 239.—Citrus fruits: Auction price per box at New York and Chicago, 1938-47

Market and season	Grapefruit		Lemons, California	Oranges			Market and Season	Grapefruit		Lemons, California	Oranges		
	Florida	Texas		California	Florida	California		Florida	California		Texas	California	Florida
New York:	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Chicago:	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1938	1.75	2.04	4.19	2.86	3.02	2.10	1938	1.94	1.86	4.32	2.72	2.94	2.26
1939	2.21	2.21	4.41	2.84	3.34	2.43	1939	2.31	2.04	4.37	2.88	3.20	2.40
1940	1.97	2.34	4.15	3.10	3.39	2.38	1940	2.00	1.91	4.19	3.03	3.34	2.46
1941	2.55	2.56	4.45	3.14	3.86	2.87	1941	2.83	2.16	4.48	3.03	3.74	2.23
1942	3.16	3.26	5.73	4.72	4.77	3.82	1942	3.17	2.81	5.74	4.78	4.58	3.75
1943	3.67	3.56	6.09	4.73	5.46	3.96	1943	3.22	3.00	6.20	4.79	5.38	3.87
1944	4.37	3.35	5.62	5.04	5.67	4.60	1944	3.34	3.22	5.47	4.94	5.66	4.28
1945	3.97	3.40	5.25	5.48	4.65	4.69	1945	3.58	3.08	5.56	5.34	5.10	4.26
1946	3.49	2.67	6.71	4.97	6.17	3.59	1946	3.26	2.80	7.47	4.81	6.24	3.37
1947 <sup>1</sup>	3.30	3.21	6.82	5.16	4.32		1947 <sup>1</sup>	2.92	2.68	7.00	4.83	4.33	3.07

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Compiled as follows: New York, reports of California Fruit Growers Exchange; Chicago, from Chicago Fruit and Vegetable Reporter. Prices weighted by number of boxes sold.

TABLE 240.—Cranberries: Acreage, yield, production, season average price per barrel received by farmers, value, and quantities processed, 5 States,<sup>1</sup> 1929-47

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Quantities processed <sup>2</sup>	Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Quantities processed <sup>2</sup>
	<i>Acres</i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>	<i>Bbl.<sup>3</sup></i>		<i>Acres</i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>	<i>Bbl.<sup>3</sup></i>
1929	27,640	20.6	569,800	13.49	7,687	-----	1939	28,140	25.0	704,200	9.85	6,933	206,102
1930	27,840	21.0	583,500	10.83	6,320	-----	1940	28,240	20.2	570,500	12.40	7,055	170,401
1931	27,940	23.4	674,000	6.55	4,284	-----	1941	28,440	25.5	725,200	11.70	8,491	266,760
1932	27,620	21.0	579,800	7.79	4,517	-----	1942	28,650	28.3	812,200	12.40	10,078	397,613
1933	27,540	25.4	698,700	6.41	4,481	-----	1943	28,840	23.9	687,900	16.40	11,270	275,500
1934	27,440	16.2	445,300	11.58	5,156	32,700	1944	29,100	12.9	375,700	24.60	9,237	158,400
1935	27,490	18.8	515,500	12.13	6,255	86,800	1945	29,580	22.2	656,100	20.90	13,686	281,000
1936	27,700	18.2	504,300	13.58	6,848	88,075	1946	29,890	28.6	856,100	31.90	27,291	587,500
1937	27,940	31.4	877,300	8.75	7,674	316,887	1947 <sup>4</sup>	30,100	26.3	790,200	20.40	16,152	500,200
1938	28,040	16.9	474,200	10.98	5,206	43,415							

<sup>1</sup> Massachusetts, New Jersey, Wisconsin, Washington, and Oregon.<sup>2</sup> Mainly for canning, except 128,425 barrels dried in 1943, 61,300 barrels in 1944, and 44,800 barrels in 1945.<sup>3</sup> Barrels of 100 pounds.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-28 in Agricultural Statistics, 1942, table 304.

TABLE 241.—Cranberries: Production and season average price per barrel received by farmers, by States, average 1936-45, annual 1944-47

State	Production					Price for crop of—				
	Average 1936-45	1944	1945	1946	1947 <sup>1</sup>	Average 1936-45	1944	1945	1946	1947 <sup>1</sup>
	<i>Barrels<sup>2</sup></i>	<i>Barrels<sup>2</sup></i>	<i>Barrels<sup>2</sup></i>	<i>Barrels<sup>2</sup></i>	<i>Barrels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Massachusetts	424,900	159,000	478,000	553,000	485,000	14.00	24.60	21.00	31.40	19.60
New Jersey	83,500	59,000	49,000	101,000	82,000	13.90	24.20	19.40	32.20	18.50
Wisconsin	97,500	115,000	82,000	145,000	161,000	15.00	25.50	21.20	33.50	24.00
Washington	24,180	30,000	36,400	42,000	48,000	13.60	21.80	20.10	32.00	20.00
Oregon	8,680	12,700	10,700	15,100	14,200	14.30	24.60	21.20	31.30	21.50
5 States	638,760	375,700	656,100	856,100	790,200	14.20	24.60	20.90	31.90	20.40

<sup>1</sup> Preliminary.<sup>2</sup> Barrels of 100 pounds.

Bureau of Agricultural Economics.

TABLE 242.—Dates: Production, season average price per ton received by farmers, and value, California, and imports, United States, 1929-47<sup>1</sup>

Year	Production	Price <sup>2</sup>	Farm value	Imports, year beginning July	Year	Production	Price <sup>2</sup>	Farm value	Imports, year beginning July
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>
1929	870	222	193	26,625	1939	2,600	126	328	22,547
1930	1,560	140	218	21,214	1940	6,200	117	725	22,394
1931	1,215	60	73	21,950	1941	5,790	150	868	9,081
1932	2,160	40	86	23,911	1942	7,740	262	2,028	1,631
1933	2,450	70	172	21,144	1943	10,770	466	5,019	324
1934	3,160	80	253	26,890	1944	13,190	492	6,489	11,964
1935	3,250	80	260	27,028	1945	6,800	398	2,706	19,518
1936	3,970	110	437	29,068	1946	16,720	185	3,093	22,592
1937	3,630	120	436	25,822	1947 <sup>3</sup>	10,180	94	957	-----
1938	3,530	125	441	23,474					

<sup>1</sup> The 1940 census reported date production in California, Arizona, and a few minor States in 1939, but of the total production 95 percent was in California.<sup>2</sup> Equivalent returns per ton for bulk fruit at the first delivery point.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Imports from records of Department of Commerce.

TABLE 243.—Figs: Production, season average price per ton received by farmers, and value, California and Texas, and imports, United States, 1929-47

Year	California						Texas, commercial preserving				California and Texas		Net imports, year beginning July (dried figs) <sup>1</sup>				
	Dried		Fresh and canned		Total		Production (fresh basis)		Farm value		Price	Production (fresh basis)		Farm value			
	Total production (dry basis)	Stand-ard	Sub-stand-ard	Price	Farm value	Production (fresh basis)	Farm value	Price	Farm value								
1929	17,000	12,000	5,000	90.00	1,530	7,300	100.00	730	38.77	2,260	2,780	40.00	111	1,111	38.82	61,080	8,884
1930	21,000	15,100	5,900	48.00	1,008	7,700	90.00	693	24.06	1,701	2,960	45.00	133	1,333	24.90	73,660	6,950
1931	17,000	9,500	7,500	37.00	629	5,300	74.00	392	18.13	1,021	1,850	59.00	109	1,099	19.43	58,150	3,837
1932	19,000	14,300	4,700	25.47	484	6,500	36.50	237	11.35	721	510	47.00	24	244	11.64	64,010	745
1933	21,500	17,200	4,300	43.80	942	5,900	50.50	298	17.61	1,240	660	55.00	36	367	17.96	71,060	3,543
1934	22,900	17,400	5,500	59.30	1,358	9,000	51.85	467	23.49	1,825	970	52.00	50	507	23.83	83,790	2,828
1935	24,000	18,800	5,200	43.00	1,032	10,200	56.50	576	19.56	1,608	1,590	64.00	102	1,022	20.41	78,670	3,190
1936	20,000	15,000	5,000	77.00	1,562	11,000	54.00	594	30.06	2,134	1,450	59.00	86	867	20.41	83,790	3,302
1937	28,700	23,600	5,100	68.00	2,051	11,000	70.30	844	28.50	2,673	1,610	60.00	97	967	29.01	99,710	2,946
1938	31,500	20,600	10,900	65.10	2,051	9,300	56.50	622	28.50	2,483	1,440	56.00	64	648	25.57	106,740	2,323
1939	26,000	20,900	5,100	78.00	2,028	9,300	49.10	457	28.50	2,483	1,240	45.00	56	566	28.20	88,440	785
1940	32,000	24,100	7,900	70.00	2,240	15,000	57.50	862	27.90	3,102	1,400	63.00	53	533	28.20	131,800	5,013
1941	33,500	25,000	8,500	114.00	3,819	19,000	58.10	1,104	41.20	4,923	1,100	82.00	90	900	41.50	120,900	3,310
1942	28,200	22,900	5,300	171.00	4,822	17,000	79.30	1,348	60.70	6,170	460	138.00	73	733	61.00	133,500	1,244
1943	36,700	29,900	6,800	292.00	10,716	23,000	137.00	3,151	91.30	13,867	750	168.00	128	1,253	97.80	125,350	1,068
1944	35,200	27,400	7,800	253.00	8,906	19,000	139.00	2,470	87.00	10,846	1,100	152.00	167	1,167	97.50	112,900	482
1945	32,600	25,600	7,000	273.00	8,900	14,000	139.00	1,946	99.50	12,713	1,280	174.00	253	1,253	100.00	124,980	409
1946	36,600	27,700	8,900	278.00	10,175	18,000	141.00	2,538	50.50	6,568	1,760	174.00	132	1,322	51.20	130,766	409
1947 <sup>2</sup>	38,000	30,700	7,300	124.00	4,712	16,000	116.00	1,856	50.50	6,568	1,760	174.00	132	1,322	51.20	130,766	409

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point.  
<sup>2</sup> California dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.  
<sup>3</sup> General imports minus re-exports, 1929-33; imports for consumption, 1934-41; imports for consumption minus exports—1942 to date.

<sup>4</sup> Net exports; classification beginning 1943.  
<sup>5</sup> Preliminary.  
 Bureau of Agricultural Economics, Imports and exports from records of Department of Commerce.

TABLE 244.—Grapes: Production, value, and foreign trade; also raisin production and foreign trade, United States, 1929-47

Year	Production (fresh basis) <sup>1</sup>						Season average price per ton received by farmers				Grapes			Raisins			
	California		Other States		United States		Dollars	California <sup>2</sup>	Other States	United States	Total farm value 1,000 dollars	Foreign trade, year beginning July		Production (Calif.) <sup>4</sup> 1,000 tons	Foreign trade, year beginning September <sup>6</sup>		
	1,000 tons	1,000 tons	Dollars	Dollars	Dollars	1,000 tons	Dollars	Dollars	Dollars	1,000 tons		Imports, fresh	Net exports <sup>3</sup>		Domestic exports	Imports	
	1,000 tons	1,000 tons	Dollars	Dollars	Dollars	1,000 tons	Dollars	Dollars	Dollars	1,000 tons	Exports, canned, in terms of fresh	Imports, fresh	Net exports <sup>3</sup>	1,000 tons	Exports	Imports	
1929	1,827	259	2,086	23.79	52.27	27.33	57.07	23,079	2,087	20,448	2,087	20,448	215	66,383	739		
1930	2,181	277	2,458	16.30	42.99	19.46	45,536	24,900	2,856	22,107	2,856	22,107	192	66,795	1,131		
1931	1,320	327	1,647	20.23	32.08	22.60	36,996	13,806	3,013	11,616	3,013	11,616	169	60,877	662		
1932	1,660	307	2,233	11.72	29.31	18.00	27,753	14,676	3,157	11,616	3,157	11,616	262	64,710	708		
1933	1,700	258	1,958	16.10	29.31	18.00	34,846	13,344	6	3,928	9,416	195	52,530	6	563		
1934	2,194	283	2,477	12.93	29.79	14.86	36,800	18,676	7,305	10,551	7,305	10,551	171	48,226	527		
1935	1,714	183	1,897	19.10	42.62	21.36	40,531	23,058	4,579	14,097	4,579	14,097	203	60,891	473		
1936	2,464	272	2,726	18.99	33.67	20.41	55,456	35,014	4,740	30,274	4,740	30,274	182	59,121	348		
1937	2,531	140	2,671	12.83	43.93	14.51	38,760	39,929	4,549	35,380	4,549	35,380	247	76,674	256		
1938	2,228	221	2,449	13.70	38.70	15.90	39,034	29,980	4,740	30,274	4,740	30,274	245	62,079	148		
1939	2,250	216	2,466	16.50	34.50	17.20	42,302	30,523	3,419	27,155	3,419	27,155	209	59,349	55		
1940	2,547	178	2,725	22.40	48.80	24.20	65,725	32,101	149	3,389	28,861	209	59,349	50			
1941	2,160	236	2,396	33.40	55.10	35.60	85,174	22,025	19	1,430	23,083	401	126,786	19			
1942	2,789	176	2,965	60.70	86.20	62.20	184,560	23,751	1	2,755	19,670	310	104,072	73			
1943	2,514	198	2,712	77.20	99.00	78.80	213,689	22,402	23	2,755	19,670	241	53,179	1			
1944	2,663	118	2,781	56.50	121.00	65.30	164,193	29,067	1	6,986	29,106	192	43,048	1,234			
1945	2,958	202	3,160	90.50	142.00	93.80	296,491	36,091	1	122,795	315	315	315	315	315		
1946	2,958	202	3,160	90.50	142.00	93.80	296,491	36,091	1	122,795	315	315	315	315	315		
1947	2,872	200	3,072	35.50	104.00	40.00	122,795	36,091	1	122,795	315	315	315	315	315		

<sup>1</sup> Includes the following quantities unharvested on account of economic conditions (1,000 tons): California, 1930-433, including 316 sold but left on the vines; 1931-10; 1932-154; 1933-3. Other States, 1937-9; 1940-2. Price and value apply only to the harvested portion of the crop plus a quantity of fruit that was sold but left on the vines in 1930.<sup>2</sup> Equivalent returns per ton for bulk fruit at the first delivery point.<sup>3</sup> Total exports (domestic plus foreign) minus total imports. Beginning 1933, domestic exports minus imports for consumption.<sup>4</sup> Included in total production of grapes, fresh basis; 1 ton of raisins equivalent to about 4 tons of fresh grapes.<sup>5</sup> Exports and imports of raisins converted to sweatbox, or production, basis at the ratio of 1 to 1.08.<sup>6</sup> Beginning 1933, imports for consumption.  
<sup>7</sup> January-June 1941; first date reported. One pound canned equals 0.741 pound fresh.<sup>8</sup> Includes currants beginning January 1943.<sup>9</sup> The production estimate for California includes 12,000 tons (fresh weight) of raisin varieties lost on the drying trays because of rain damage.<sup>10</sup> Less than 1/2 ton.<sup>11</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, 1929-42, and official records of the U. S. Department of Commerce.



TABLE 245.—*Grapes: Production and season average price per ton received by farmers, by States, average 1936-45, annual 1945-47*

State and division	Production <sup>1</sup>				Price for crop of—			
	Average 1936-45	1945	1946	1947 <sup>2</sup>	Average 1936-45	1945	1946	1947 <sup>3</sup>
	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars	Dollars
New York.....	53,350	31,300	64,500	60,000	63.30	143.00	163.00	118.00
New Jersey.....	2,270	900	2,400	1,900	61.60	128.00	114.00	102.00
Pennsylvania.....	15,820	6,000	19,500	18,100	64.30	140.00	158.00	110.00
North Atlantic.....	71,440	38,200	86,400	80,000	63.90	142.00	161.00	116.00
Ohio.....	18,360	5,100	12,500	15,400	58.60	135.00	150.00	100.00
Indiana.....	2,610	1,300	1,900	2,400	53.70	120.00	100.00	75.00
Illinois.....	3,810	2,800	2,300	3,200	55.50	110.00	100.00	94.00
Michigan.....	34,180	13,500	31,000	42,500	59.20	138.00	137.00	88.00
Iowa.....	3,020	3,000	2,700	2,600	63.30	100.00	95.00	95.00
Missouri.....	5,800	3,800	3,100	3,800	54.90	86.00	84.00	74.00
Kansas.....	2,290	2,300	1,600	1,900	62.80	76.00	92.00	88.00
North Central.....	70,070	31,800	55,100	71,800	58.10	120.00	131.00	89.90
Virginia.....	1,810	400	2,200	1,800	83.90	180.00	170.00	170.00
West Virginia.....	1,235	300	1,800	900	81.70	184.00	150.00	150.00
North Carolina.....	5,480	2,900	5,100	5,600	81.60	178.00	200.00	180.00
South Carolina.....	1,210	1,100	1,100	1,100	84.40	165.00	200.00	180.00
Georgia.....	1,820	2,300	2,200	2,600	90.00	180.00	190.00	180.00
South Atlantic.....	11,555	7,000	12,400	12,000	82.80	177.00	186.00	176.00
Arkansas.....	8,170	5,200	10,800	12,600	52.40	120.00	125.00	89.00
South Central.....	8,170	5,200	10,800	12,600	52.40	120.00	125.00	89.00
Arizona.....	950	1,000	1,000	1,100	94.90	266.00	387.00	242.00
Washington.....	11,810	19,500	19,400	21,400	38.50	64.20	84.70	67.40
Oregon.....	1,920	1,700	1,600	1,500	50.60	87.00	90.00	80.00
California, all.....	2,385,000	2,663,000	2,958,000	2,872,000	<sup>4</sup> 33.00	<sup>4</sup> 56.50	<sup>4</sup> 90.50	<sup>4</sup> 35.50
Wine varieties.....	553,900	619,000	684,000	517,000	<sup>4</sup> 38.60	<sup>4</sup> 62.30	<sup>4</sup> 104.00	<sup>4</sup> 33.40
Table varieties.....	451,600	512,000	630,000	620,000	<sup>4</sup> 43.50	<sup>4</sup> 58.00	<sup>4</sup> 98.50	<sup>4</sup> 45.60
Raisin varieties.....	1,379,500	1,532,000	1,644,000	1,735,000	<sup>4</sup> 27.40	<sup>4</sup> 53.70	<sup>4</sup> 81.90	<sup>4</sup> 32.50
Raisins <sup>4</sup> .....	254,950	241,000	193,000	315,000	<sup>4</sup> 105.00	<sup>4</sup> 203.00	<sup>4</sup> 312.00	<sup>4</sup> 128.00
Not dried.....	359,700	568,000	872,000	475,000	<sup>4</sup> 33.80	<sup>4</sup> 58.80	<sup>4</sup> 85.30	<sup>4</sup> 34.00
Western.....	2,399,680	2,685,200	2,980,000	2,896,000	33.10	56.70	90.60	35.90
Other States <sup>5</sup> .....	18,005	14,000	14,800	-----	-----	-----	-----	-----
United States.....	2,578,920	2,781,400	3,159,500	3,072,400	34.90	59.30	93.80	40.00

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1945, the production estimate for California includes 12,000 tons (fresh weight) of raisin varieties lost on the drying trays because of rain damage.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent returns per ton for bulk fruit at the first delivery point.

<sup>4</sup> Dried basis: 1 ton of raisins equivalent to about 4 tons of fresh grapes.

<sup>5</sup> "Other States" totals include Massachusetts, Rhode Island, Connecticut, Wisconsin, Nebraska, Delaware, Maryland, Florida, Kentucky, Tennessee, Alabama, Oklahoma, Texas, Idaho, Colorado, New Mexico, and Utah. Estimates of grape production for those States were discontinued, beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 246.—*Grapes: Utilization of production, United States, 1938-47 crops*

Year	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned <sup>2</sup>	Dried	Other <sup>3</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1938.....	2,671,150	2,671,150	32,460	2,638,690	550,992	5,000	1,168,800	913,898
1939.....	2,448,950	2,448,950	39,350	2,409,600	601,150	11,000	988,600	808,850
1940.....	2,466,450	2,464,050	36,720	2,427,330	633,250	11,300	688,600	1,094,180
1941.....	2,724,900	2,724,900	34,750	2,690,150	623,500	18,000	840,000	1,208,650
1942.....	2,395,500	2,395,500	36,970	2,358,530	593,780	16,400	1,025,000	723,350
1943.....	2,965,250	2,965,250	31,760	2,933,490	425,620	13,000	1,605,800	889,070
1944.....	2,712,100	2,712,100	37,050	2,675,050	454,860	14,000	1,238,000	968,190
1945.....	2,781,400	2,769,400	26,590	2,742,810	525,260	11,000	969,200	1,237,500
1946.....	3,119,500	3,119,500	32,800	3,086,700	559,650	14,300	732,400	1,780,350
1947 <sup>4</sup> .....	3,072,400	3,072,400	27,100	3,045,300	659,150	23,000	1,261,100	1,102,050

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.

<sup>2</sup> Includes estimated quantities of grapes canned in California only. In some of the other States, in some years, small quantities of grapes were canned. Estimates of these quantities, however, are not available, and that part of production which was canned in those States is included in "fresh."

<sup>3</sup> Mostly crushed for wine, brandy, and juice, but also includes quantities for freezing, jam, and jelly.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-37 in Agricultural Statistics, 1946, table 236.

TABLE 247.—*Grapes: Utilization of production, by States, 1946 and 1947 crops*  
CROP OF 1946

State	Total production	Production having value	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned	Dried	Other <sup>1</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
New York.....	64,500	64,500	1,620	62,880	6,880	.....	.....	56,000
New Jersey.....	2,400	2,400	200	2,200	1,240	.....	.....	960
Pennsylvania.....	19,500	19,500	2,500	17,000	2,400	.....	.....	14,600
Ohio.....	12,500	12,500	2,000	10,500	3,500	.....	.....	7,000
Michigan.....	31,000	31,000	1,700	29,300	9,300	.....	.....	20,000
Arkansas.....	10,800	10,800	800	10,000	500	.....	.....	9,500
Washington.....	19,400	19,400	680	18,720	1,580	.....	.....	17,140
California, all.....	2,918,000	2,918,000	2,700	2,915,300	516,700	14,300	732,400	1,651,900
Wine varieties.....	684,000	684,000	1,400	682,600	102,100	.....	.....	580,500
Table varieties.....	630,000	630,000	600	629,400	270,400	.....	400	358,600
Raisin varieties.....	1,604,000	1,604,000	700	1,603,300	144,200	14,300	<sup>2</sup> 732,000	712,800
Other States <sup>3</sup> .....	41,400	41,400	20,600	20,800	17,550	.....	.....	3,250
United States.....	3,119,500	3,119,500	32,800	3,086,700	559,650	14,300	732,400	1,780,350

CROP OF 1947<sup>5</sup>

New York.....	60,000	60,000	1,620	58,380	6,080	.....	.....	52,300
New Jersey.....	1,900	1,900	200	1,700	870	.....	.....	830
Pennsylvania.....	18,100	18,100	2,000	16,100	1,800	.....	.....	14,300
Ohio.....	15,400	15,400	2,200	13,200	4,500	.....	.....	8,700
Michigan.....	42,500	42,500	1,800	40,700	14,150	.....	.....	26,550
Arkansas.....	12,600	12,600	900	11,700	580	.....	.....	11,120
Washington.....	21,400	21,400	750	20,650	1,840	.....	.....	18,810
California, all.....	2,872,000	2,872,000	2,700	2,869,300	619,200	23,000	1,261,100	966,000
Wine varieties.....	517,000	517,000	1,400	515,600	114,600	.....	.....	401,000
Table varieties.....	620,000	620,000	600	619,400	327,600	.....	1,100	290,700
Raisin varieties.....	1,735,000	1,735,000	700	1,734,300	177,000	23,000	<sup>2</sup> 1,260,000	274,300
Other States <sup>3</sup> .....	28,500	28,500	14,930	13,570	10,130	.....	.....	3,440
United States.....	3,072,400	3,072,400	27,100	3,045,300	659,150	23,000	1,261,100	1,102,050

<sup>1</sup> Mostly crushed for wine, brandy, and juice, but also includes quantities for freezing, jam, and jelly.

<sup>2</sup> Fresh basis: dried raisins converted to fresh weight at ratio of 4 tons fresh to 1 ton dried.

<sup>3</sup> For years prior to 1947: *Massachusetts, Rhode Island, Connecticut, Indiana, Illinois, Wisconsin, Iowa, Missouri, Nebraska, Kansas, Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Oklahoma, Texas, Idaho, Colorado, New Mexico, Arizona, Utah, and Oregon.* Reports from States in italics were discontinued, beginning with the 1947 crop.

<sup>4</sup> Includes estimated quantities of grapes canned in California only. In some of the other States, in some years, small quantities of grapes were canned. Estimates of these quantities are not available, however, and that part of production which was canned in those States is included in "fresh sales".

<sup>5</sup> Preliminary.  
Bureau of Agricultural Economics.

TABLE 248.—*Grapes, California: Utilization of harvested production of all varieties, 1929-47*

Year	Harvested production	Dried, fresh basis <sup>1</sup>	Table stock <sup>2</sup>	Crushed by commercial wineries	Otherwise used as juice stock <sup>2</sup>	Canned
	Tons	Tons	Tons	Tons	Tons	Tons
1929.....	1,827,000	898,000	320,200	51,000	555,500	2,300
1930.....	1,748,000	782,100	316,400	74,100	574,100	1,300
1931.....	1,310,000	702,400	235,400	34,600	337,300	300
1932.....	1,772,000	1,062,000	230,400	99,000	380,100	500
1933.....	1,657,000	793,000	201,230	444,000	217,800	970
1934.....	1,700,000	695,200	263,400	530,000	209,200	2,200
1935.....	2,194,000	816,000	252,500	887,000	236,100	2,400
1936.....	1,714,000	733,600	289,900	494,000	193,300	3,200
1937.....	2,454,000	994,000	316,400	911,000	225,100	7,500
1938.....	2,531,000	1,168,800	309,200	862,000	186,000	5,000
1939.....	2,228,000	988,600	293,600	712,000	222,800	11,000
1940.....	2,250,000	688,600	326,900	996,000	227,200	11,300
1941.....	2,547,000	840,000	350,900	1,120,000	218,100	18,000
1942.....	2,160,000	1,025,000	320,100	596,100	202,400	16,400
1943.....	2,789,000	1,605,800	318,700	790,000	61,500	13,000
1944.....	2,514,000	1,238,000	274,000	858,000	130,000	14,000
1945.....	2,651,000	969,200	351,000	1,170,000	149,830	11,000
1946.....	2,918,000	732,400	379,100	1,651,900	140,300	14,300
1947.....	2,872,000	1,261,100	458,900	966,000	163,000	23,000

<sup>1</sup> Includes small quantities of dried grapes which were finally used for juice. 1 ton dried equals 4 tons fresh.

<sup>2</sup> Estimates made by the Giannini Foundation of Agricultural Economics, University of California.

Bureau of Agricultural Economics. Compiled partly from reports of the California Cooperative Crop Reporting Service and the Federal-State market news service.

TABLE 249.—*Grapes: Number of packages of selected California varieties sold and the weighted season average prices <sup>1</sup>, auction sales in 12 markets <sup>2</sup>, 1942-47*

Variety or type	Number of packages (crates or lugs) <sup>3</sup>						Average price per package					
	1942	1943	1944	1945	1946	1947	1942	1943	1944	1945	1946	1947
	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars	Dol- lars
Tokay.....	689	562	526	217	754	747	1.99	2.89	2.59	2.31	2.75	2.02
Emperor.....	663	743	848	669	1,380	2,289	2.82	3.20	4.02	2.81	3.60	2.54
Red Malaga.....	156	390	330	157	392	492	2.81	4.38	4.07	2.87	4.73	3.17
Ribier.....	415	411	342	244	591	623	2.48	3.29	3.56	2.67	3.54	2.77
Sultana (Thompson Seed- less).....	2,036	4 163	4 291	4 851	2,119	2,570	2.47	5.28	5.56	2.61	4.04	2.85
Malaga.....	527	664	554	197	444	441	1.81	2.93	3.08	2.56	2.38	1.88
Muscat.....	396	(4)	4 256	4 180	375	470	1.82	-----	3.60	2.48	3.46	2.29
Alicante Bouschet.....	1,071	129	786	519	994	973	2.06	3.43	4.30	2.99	3.43	2.64
Carignane.....	339	7	245	192	230	310	1.57	3.20	3.33	2.84	3.39	2.30
Cornichon.....	54	82	71	53	87	89	2.03	2.45	2.72	2.40	2.60	1.81
Mataro.....	19	6	19	10	15	20	1.77	3.25	4.44	2.81	3.61	2.34
Mission.....	32	-----	9	19	16	35	1.60	-----	3.93	2.73	3.20	1.97
Petit Sirah.....	22	9	16	2	5	7	1.77	3.24	3.87	3.05	3.56	2.70
Zinfandel.....	757	139	332	67	361	304	1.82	3.12	4.36	2.69	3.80	2.83
Almeria.....	175	152	160	209	364	299	3.04	3.23	4.66	3.02	4.26	2.69
Total or average <sup>5</sup> .....	7,685	3,536	5,083	3,759	8,480	10,105	2.19	3.33	3.83	2.75	3.63	2.58

<sup>1</sup> Season begins about July 1 and ends in December for years prior to 1945; since then this table covers the entire season.

<sup>2</sup> Baltimore, Boston, Chicago, Cincinnati, Cleveland, Detroit, Minneapolis, St. Paul, New York, Philadelphia, Pittsburgh, and St. Louis, except for 1943 when Detroit and Cleveland market news offices were closed. Auction sales at Jersey City are included with New York.

<sup>3</sup> Table stock mostly in packages containing about 28 pounds; juice stock in packages containing mostly 25 to 40 pounds, with some special packs ranging from 42 to 50 pounds.

<sup>4</sup> Most of Thompson Seedless crop and all of Muscat crop in 1943 and most of both crops in 1944 and 1945 were restricted to raisin use, causing greatly reduced quantities of these varieties on fresh market.

<sup>5</sup> All California grapes sold at auction, including some varieties not shown in this table.

Production and Marketing Administration. Data for 1936-41 in Agricultural Statistics, 1942, table 312.

TABLE 250.—*Olives: Production, season average price per ton received by farmers, value, and utilization, California; and imports, United States, 1929-47*<sup>1</sup>

Year	Production <sup>2</sup>	Price	Farm value	Utilization			Imports, year beginning July			
				Crushed for oil	Canned	Other <sup>3</sup>	Olive oil		Olives	
							Edible	Inedible	In brine	Dried, etc.
	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	1,000 pounds	1,000 pounds	1,000 gallons	1,000 pounds
1929	21,000	66.90	1,405	8,200	9,800	2,200	98,446	60,173	8,452	61
1930	20,000	62.70	1,254	7,800	9,800	1,800	73,793	52,410	7,429	770
1931	16,000	39.40	630	7,100	6,400	1,800	78,669	58,867	7,057	510
1932	22,000	32.00	544	8,200	5,900	2,200	72,366	52,793	4,675	337
1933	14,000	58.30	816	4,200	7,900	1,500	57,433	46,515	5,806	102
1934	18,000	85.30	1,535	4,400	9,900	2,600	62,562	52,591	6,821	160
1935	32,000	45.40	1,453	17,300	7,800	5,400	68,245	36,543	6,442	2,465
1936	27,000	62.50	1,688	11,000	13,800	1,500	57,684	38,982	6,493	1,824
1937	28,000	67.60	1,893	12,300	11,500	3,500	58,665	17,015	5,444	126
1938	45,000	45.80	1,992	27,000	6,900	8,000	65,664	38,447	6,393	99
1939	23,000	74.00	1,702	6,100	12,200	3,700	64,586	36,727	6,907	126
1940	69,000	76.20	5,258	39,100	16,200	12,000	21,697	14,843	7,018	123
1941	55,000	153.00	8,415	28,300	16,700	9,400	6,399	3,103	4,923	44
1942	57,000	122.00	6,954	34,200	11,100	10,100	6,478	834	7,330	(4)
1943	57,000	178.00	10,146	28,600	15,500	11,900	960	145	9,348	(4)
1944	42,000	200.00	8,400	19,800	13,800	7,600	7,690	101	9,847	0
1945	30,000	269.00	8,070	9,800	13,500	6,400	1,795	82	10,532	17
1946	48,000	374.00	17,952	14,300	27,500	5,900	16,956	274	8,572	325
1947 <sup>5</sup>	40,000	159.00	6,360	20,200	14,000	5,100				

<sup>1</sup> According to the 1940 census there is also some commercial production of olives in Arizona but 99.8 percent of the 1939 production was in California.

<sup>2</sup> Includes the following quantities unharvested on account of economic conditions (tons): 1932—5,000; 1938—1,500. Price and value apply only to the harvested portion of the crop.

<sup>3</sup> Includes the olives used for California Spanish Green, Greek style, Sicilian style, chopped, minced, brine, and other cures.

<sup>4</sup> Less than 500 pounds.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Imports compiled from reports of Department of Commerce. About 40 gallons of oil are obtained from 1 ton of olives in California. A gallon of olive oil weighs approximately 7.5 pounds.

TABLE 251.—*Peaches: Production, value, and domestic exports, United States, 1929-47*

Year	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Domestic exports, year beginning July <sup>2</sup>				
					Fresh	Dried <sup>3</sup>	Canned	Dried in fruit salad <sup>3,4</sup>	Total in terms of fresh <sup>5</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 bushels</i>
1929	42,827								
1929	45,358	45,358	1.49	67,598	19,973	3,847	74,470	6,280	2,490
1930	56,392	52,142	1.00	52,062	12,859	8,482	75,763	3,049	3,306
1931	77,846	73,306	.60	43,818	10,731	8,490	66,300	3,268	3,093
1932	44,108	36,399	.60	21,961	3,298	7,649	74,999	2,963	2,974
1933	46,141	43,974	.80	35,351	3,371	7,569	81,464	2,511	3,043
1934	44,748								
1934	48,602	46,112	.87	40,084	4,884	6,351	50,419	2,393	2,259
1935	55,440	55,348	.89	49,144	10,041	6,097	102,957	3,039	3,510
1936	48,756	48,756	1.00	48,886	16,071	7,045	60,244	1,887	2,720
1937	60,049	59,944	1.04	62,270	8,154	6,349	56,388	2,735	2,493
1938	53,922	52,655	.77	40,285	10,436	8,238	96,651	4,381	3,828
1939	56,577								
1939	64,222	63,197	.82	52,110	8,779	5,159	86,410	3,279	3,051
1940	57,832	57,025	.80	45,362	7,823	1,604	3,963	752	544
1941	75,363	73,103	.91	66,594	5,987	6,940	17,962	636	1,458
1942	66,720	65,705	1.50	98,393	6,044	10,510	12,037	443	1,763
1943	42,761	42,469	2.69	114,037	11,106	14,671	29,888	(7)	2,711
1944	68,011								
1944	78,191	75,745	2.35	178,078	10,104	25,773	35,541	3	4,213
1945	81,548	80,332	2.23	179,532	21,874	4,193	26,922	810	1,650
1946	86,643	86,297	2.13	183,533	20,475	25,363	51,682	4,307	5,258
1947 <sup>8</sup>	82,603	81,113	1.67	135,212					

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

<sup>3</sup> Net processed weight.

<sup>4</sup> Dried peaches are 21 percent of total dried fruit for salad.

<sup>5</sup> Exports of dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.5 pounds fresh from 1929 to date; conversion ratios of 5½ and 6 pounds prevailed in earlier years. Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh. 48 pounds of fresh equal 1 bushel.

<sup>6</sup> January to June; not separately reported prior to this time.

<sup>7</sup> Less than 500 pounds.

<sup>8</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns of harvested production.

TABLE 252.—*Peaches: Production and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947*

State and division	Production <sup>1</sup>			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947
	1,000 bu.	1,000 bu.	1,000 bu.	Dollars	Dollars	Dollars
New Hampshire.....	15	5	22	2.66	3.80	3.25
Massachusetts.....	56	70	85	2.60	3.50	3.05
Rhode Island.....	17	15	13	2.56	3.45	2.90
Connecticut.....	130	154	160	2.50	3.45	2.90
New York.....	1,332	1,682	1,440	1.92	2.10	2.00
New Jersey.....	1,276	1,776	1,617	1.78	2.30	1.75
Pennsylvania.....	1,809	2,226	1,920	1.90	2.65	2.40
North Atlantic.....	4,634	5,928	5,257	1.86	2.43	2.12
Ohio.....	836	553	1,020	2.08	2.70	2.30
Indiana.....	334	519	725	1.92	2.75	2.10
Illinois.....	1,367	1,529	<sup>3</sup> 2,413	1.90	2.60	1.80
Michigan.....	2,998	3,100	4,300	1.68	2.00	1.80
Missouri.....	575	1,098	1,288	1.98	2.75	2.30
Kansas.....	62	154	12	1.99	2.40	2.80
North Central.....	6,173	8,953	9,758	1.81	2.29	1.94
Delaware.....	406	408	171	1.62	2.80	2.40
Maryland.....	505	646	425	1.77	3.30	2.45
Virginia.....	1,282	2,640	<sup>3</sup> 1,680	1.82	2.25	1.90
West Virginia.....	466	583	388	1.78	2.35	2.15
North Carolina.....	1,971	3,160	2,905	1.85	2.30	1.45
South Carolina.....	2,695	5,994	<sup>3</sup> 6,630	1.90	2.50	1.65
Georgia.....	5,033	5,628	<sup>3</sup> 5,810	2.22	2.90	1.60
Florida.....	87	96	64	1.47	2.25	2.10
South Atlantic.....	12,445	19,155	18,073	1.95	2.58	1.66
Kentucky.....	653	672	783	1.66	2.50	2.00
Tennessee.....	1,036	540	1,209	1.49	2.50	2.10
Alabama.....	1,435	1,250	1,525	1.48	2.65	2.40
Mississippi.....	875	868	854	1.52	3.10	2.85
Arkansas.....	2,040	2,479	2,220	1.56	2.35	2.10
Louisiana.....	298	293	270	1.68	3.05	2.85
Oklahoma.....	406	598	464	1.80	2.50	2.50
Texas.....	1,628	1,856	1,696	1.58	2.25	2.55
South Central.....	8,369	8,556	9,021	1.53	2.50	2.34
Idaho.....	254	285	357	1.42	2.40	2.00
Colorado.....	1,752	1,985	2,106	1.68	2.20	2.60
New Mexico.....	150	360	94	1.73	2.25	2.50
Utah.....	636	700	933	1.40	2.10	1.80
Washington.....	1,997	2,700	2,817	1.36	1.94	1.70
Oregon.....	505	729	851	1.64	2.85	2.25
California, all.....	25,877	<sup>3</sup> 37,086	<sup>3</sup> 33,336	1.05	1.71	1.25
Clingstone <sup>4</sup> .....	15,872	<sup>3</sup> 23,085	<sup>3</sup> 21,377	1.00	1.54	1.21
Freestone.....	10,005	14,001	11,959	1.14	1.98	1.31
Western.....	31,170	43,845	40,494	1.13	1.78	1.39
Other States <sup>5</sup> .....	146	206	.....	.....	.....	.....
United States.....	62,936	86,643	82,603	1.41	2.13	1.67

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1946 and 1947, estimates of such quantities were as follows (1,000 bu.): 1946—New York, 84; California clingstone, 42; 1947—New York, 72; Illinois, 50; Michigan, 50; Virginia, 50; South Carolina, 362; Georgia, 100; Idaho, 14; California freestone, 250. Prices apply only to the harvested portion of the crop.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes the following quantities harvested but not utilized because of abnormal cullage (1,000 bushels): 1946—California clingstone, 250; 1947—Illinois, 30; Virginia, 67; South Carolina, 180; Georgia, 181; California clingstone, 84.

<sup>4</sup> Mainly for canning.

<sup>5</sup> "Other States" totals include Iowa, Nebraska, Arizona, and Nevada. Estimates of peach production for those States were discontinued, beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 253.—*Peaches: Utilization of production, United States, 1938-47 crops*

Year	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm house-hold use	Sold	Fresh <sup>2</sup>	Processed			
						Canned	Dried	Frozen	Other <sup>3</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938	53,922	52,655	5,447	47,208	30,089	10,988	6,034	-----	97
1939	64,222	63,197	6,457	56,740	35,534	14,386	6,668	-----	152
1940	57,832	57,025	5,202	51,823	31,047	13,839	6,830	-----	107
1941	75,363	73,103	7,659	65,444	43,571	17,290	4,080	-----	503
1942	66,720	65,705	5,993	59,712	34,197	18,904	6,409	-----	202
1943	42,761	42,469	2,781	39,688	20,077	14,515	4,484	400	212
1944	78,191	75,745	6,576	69,169	42,134	18,298	7,298	1,243	196
1945	81,518	80,332	6,904	73,428	45,263	19,350	6,267	2,346	202
1946	86,643	86,267	6,955	79,312	45,235	25,549	6,805	1,527	196
1947 <sup>4</sup>	82,603	81,113	6,972	74,141	43,249	25,140	4,953	731	68

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage. <sup>2</sup> Includes some quantities canned and/or frozen for some States in some years.

<sup>3</sup> Includes fruit used for jam and jelly, crushed for spirits, etc. For the years 1938-42, quantities frozen also are included. <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-37 in Agricultural Statistics, 1946, table 243.

TABLE 254.—*Peaches: Utilization of production, by States, 1946 and 1947 crops*

CROP CF 1946

State	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold				
			For farm house-hold use	Sold	Fresh <sup>2</sup>	Processed			
						Canned	Dried	Frozen	Other <sup>3</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
New York	1,682	1,598	85	1,513	<sup>2</sup> 1,513	-----	-----	-----	-----
Pennsylvania	2,226	2,226	196	2,030	1,900	130	-----	-----	-----
Michigan	5,100	5,100	160	4,940	4,390	560	-----	50	-----
Virginia	2,640	2,640	600	2,040	1,770	190	-----	63	17
South Carolina	5,994	5,994	315	5,679	5,329	300	-----	50	-----
Georgia	5,628	5,628	562	5,066	4,426	340	-----	133	167
Washington	2,700	2,700	110	2,590	1,538	740	-----	302	10
Oregon	729	729	95	634	540	39	-----	53	2
California, all	37,086	36,794	137	36,657	5,938	23,148	6,805	766	-----
Clingstone	23,085	22,793	54	22,739	333	22,081	171	154	-----
Freestone	14,001	14,001	83	13,918	5,605	1,067	6,634	612	-----
Other States <sup>4</sup>	22,858	22,858	4,695	18,163	17,891	162	-----	110	-----
United States	86,643	86,267	6,955	79,312	45,235	25,549	6,805	1,527	196

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New York	1,440	1,368	85	1,283	1,283	-----	-----	-----	-----
Pennsylvania	1,920	1,920	216	1,704	1,604	70	-----	30	-----
Michigan	4,300	4,250	160	4,090	3,595	450	-----	45	-----
Virginia	1,680	1,563	400	1,163	1,076	56	-----	31	-----
South Carolina	6,630	6,088	315	5,773	5,373	400	-----	-----	-----
Georgia	5,810	5,529	640	4,889	4,111	550	-----	201	27
Washington	2,817	2,817	110	2,707	1,501	1,031	-----	136	39
Oregon	851	851	95	756	550	133	-----	71	2
California, all	33,336	33,002	138	32,864	5,422	22,351	4,953	138	-----
Clingstone	21,377	21,293	54	21,239	513	20,679	37	17	-----
Freestone	11,959	11,709	84	11,625	4,909	1,679	4,916	121	-----
Other States <sup>4</sup>	23,819	23,725	4,813	18,912	18,734	99	-----	79	-----
United States	82,603	81,113	6,972	74,141	43,249	25,140	4,953	731	68

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions, and/or harvested but not utilized because of abnormal cullage. <sup>2</sup> Includes some quantities canned and/or frozen for some States in some years.

<sup>3</sup> Includes fruit used for jam and jelly, crushed for spirits, etc.

<sup>4</sup> For years prior to 1947: New Hampshire, Massachusetts, Rhode Island, Connecticut, New Jersey, Ohio, Indiana, Illinois, Iowa, Missouri, Nebraska, Kansas, Delaware, Maryland, West Virginia, North Carolina, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, Idaho, Colorado, New Mexico, Arizona, Utah, and Nevada. Reports from States in italics were discontinued, beginning with the 1947 crop.

<sup>5</sup> Preliminary. Bureau of Agricultural Economics.

TABLE 255.—Pears: Production, value, and foreign trade, United States, 1929-47

Year	Total production	Production having value <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Foreign trade, year beginning July <sup>2</sup>					
					Domestic exports					Imports
					Fresh <sup>3</sup>	Canned	Dried <sup>3</sup>	Dried in fruit salad <sup>4</sup>	Total in terms of fresh fruit <sup>5</sup>	
1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels	1,000 pounds	
1929	<i>19,520</i>									
1929	21,726	21,726	1.71	37,070	62,024	54,709	3,655	6,222	2,947	
1930	27,167	25,875	.84	21,859	134,670	74,355	8,037	2,420	5,583	76
1931	25,280	24,655	.77	18,917	90,702	71,570	6,079	2,593	4,442	14
1932	24,513	21,038	.49	10,263	119,987	60,762	6,257	2,351	4,768	6
1933	24,010	21,733	.68	14,856	111,008	78,384	8,408	1,993	5,198	5
1934	<i>26,879</i>									
1934	28,095	27,375	.80	21,864	100,635	71,379	5,687	1,899	4,517	192
1935	25,943	25,674	.74	19,099	124,144	82,316	7,560	2,412	5,505	719
1936	27,326	26,989	.79	21,361	131,318	66,882	7,352	1,498	5,164	3,291
1937	29,212	28,151	.76	21,312	134,747	59,125	5,578	2,163	4,929	2,054
1938	31,704	28,703	.57	16,387	170,971	77,287	8,716	3,477	6,569	4,229
1939	<i>24,981</i>									
1939	29,279	27,983	.74	20,806	93,061	61,917	4,931	2,602	4,138	11,021
1940	29,590	28,334	.74	21,017	23,565	2,447	787	597	681	15,427
1941	29,129	28,905	1.03	29,909	23,431	16,759	6,407	505	1,621	6,572
1942	30,244	29,836	1.55	46,241	10,087	5,701	1,700	352	561	4,592
1943	24,239	24,030	2.36	56,722	6,043	22,795	3,710	( <sup>6</sup> )	1,076	14,186
1944	<i>27,788</i>									
1944	31,337	30,881	2.18	67,332	11,782	12,288	5,954	3	1,186	11,727
1945	33,042	32,269	2.17	69,883	48,904	11,575	1,226	643	1,461	14,951
1946	34,447	34,447	2.44	84,047	107,676	16,805	1,211	3,418	3,067	8,945
1947 <sup>9</sup>	35,312	34,992	1.96	68,451						

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, 1929-43 and official records of the U. S. Department of Commerce.

<sup>3</sup> Net processed weight.

<sup>4</sup> Dried pears are 16 2/3 percent of total dried fruit for salad.

<sup>5</sup> Canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.2 pounds fresh; dried pears converted to terms of fresh on the basis that 1 pound dried equals about 5.5 pounds fresh; 50 pounds fresh equals 1 bushel, except in California, where 48 pounds equals 1 bushel.

<sup>6</sup> January-June 1930; not separately reported prior to this date.

<sup>7</sup> Prior to June 18, 1930, included with peaches, green, ripe or in brine.

<sup>8</sup> Less than 500 pounds.

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns of harvested production.



TABLE 256.—Pears: Production and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and division	Production <sup>1</sup>			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
Massachusetts.....	52	44	73	1.78	3.65	2.60
Connecticut.....	58	42	48	2.12	3.60	3.30
New York.....	975	693	960	1.54	2.70	2.00
Pennsylvania.....	430	345	262	1.24	2.25	2.15
North Atlantic.....	1,515	1,124	1,343	1.48	2.63	2.11
Ohio.....	386	135	229	1.17	2.40	2.10
Indiana.....	198	142	154	.78	1.40	1.25
Illinois.....	427	270	402	.83	1.40	1.25
Michigan.....	976	696	650	1.30	2.35	2.15
Missouri.....	260	148	216	1.00	1.75	1.50
Kansas.....	100	90	99	1.09	1.45	1.30
North Central.....	2,346	1,481	1,750	1.06	1.98	1.74
Virginia.....	328	353	280	.99	1.65	1.60
West Virginia.....	90	104	46	1.21	2.10	2.00
North Carolina.....	298	299	298	1.16	1.85	1.80
South Carolina.....	132	126	127	1.00	1.65	1.50
Georgia.....	380	396	385	.80	1.25	1.20
Florida.....	153	207	194	.72	1.10	1.00
South Atlantic.....	1,381	1,485	1,330	.914	1.54	1.45
Kentucky.....	188	115	134	1.00	1.75	1.65
Tennessee.....	230	120	183	1.06	1.75	1.55
Alabama.....	306	343	288	.90	1.65	1.50
Mississippi.....	354	347	350	.86	1.55	1.50
Arkansas.....	166	195	204	1.10	1.90	1.75
Louisiana.....	183	235	207	.86	1.50	1.45
Oklahoma.....	141	157	209	1.10	1.80	1.30
Texas.....	389	407	402	1.08	1.70	1.55
South Central.....	1,956	1,919	1,977	.970	1.67	1.52
Idaho.....	60	64	70	1.48	2.45	2.40
Colorado.....	192	87	232	1.46	2.50	2.00
Utah.....	151	115	205	1.70	2.80	2.50
Washington, all.....	6,780	8,890	8,305	1.37	2.33	2.08
Bartlett.....	4,905	6,750	6,156	1.20	2.05	1.90
Other.....	1,876	2,140	2,149	1.85	3.22	2.60
Oregon, all.....	4,074	6,120	5,724	1.98	3.42	2.52
Bartlett.....	1,700	2,335	1,975	1.64	2.91	2.80
Other.....	2,374	3,785	3,749	2.24	3.74	2.38
California, all.....	10,751	12,918	14,376	§ 1.13	§ 2.30	§ 1.77
Bartlett.....	9,421	11,168	12,334	§ 1.14	§ 2.31	§ 1.80
Other.....	1,329	1,750	2,042	§ 1.10	§ 2.26	§ 1.58
Western.....	22,008	28,194	28,912	1.36	2.56	2.02
Other States <sup>4</sup> .....	304	244				
United States.....	29,510	34,447	35,312	1.29	2.44	1.96

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1947, estimates of such quantities were as follows (1,000 bushels): New York, 19; Illinois, 30; Washington Bartlett, 185; Other, 86. Prices apply only to the harvested portion of the crop.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent returns per bushel for bulk fruit at the first delivery point.

<sup>4</sup> "Other States" totals include Maine, New Hampshire, Vermont, Rhode Island, New Jersey, Iowa, Nebraska, Delaware, Maryland, New Mexico, Arizona, and Nevada. Estimates of pear production for those States were discontinued beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 257.—Pears: Production in specified countries, averages 1930-34 and 1935-39, annual 1942-47<sup>1</sup>

Continent and country	Average		194 <sup>1</sup>	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
North America:								
Canada.....	458	569	753	637	894	600	951	966
Mexico.....	351	331	506	489	580	601	523	529
United States.....	25,813	28,693	30,244	24,239	31,956	33,042	34,447	35,312
Total.....	26,622	29,593	31,503	25,365	33,430	34,243	35,921	36,807
Europe:								
Austria.....	4,559	6,366	6,182	4,956	8,514	3,500	9,714	7,000
Belgium.....	<sup>3</sup> 1,828	2,026	4,241	2,540	2,822	4,409	1,323	6,614
Bulgaria.....	12	550	1,365	2,178	2,222	1,684	2,600	2,000
Czechoslovakia.....	5,117	4,076	2,645	1,567	2,727	1,150	3,635	3,620
Denmark.....	<sup>3</sup> 363	480	882	882	1,102	617	926	900
France:								
Dessert and cooking.....	1,320	1,760	2,273	3,506	4,762	3,454	5,928	6,306
Cider.....	15,367	21,776	11,632	6,013	39,479	3,486	11,105	10,321
Germany.....	21,142	15,984	16,010	23,263	22,701	15,432	9,726	17,412
Greece.....	653	878	963	944	1,161	1,045	1,129	1,174
Hungary.....	350	742	600	350	500	238	353	794
Italy.....	9,494	8,947	9,170	8,953	11,010	9,959	10,730	11,148
Luxemburg.....	151	100	157	158	585	126	270	277
Netherlands.....	<sup>3</sup> 1,417	1,570	3,307	1,984	2,205	3,439	1,102	6,305
Norway.....	<sup>3</sup> 116	174	144	151	131	148	298	121
Poland.....	2,028	3,600	3,640	5,278	5,172	3,517	2,216	3,967
Rumania.....	1,000	1,103	1,151	1,125	1,376	1,323	1,330	547
Spain.....	3,195	3,057	2,772	2,737	2,950	2,500	2,000	2,000
Sweden.....	636	1,063	485	705	1,102	750	1,323	1,102
Switzerland.....	7,152	7,037	13,669	14,109	16,314	8,818	14,109	16,755
United Kingdom:								
Dessert and cooking.....	717	782	1,989	1,514	1,053	1,474	1,080	1,729
Cider.....	130	237	394	390	515	251	430	358
Yugoslavia.....	2,869	2,685	2,920	2,835	3,500	3,412	3,175	3,000
Total.....	79,616	85,023	86,591	86,138	131,903	70,732	84,502	103,450
Total, excluding cider.....	64,119	63,010	74,565	79,735	91,909	66,995	72,967	92,771
Asia:								
Lebanon.....		(4)	38	42	252	309	331	353
Palestine.....	10	16	5	11	7	14	16	10
Syria.....		<sup>5</sup> 24	20	45	27	57	66	43
Turkey.....	<sup>3</sup> 3,086	3,315	2,840	3,144	2,584	3,197	4,087	2,407
Japan.....	6,918	7,366	6,724	6,638	4,766	2,835	3,942	3,700
Korea.....	585	775	1,195	1,179	847	504	700	657
Total.....	10,599	11,496	10,822	11,059	8,483	6,916	9,142	7,170
South America:								
Argentina.....	544	2,443	6,869	6,000	5,186	6,063	4,725	3,482
Chile.....	88	88	34	57	100	100	125	125
Total.....	632	2,531	6,903	6,057	5,286	6,163	4,850	3,607
Africa: Union of South Africa.....	450	680	672	553	760	400	735	720
Oceania:								
Australia.....	1,838	2,467	2,837	2,684	2,922	2,644	3,570	3,300
New Zealand.....	194	328	325	360	365	368	369	389
Total.....	2,032	2,795	3,162	3,044	3,287	3,012	3,939	3,689
World total.....	119,951	132,118	139,653	132,216	183,149	121,466	139,089	155,443
World total, excluding cider.....	104,454	110,105	127,627	125,813	143,155	117,729	127,554	144,764

<sup>1</sup> Harvests in Northern Hemisphere countries are for the year shown and are combined with the harvests in Southern Hemisphere countries of the following year. Estimates are in original units of approximately 1 bushel in the following countries: Australia, Canada, Chile, United States, New Zealand, and Union of South Africa. In other countries original estimates, mostly in metric tons, converted to bushels of 50 pounds.

<sup>2</sup> Preliminary.

<sup>3</sup> Less than 5 years.

<sup>4</sup> Included in Syria.

<sup>5</sup> Includes Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research and other information. Estimates of countries having boundary changes have been adjusted to postwar boundaries.

TABLE 258.—Pears: Utilization of production, United States, 1938-47 crops

Year	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh <sup>2</sup>	Processed		
						Canned	Dried	Other <sup>3</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	31,704	28,703	2,713	25,990	18,091	6,332	1,565	2
1939.....	29,279	27,983	2,833	25,150	15,265	7,848	2,035	2
1940.....	29,590	28,334	3,127	25,207	15,934	8,559	712	2
1941.....	29,129	28,905	3,014	25,891	14,517	10,505	840	29
1942.....	30,244	29,836	3,214	26,622	15,144	10,797	627	54
1943.....	24,239	24,030	1,657	22,373	12,537	8,558	947	331
1944.....	31,337	30,881	2,820	28,061	17,104	9,826	920	211
1945.....	33,042	32,269	2,504	29,765	18,652	9,539	1,239	335
1946.....	34,447	34,447	2,820	31,627	18,849	11,391	1,041	346
1947 <sup>4</sup> .....	35,312	34,992	2,718	32,274	17,921	13,493	602	258

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

<sup>2</sup> Includes small quantities canned in minor States.

<sup>3</sup> Mostly fruit crushed for spirits.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-37 in Agricultural Statistics, 1946, table 248.

TABLE 259.—Pears: Utilization of production, by States, 1946 and 1947 crops

## CROP OF 1946

State	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh <sup>2</sup>	Processed		
						Canned	Dried	Other <sup>3</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
New York.....	693	693	80	613	613	-----	-----	-----
Pennsylvania.....	345	345	150	195	195	-----	-----	-----
Michigan.....	696	696	120	576	351	225	-----	-----
Washington.....	8,890	8,890	298	8,592	4,763	3,526	195	108
Oregon.....	6,120	6,120	185	5,935	4,941	844	-----	150
California.....	12,918	12,918	54	12,864	5,247	6,746	846	25
Other States <sup>4</sup> .....	4,785	4,785	1,933	2,852	2,739	50	-----	63
United States.....	34,447	34,447	2,820	31,627	18,849	11,391	1,041	346

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New York.....	960	941	100	841	769	72	-----	-----
Pennsylvania.....	262	262	108	154	154	-----	-----	-----
Michigan.....	650	650	90	560	355	205	-----	-----
Washington.....	8,305	8,034	298	7,736	3,697	3,803	98	138
Oregon.....	5,724	5,724	180	5,544	4,505	934	-----	105
California.....	14,376	14,376	54	14,322	5,359	8,459	504	-----
Other States <sup>4</sup> .....	5,035	5,005	1,888	3,117	3,082	20	-----	15
United States.....	35,312	34,992	2,718	32,274	17,921	13,493	602	258

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.

<sup>2</sup> For some States includes small quantities canned.

<sup>3</sup> Mostly fruit crushed for spirits.

<sup>4</sup> For years prior to 1947: *Maine, New Hampshire, Vermont, Massachusetts Rhode Island, Connecticut, New Jersey, Ohio, Indiana, Illinois, Iowa, Missouri, Nebraska, Kansas, Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, Idaho, Colorado, New Mexico, Arizona, Utah, and Nevada.* Reports from States in italics were discontinued, beginning with the 1947 crop.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 260.—Pears: Utilization of production, by varieties, Washington, Oregon, and California, 1946 and 1947 crops

## CROP OF 1946

Variety and State	Total production	Production having value <sup>1</sup>	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned	Dried	Other <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
<b>Bartlett:</b>								
Washington .....	168,750	168,750	5,950	162,800	70,250	88,150	2,000	2,400
Oregon .....	58,380	58,380	3,630	54,750	32,850	21,000	-----	900
California .....	268,000	268,000	1,100	266,900	104,000	143,800	13,500	600
3 States.....	495,130	495,130	10,680	484,450	207,100	252,950	20,500	3,900
<b>Other than Bartlett:</b>								
Washington .....	53,500	53,500	1,500	52,000	48,825	-----	2,875	300
Oregon .....	94,620	94,620	1,000	93,620	90,670	100	-----	2,850
California .....	42,000	42,000	200	41,800	21,900	18,100	1,800	-----
3 States.....	190,120	190,120	2,700	187,420	161,395	18,200	4,675	3,150
<b>All varieties<sup>3</sup>:</b>								
Washington .....	222,250	222,250	7,450	214,800	119,075	88,150	4,875	2,700
Oregon .....	153,000	153,000	4,630	148,370	123,520	21,100	-----	3,750
California .....	310,000	310,000	1,300	308,700	125,900	161,900	20,300	600
3 States.....	685,250	685,250	13,380	671,870	368,495	271,150	25,175	7,050
<b>Hardy<sup>4</sup>: California.....</b>	17,000	17,000	100	16,900	2,200	14,400	300	-----

CROP OF 1947<sup>5</sup>

<b>Bartlett:</b>								
Washington .....	153,900	149,270	5,950	143,320	44,750	95,075	575	2,920
Oregon .....	49,380	49,380	3,500	45,880	22,080	23,300	-----	500
California .....	296,000	296,000	1,100	294,900	101,400	181,400	12,100	-----
3 States.....	499,280	494,650	10,550	484,100	168,230	299,775	12,675	3,420
<b>Other than Bartlett:</b>								
Washington .....	53,720	51,580	1,500	50,080	47,675	-----	1,875	530
Oregon .....	93,720	93,720	1,000	92,720	90,550	50	-----	2,120
California .....	49,000	49,000	200	48,800	27,200	21,600	-----	-----
3 States.....	196,440	194,300	2,700	191,600	165,425	21,650	1,875	2,650
<b>All varieties<sup>3</sup>:</b>								
Washington .....	207,620	200,850	7,450	193,400	92,425	95,075	2,450	3,450
Oregon .....	143,100	143,100	4,500	138,600	112,630	23,350	-----	2,620
California .....	345,000	345,000	1,300	343,700	128,600	203,000	12,100	-----
3 States.....	695,720	688,950	13,250	675,700	333,655	321,425	14,550	6,070
<b>Hardy<sup>4</sup>: California.....</b>	22,100	22,100	100	22,000	6,100	15,900	-----	-----

<sup>1</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.

<sup>2</sup> Mostly fruit crushed for spirits.

<sup>3</sup> These same totals, expressed in bushels, appear in table 259.

<sup>4</sup> Included in the "Other than Bartlett" and the "All varieties" totals.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 261.—Pears, western: Average auction price per box, all grades, New York, 1938-47

Season beginning July	Bartlett	Hardy	Flemish Beauty	Comice	Bosc	D'Anjou	Winter Nelis	Average <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	1.96	1.72	1.51	1.94	1.93	2.15	1.93	1.99
1939.....	2.51	1.61	1.47	2.03	1.94	2.08	2.24	2.21
1940.....	2.34	1.78	1.51	2.25	2.05	2.30	2.16	2.24
1941.....	2.83	2.88	2.02	2.54	2.31	2.63	2.19	2.61
1942.....	3.60	3.80	2.36	3.33	3.06	4.13	3.27	3.57
1943.....	5.17	5.03	4.47	5.94	5.48	6.72	4.55	5.45
1944.....	4.56	4.37	3.94	4.88	3.86	4.71	3.94	4.36
1945.....	4.10	3.87	4.62	5.08	4.78	5.29	4.90	4.49
1946.....	4.53	3.97	3.42	4.49	4.06	5.05	4.30	4.60
1947.....	4.52	4.32	3.51	2.96	3.18	3.14	3.26	3.66

<sup>1</sup> Includes all varieties of western pears sold on New York auction market.

Bureau of Agricultural Economics. Compiled from New York Daily Fruit Reporter, deciduous section. Prices are weighted by number of boxes sold each day. Data for earlier years are available in 1940 Agricultural Statistics, table 325.

TABLE 262.—Pears: Average wholesale price per bushel, New York and Chicago, 1938-47

Market and variety	Season beginning July—									
	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
New York:										
New York Bartlett.....	1.14	1.40	1.35	1.62	2.24	5.21	3.46	3.96	2.99	2.96
New York Clapp Favorite.....	1.11	1.47	1.39	1.78	2.17	4.92	3.28	3.86	3.12	2.57
New York Kieffer.....	.76	1.03	.95	1.32	1.80	3.82	2.10	2.63	1.88	1.77
New York Seckel.....	1.36	1.28	1.64	1.85	2.05	4.74	3.36	4.84	4.00	3.55
Chicago:										
Michigan Bartlett.....	1.28	1.58	1.59	1.71	2.46	4.65	3.48	2.81	3.08	3.53
Michigan Clapp Favorite.....	1.00	1.20	1.32	1.24	1.93	3.99	2.86	-----	2.78	2.91
Michigan Kieffer.....	.65	.67	.60	.93	1.32	2.66	1.67	-----	1.85	-----
Michigan Seckel.....	1.36	.99	1.16	.96	1.54	3.57	2.27	-----	2.33	-----

Bureau of Agricultural Economics. Compiled from daily market news reports of the Production and Marketing Administration. Prices are based on stock of good merchantable quality and condition, U. S. No. 1 when quoted, in less than carlot quantities. Average for season is simple average of monthly averages.

TABLE 263.—Pineapples: Production, season average price per box received by farmers, and value, Florida; foreign trade, and receipts from Territories, United States, 1929-47

Cal-endar year	Florida			Receipts from Hawaii			Receipts from Puerto Rico		Imports			Exports <sup>1</sup>		
	Pro-duction	Price	Farm value	Fresh	Can-ned	Juice	Fresh	Pre-pared or pre-served	Fresh, in crates	Fresh, in bulk	Pre-pared or pre-served	Fresh	Canned	Juice
1929.....	12	1.70	20	10 439,867	-----	-----	548	2,379	1,452	20	4,101	51	46,153	-----
1930.....	12	1.75	21	8 423,170	-----	-----	501	4,826	1,719	30	7,386	30	37,790	-----
1931.....	8	1.25	10	34 484,276	-----	-----	711	2,580	1,157	1,127	7,531	53	24,473	-----
1932.....	5	1.50	8	71 388,069	-----	-----	576	606	912	112	8,424	28	17,389	-----
1933.....	8	1.50	12	44 434,884	-----	18	410	185	634	395	6,549	15	20,424	-----
1934.....	9	2.25	20	30 540,936	-----	2,035	419	1,326	655	912	8,279	27	20,386	-----
1935.....	9	1.60	14	53 436,801	-----	103,529	412	2,180	568	1,262	12,944	22	21,982	-----
1936.....	25	2.50	62	73 571,947	-----	233,029	516	2,379	837	2,338	19,871	27	23,962	-----
1937.....	15	2.50	38	26 595,792	-----	233,850	504	4,382	1,134	3,322	45,298	31	29,428	-----
1938.....	12	2.25	27	64 373,536	-----	220,622	518	3,348	1,016	4,394	31,524	26	18,436	-----
1939.....	10	1.85	18	123 536,327	-----	311,677	441	3,371	1,086	3,938	74,991	29	23,350	<sup>4</sup> 765
1940.....	8	2.00	16	97 434,426	-----	351,847	425	3,066	915	4,365	84,996	25	6,669	879
1941.....	12	2.35	28	62 648,526	-----	387,964	462	2,704	822	3,505	55,889	21	1,956	325
1942.....	5	3.25	16	9 328,489	-----	217,991	183	3,950	363	3,944	25,962	8	800	341
1943.....	3	6.00	18	28 248,848	-----	211,930	0	7,950	602	7,543	34,778	5	2,922	42
1944.....	15	7.50	112	7 190,892	-----	103,506	( <sup>5</sup> )	9,236	881	6,378	18,851	4	21,831	66
1945.....	10	8.50	85	2 143,762	-----	163,997	42	14,439	1,108	11,350	24,292	4	15,974	96
1946.....	20	9.50	190	41 378,515	-----	304,804	345	14,372	1,316	15,507	39,329	13	19,137	676
1947 <sup>7</sup> .....	4	4.75	19	477 381,221	-----	332,626	207	23,693	923	9,489	54,588	91	21,603	864

<sup>1</sup> Mainly exports directly from Hawaii and Puerto Rico to countries other than the United States mainland.

<sup>2</sup> Boxes measuring approximately 12 by 10½ by 33 inches, inside dimensions, and holding about 70 pounds or 24 to 30 pineapples of medium size.

<sup>3</sup> In 1929 and 1930, crates of 1.96 cubic feet; beginning 1931, crates of 2.45 cubic feet, holding about 70 pounds or 24 to 30 pineapples of medium size.

<sup>4</sup> Not reported separately prior to 1939.

<sup>5</sup> Beginning 1941, converted from gallons at 8.8 pounds per gallon.

<sup>6</sup> Less than 500.

<sup>7</sup> Preliminary.

Bureau of Agricultural Economics. Data on foreign trade and receipts from noncontiguous Territories compiled from reports of Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 325.

TABLE 264.—Plums<sup>1</sup>: Production, season average price per ton received by farmers, value, and utilization of production, Michigan and California, 1929-47

Year	Total production	Production having value <sup>2</sup>	Price	Farm value	Farm disposition		Utilization of quantities sold			
					For farm household use	Sold	Fresh	Processed		
								Canned	Frozen	Crushed
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1929	44,400	44,400	107.00	4,736	1,120	43,280				
1930	89,500	89,500	48.30	4,321	1,730	87,770				
1931	72,100	65,100	40.00	2,602	1,780	63,320				
1932	74,300	64,300	29.90	1,924	1,580	62,720				
1933	61,500	54,500	36.80	2,003	1,150	53,350				
1934	67,500	67,500	43.70	2,951	1,100	66,400	64,250	2,150		
1935	53,700	53,700	51.70	2,777	1,280	52,420	49,945	2,475		
1936	67,900	67,900	41.00	2,781	800	67,100	65,610	1,490		
1937	71,100	71,100	56.60	4,026	1,000	70,100	66,840	3,260		
1938	65,500	65,500	37.60	2,462	600	64,900	63,790	1,110		
1939	76,600	69,600	44.90	3,123	820	68,780	67,060	1,720		
1940	74,000	69,000	51.90	3,584	770	68,230	67,030	1,200		
1941	76,900	71,900	61.00	4,386	750	71,150	69,030	2,120		
1942	76,200	70,200	91.80	6,441	720	69,480	68,200	1,280		
1943	78,500	78,500	169.00	13,254	600	77,900	70,550	1,050	1,100	5,200
1944	96,500	94,500	118.00	11,115	840	93,660	85,560	<sup>3</sup> 3,300	800	4,000
1945	72,600	71,600	138.00	9,884	600	71,000	64,750	<sup>3</sup> 2,150	1,000	3,100
1946	106,000	106,000	135.00	14,270	840	105,160	96,110	<sup>3</sup> 2,830	2,020	4,200
1947 <sup>4</sup>	78,000	78,000	154.00	12,038	780	77,220	74,060	<sup>3</sup> 2,350	95	715

<sup>1</sup> Includes some quantities of fresh prunes.

<sup>2</sup> Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.

<sup>3</sup> Includes the following quantities used for jam in California (tons): 1944—1,500; 1945—1,000; 1946—500; 1947—500.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 265.—Plums and prunes (fresh basis): Production and season average price per ton received by farmers, by States, average 1936-45, annual 1945-47

Crop and State	Production <sup>1</sup>				Price for crop of—			
	Average 1936-45	1945	1946	1947 <sup>2</sup>	Average 1936-45	1945	1946	1947 <sup>2</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Plums:								
Michigan	4,080	1,600	6,000	4,000	72.40	140.00	95.00	105.00
California	71,500	71,000	100,000	74,000	81.60	138.00	137.00	157.00
2 States	75,580	72,600	106,000	78,000	81.00	138.00	135.00	154.00
Prunes:								
Idaho	18,460	28,200	22,400	37,000	59.10	85.20	113.00	67.20
Washington, all	24,140	26,000	29,100	23,100	54.90	87.30	91.00	89.90
Eastern Washington	15,200	19,600	19,800	19,100				
Western Washington	8,940	6,400	9,300	4,000				
Oregon, all	87,980	<sup>3</sup> 92,100	101,100	34,400	41.60	77.10	77.00	78.40
Eastern Oregon	14,210	20,100	18,100	18,900				
Western Oregon	73,770	<sup>3</sup> 72,000	83,000	15,500				
California <sup>4</sup>	501,500	565,000	535,000	502,500	45.20	84.00	102.00	59.20
4 States	632,080	711,300	687,600	597,000	45.10	83.40	98.60	61.90

<sup>1</sup> For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1945, 1946, and 1947, estimates of such quantities were as follows (tons): 1945—Plums, California, 1,000; Prunes, western Oregon, 9,700; 1946—Prunes, western Oregon, 4,200; 1947—Prunes, western Oregon, 3,500. These quantities are not included in utilization figures. Prices apply only to the harvested portion of the crop.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes 2,000 tons harvested but not utilized because of abnormal cullage.

<sup>4</sup> The California prune crop (fresh basis) is derived by multiplying the estimate of dried prunes by 2½.

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TABLE 266.—Prunes: Utilization of production and season-average price per ton received by farmers, by States, average 1936-45, annual 1945-47

Use and State	Quantity				Price for crop of—			
	Average 1936-45	1945	1946	1947 <sup>1</sup>	Average 1936-45	1945	1946	1947 <sup>1</sup>
<b>DRY BASIS<sup>2</sup></b>								
Dried <sup>3</sup> :	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Washington.....	670	250	250	100	116.00	211.00	231.00	210.00
Oregon.....	10,750	7,700	8,200	300	119.00	213.00	260.00	125.00
California.....	192,000	225,800	213,800	200,800	113.00	210.00	256.00	148.00
3 States.....	203,420	233,750	222,250	201,200	113.00	210.00	256.00	148.00
<b>FRESH BASIS</b>								
Sold fresh <sup>3</sup> :								
Idaho.....	17,090	26,800	20,800	33,300	59.30	86.20	114.00	69.00
Washington.....	12,331	13,400	10,600	10,830	70.40	113.00	128.00	119.00
Oregon.....	17,620	23,600	18,100	13,000	66.30	114.00	104.00	104.00
3 States.....	47,041	63,800	49,500	57,130	64.60	102.00	113.00	86.50
Canned <sup>3,4</sup> :								
Idaho.....	80		800	2,900			82.50	46.40
Washington.....	5,617	7,700	14,890	9,570	29.90	56.00	67.60	59.10
Oregon.....	20,440	19,000	42,200	13,700	29.80	56.60	65.80	59.50
3 States.....	26,137	26,700	57,890	26,170	29.70	56.40	66.50	57.90
Frozen <sup>3</sup> :								
Washington.....	<sup>5</sup> 962	1,750	510	150	<sup>5</sup> 45.20	59.00	71.20	58.80
Oregon.....	<sup>5</sup> 5,740	8,300	5,700	1,100	<sup>5</sup> 44.70	57.70	65.80	58.20
2 States.....	<sup>5</sup> 6,702	10,050	6,210	1,250	<sup>5</sup> 44.80	57.90	66.20	58.20
Other processed <sup>3</sup> :								
Idaho.....	60	600			<sup>5</sup> 27.60	40.00		
Washington.....	259	500	290	200	23.40	23.00	25.20	59.00
Oregon.....	580	2,600	2,500	400	<sup>5</sup> 19.10	33.50	24.30	35.00
3 States.....	899	3,700	2,790	600	20.10	33.20	24.40	43.30
Farm household use:								
Idaho.....	880	800	800	800				
Washington.....	2,070	1,800	2,000	2,000				
Oregon.....	2,320	3,000	3,000	1,800				
California.....	<sup>6</sup> 200	<sup>6</sup> 200	<sup>6</sup> 200	<sup>6</sup> 200				
4 States.....	5,770	6,100	6,300	5,100				

<sup>1</sup> Preliminary.<sup>2</sup> The drying ratio in Washington and Oregon ranges from 3 to 4 pounds of fresh fruit to 1 pound dried; in California, the drying ratio is approximately 2½ pounds fresh to 1 pound dried.<sup>3</sup> Excludes quantities used on farms where grown.<sup>4</sup> Includes small quantities frozen in some years prior to 1941.<sup>5</sup> Short-time average.<sup>6</sup> Dry basis.

Bureau of Agricultural Economics.



TABLE 267.—Prunes: Production, season average price per ton received by farmers, and value, 4 States, and foreign trade, United States, 1929-47

Year	Total production (fresh basis)	Production having value (fresh basis) <sup>1</sup>	Price	Farm value	Domestic exports				Imports			
					Fresh prunes and plums	Canned prunes and plums	Dried prunes <sup>2</sup>	Dried in fruit salad <sup>4</sup>	Total, in terms of fresh <sup>5</sup>	Fresh prunes and plums	Other-wise prepared or preserved <sup>3</sup>	Dried prunes <sup>3</sup>
	Tons	Tons	Dollars	1,000 dollars	Tons	1,000 pounds	Tons	Tons	Tons	1,000 pounds	Tons	Tons
1929	521,500	518,500	48.80	25,292	2,013	71,494	6,286	175,807	6	101	23	163
1930	854,800	797,900	25.90	20,661	1,679	148,127	3,122	369,512	180	498	20	454
1931	684,700	679,700	20.20	13,697	1,041	121,968	3,346	306,022	204	611	18	594
1932	586,800	568,700	21.50	12,009	855	91,177	2,571	253,937	167	512	14	432
1933	587,200	578,900	31.60	18,281	836	76,358	2,450	192,519	180	608	21	504
1934	597,600	587,100	24.40	14,352	912	108,820	3,112	275,867	199	546	22	475
1935	852,400	842,200	22.80	19,171	6,212	81,976	1,932	211,110	196	546	22	475
1936	568,400	567,900	29.40	16,713	586	51,976	1,932	211,110	196	546	22	475
1937	714,500	709,500	22.80	16,203	1,293	107,396	2,790	273,206	288	898	23	522
1938	853,600	698,000	17.50	11,716	7,925	107,016	4,486	280,464	454	240	15	600
1939	673,200	651,300	23.90	15,985	7,986	59,523	3,356	163,097	711	815	12	760
1940	943,100	914,100	23.00	21,221	532	19,018	770	53,033	411	711	12	1,151
1941	852,700	832,900	30.50	16,856	13,254	101,050	651	256,551	692	815	10	1,151
1942	624,200	624,700	37.90	23,759	1,771	50,320	454	124,963	328	247	4	813
1943	624,800	619,370	57.00	35,359	4,106	61,357	( <sup>6</sup> )	153,117	47	( <sup>6</sup> )	5	346
1944	507,000	503,700	75.50	46,738	675	45,597	828	116,648	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	47
1945	711,300	699,600	87.00	43,810	1,827	77,207	3	200,155	3	24	( <sup>6</sup> )	14
1946	687,600	683,400	98.60	58,334	7,855	68,868	4,410	192,658	340	704	( <sup>6</sup> )	656
1947 <sup>10</sup>	597,000	593,500	61.90	36,736								

1 Idaho, Washington, Oregon, and California.  
 2 Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.  
 3 Net processed weight.  
 4 Dried prunes in salad estimated at 43 percent of total dried fruit for salad.  
 5 Exports of dried prunes converted to unprocessed dry weight by dividing by 1.025. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2½ pounds fresh. Canned prunes converted to terms of fresh fruit on the basis that 1 pound canned equals 0.729 pound fresh.

Otherwise prepared or preserved converted to terms of fresh fruit on the basis of 1 pound equals 0.899 pound fresh.  
 6 January to June; not segregated prior to this time.  
 7 July to December 1937; 1938 not available.  
 8 January to June 1939; 1938 not available.  
 9 Less than ½ ton.  
 10 Preliminary.

Bureau of Agricultural Economics. Foreign trade data compiled from records of Department of Commerce.

TABLE 268.—Prunes: Utilization of production, season average price per ton received by farmers, and value, 4 States, 1929-47

Year	For farm household use (fresh basis)			Fresh <sup>1</sup>			Canned <sup>2,3</sup>			Dried <sup>1,5</sup>			Frozen (fresh basis)		Other processed (fresh basis)	
	Tons	Quantity (fresh basis)	Price	Farm value	Quantity (fresh basis)	Price	Farm value	Quantity (dry basis)	Price	Farm value	Quantity (dry basis)	Price	Farm value	Tons	Tons	Tons
1929	5,450	67,700	38.60	2,610	14,000	23.80	361	139,700	138.00	22,112	138.00	18,360	-----	-----	-----	
1930	5,350	55,200	35.30	1,947	11,200	18.00	202	284,800	64.50	18,360	64.50	12,001	-----	-----	-----	
1931	5,200	41,400	34.90	1,445	11,600	11.80	137	242,100	49.00	12,001	49.00	10,764	-----	-----	-----	
1932	5,550	45,200	23.30	1,054	8,100	9.50	77	194,100	55.50	10,764	55.50	16,650	-----	-----	-----	
1933	5,150	35,800	35.20	1,259	12,700	16.70	212	205,100	81.20	16,650	81.20	12,372	-----	-----	-----	
1934	6,250	46,900	32.40	1,519	16,900	17.00	258	207,800	61.60	16,650	61.60	12,872	-----	-----	100	
1935	6,250	47,700	38.00	1,812	26,200	33.50	354	297,000	56.70	16,852	56.70	14,349	-----	-----	100	
1936	5,700	43,300	39.20	1,698	28,900	17.20	498	184,000	78.00	14,349	78.00	10,946	-----	-----	100	
1937	5,600	33,700	44.20	1,488	26,700	22.20	592	255,400	62.70	13,937	62.70	13,816	-----	-----	100	
1938	5,700	45,700	30.60	1,364	13,900	9.71	135	238,000	42.20	10,946	42.20	13,816	-----	-----	300	
1939	5,700	53,500	25.50	1,364	34,500	8.50	292	213,400	64.70	13,816	64.70	9,845	-----	-----	300	
1940	4,900	44,700	31.10	1,390	18,800	23.70	446	177,400	55.50	9,845	55.50	13,983	-----	-----	400	
1941	5,700	42,000	41.60	1,747	36,470	25.40	926	184,600	75.70	13,983	75.70	25,775	-----	-----	400	
1942	6,200	50,800	67.50	3,429	19,200	36.60	702	176,800	146.00	25,775	146.00	13,000	-----	-----	400	
1943	6,000	37,200	157.00	5,837	35,370	40.40	1,429	207,700	185.00	38,338	185.00	8,430	-----	-----	1,200	
1944	6,100	55,710	107.00	5,986	20,830	56.40	1,175	163,150	218.00	35,570	218.00	8,430	-----	-----	2,200	
1945	6,100	63,800	102.00	6,514	26,700	66.50	1,506	233,750	210.00	49,111	210.00	10,050	-----	-----	3,700	
1946	6,300	49,500	113.00	5,610	57,890	66.50	3,850	222,250	256.00	56,923	256.00	6,210	-----	-----	2,790	
1947 <sup>6</sup>	5,100	57,130	86.50	4,939	26,170	57.90	1,516	201,200	148.00	29,777	148.00	1,250	-----	-----	600	

<sup>1</sup> Idaho, Washington, and Oregon.<sup>2</sup> Includes small quantities frozen in some years prior to 1941.<sup>3</sup> Washington and Oregon.<sup>4</sup> The drying ratio in Washington and Oregon ranges from 3 to 4 pounds

of fresh fruit to 1 pound dried; in California, the drying ratio is approximately 2½ pounds fresh to 1 pound dried.

<sup>5</sup> Washington, Oregon, and California.<sup>6</sup> Preliminary.

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TABLE 269.—*Strawberries, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-47*<sup>1</sup>

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates</i> <sup>3</sup>	<i>1,000 crates</i> <sup>3</sup>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates</i> <sup>3</sup>	<i>1,000 crates</i> <sup>3</sup>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	206,890	62.3	12,886	3.12	40,202	1939	161,100	73.2	11,786	2.44	28,673
1930	178,470	51.2	9,143	3.98	36,421	1940	164,350	75.0	12,319	2.45	29,672
1931	156,190	73.8	11,527	3.17	36,502	1941	169,020	74.0	12,506	2.48	29,754
1932	190,990	68.5	13,088	1.93	24,645	1942	155,840	82.6	12,870	3.18	38,630
1933	197,490	61.7	12,187	1.74	20,719	1943	111,490	57.9	6,459	6.33	40,787
1934	197,260	53.0	10,460	2.04	21,154	1944	77,350	56.4	4,366	7.93	34,544
1935	159,000	68.0	10,811	2.33	25,211	1945	77,600	67.0	5,201	8.61	44,682
1936	155,320	58.0	9,005	2.79	25,140	1946	91,810	76.3	7,004	9.77	68,453
1937	143,550	75.3	10,809	2.96	32,047	1947 <sup>4</sup>	116,110	76.0	8,827	7.55	66,313
1938	155,310	64.2	9,973	2.72	26,760						

<sup>1</sup> Includes quantities used for processing.

<sup>2</sup> Includes the following quantities not harvested which are excluded in computing value: 305,000 crates in 1932, 280,000 in 1933, 80,000 in 1934, 134,000 in 1938, 28,000 in 1939, 199,000 in 1940, 510,000 in 1941, 740,000 in 1942, 20,000 in 1943, 9,000 in 1944, 10,000 in 1945, and 40,000 in 1947.

<sup>3</sup> Equivalent 24-quart crates (approximately 36 pounds). <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics 1942, table 330.

TABLE 270.—*Strawberries, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947*<sup>1</sup>

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates</i> <sup>3</sup>	<i>1,000 crates</i> <sup>3</sup>	<i>1,000 crates</i> <sup>3</sup>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida	5,800	2,800	4,750	398	224	309	6.56	10.55	11.55
Early spring:									
Louisiana	18,010	16,800	21,000	1,120	1,075	882	5.11	10.40	8.95
Alabama	2,870	1,700	2,100	220	153	136	3.76	7.85	5.10
Texas	1,540	600	650	91	36	39	5.04	10.90	9.65
California	1,560	660	1,000	244	89	225	5.86	12.00	10.80
Total or average	23,980	19,760	24,750	1,675	1,353	1,282	4.98	10.23	8.89
Midspring:									
Mississippi	250			16			3.31		
Georgia	230			13			2.69		
South Carolina	310	200	250	25	22	19	4.62	10.20	7.60
North Carolina	5,090	2,200	2,400	440	176	144	4.26	10.90	7.35
Tennessee	10,000	6,800	8,500	571	605	765	3.52	7.20	5.80
Arkansas	12,530	9,000	11,000	716	585	748	3.69	7.00	5.85
Oklahoma	750	700	850	46	70	68	3.88	7.00	6.85
Kansas	1,100	1,400	1,550	46	63	85	3.79	8.50	6.50
Missouri	4,920	3,500	3,800	232	210	228	4.28	10.50	7.30
Illinois	3,660	2,400	3,500	183	96	280	4.10	9.00	6.55
Kentucky	6,480	3,300	4,500	346	148	360	3.96	10.00	6.60
Virginia	6,200	3,500	4,100	394	210	205	3.73	9.70	5.30
Maryland	5,530	2,500	2,700	331	150	162	3.92	9.70	7.30
Delaware	2,660	900	950	138	50	43	4.02	9.15	7.45
California	2,530	1,050	1,800	379	273	531	5.12	11.10	9.50
Total or average	62,230	37,450	45,900	3,875	2,658	3,638	3.90	8.71	6.75
Late spring:									
New Jersey	3,460	2,600	3,100	190	169	140	4.31	11.20	7.80
Pennsylvania	3,220	2,000	2,200	225	120	143	4.72	10.80	8.00
Ohio	3,840	2,100	2,200	319	136	165	4.39	11.25	8.60
Indiana	2,340	1,300	1,600	164	78	128	3.99	11.40	7.55
New York	3,900	3,300	3,800	316	297	304	4.78	11.55	8.85
Michigan	8,230	5,600	7,000	708	448	770	3.92	10.30	7.35
Wisconsin	2,040	2,000	2,000	156	180	180	4.00	9.90	6.90
Iowa	950	1,050	1,050	52	63	52	4.29	8.85	8.20
Utah	1,100	650	760	65	39	72	5.32	14.40	12.00
Washington	5,750	3,700	6,000	529	481	720	3.48	10.20	8.00
Oregon	10,250	7,500	11,000	856	758	924	3.48	10.08	6.35
Total or average	45,090	31,800	40,710	3,581	2,769	3,598	3.96	10.51	7.54
United States	137,090	91,810	116,110	9,529	7,004	8,827	4.19	9.77	7.55

For footnotes see page 220.

TABLE 271.—*Fresh fruits: Annual carlot rail and boat shipments of specified commodities, United States, 1938-47*<sup>1</sup>

Year	Apples <sup>2</sup>		Citrus fruits				Grapes		Peaches	Pears <sup>3</sup>
	East- ern	West- ern	Oranges <sup>3</sup>	Grape- fruit	Lemons	Mixed- citrus	Califor- nia	Other		
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1938.....	19,042	37,435	118,833	32,372	18,078	12,727	31,246	458	23,005	18,156
1939.....	22,725	28,564	112,147	36,867	20,635	15,619	31,415	403	20,041	16,040
1940.....	15,212	29,509	105,090	24,823	19,875	10,086	34,252	249	20,308	15,487
1941.....	16,548	30,100	114,074	29,714	24,863	11,431	33,657	135	22,843	14,862
1942.....	20,446	29,324	119,988	32,179	19,096	18,088	30,792	385	22,716	15,130
1943.....	10,155	26,388	110,370	31,700	20,376	22,361	22,312	374	12,465	14,695
1944.....	16,568	38,207	126,035	34,454	18,674	26,473	23,841	409	26,744	17,111
1945.....	5,983	37,705	118,788	35,916	18,170	21,281	28,496	180	36,687	19,834
1946.....	15,114	39,189	104,111	38,254	17,454	23,724	29,858	199	31,811	20,406
1947.....	5,021	41,231	106,250	37,604	16,709	16,221	34,657	354	26,443	19,664

Year	Apricots	Black- berries, dewberries, logan- berries	Cherries	Cran- berries	Plums and fresh prunes	Straw- berries	Mixed deciduous fruits	Total fruits
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1938.....	1,107	93	1,843	1,396	5,728	6,513	2,238	330,270
1939.....	1,327	79	1,952	1,697	6,253	7,251	2,102	325,117
1940.....	1,124	53	1,812	1,256	6,998	5,070	1,823	293,127
1941.....	1,112	35	2,153	1,507	6,783	5,285	1,590	316,692
1942.....	1,408	6	2,244	1,499	7,225	6,628	1,631	328,775
1943.....	1,248	31	2,103	1,107	6,185	2,523	1,437	285,830
1944.....	2,446	45	2,152	643	8,954	1,351	1,606	345,713
1945.....	2,333	17	2,768	1,165	8,145	2,056	1,837	341,361
1946.....	2,403	-----	2,539	952	8,867	2,383	1,507	338,771
1947.....	2,272	5	2,270	928	8,781	3,096	1,308	322,814

<sup>1</sup> Figures for all commodities are on a calendar-year basis, except as indicated in footnote 2.

<sup>2</sup> Season beginning in June of year indicated and ending the following spring.

<sup>3</sup> Includes Satsumas and tangerines.

Production and Marketing Administration. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis. Shipments by truck are not included but have become increasingly important during this period. The data are not indicative of total production or total sales.

## FOOTNOTES FOR TABLE 270

<sup>1</sup> Includes quantities used for processing.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent 24-quart crates (approximately 36 pounds).

<sup>4</sup> Includes some quantities not harvested.

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TABLE 272.—Fruits for fresh consumption: Season average price per unit received by growers, selected States, average 1935-39, annual 1943-47

Crop and State	Unit	Average 1935-39	1943	1944	1945	1946	1947 <sup>1</sup>
Apricots:		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Utah	Ton	48.20	126.00	123.00	100.00	100.00	105.00
Washington	do	53.90	209.00	148.00	152.00	131.00	121.00
California	do	47.00	155.00	165.00	156.00	150.00	123.00
United States	do	48.70	170.00	156.00	149.00	140.00	121.00
Cherries, sweet:							
Washington	do	<sup>2</sup> 134.00	309.00	360.00	321.00	356.00	419.00
California	do	<sup>2</sup> 108.00	337.00	358.00	353.00	373.00	319.00
Figs, California <sup>3</sup>	do	52.70	180.00	183.00	180.00	211.00	168.00
Grapefruit:							
Florida, all	Box	<sup>2</sup> .83	1.79	2.17	1.96	1.42	.98
Seedless	do	<sup>2</sup> .91	1.84	2.28	2.03	1.39	-----
Other	do	<sup>2</sup> .76	1.67	2.03	1.84	1.48	-----
Texas, all	do	.75	1.70	1.71	1.64	1.36	.93
Arizona, all	do	<sup>2</sup> .52	2.47	2.91	2.18	1.66	1.76
California, all	do	<sup>2</sup> .87	2.81	2.82	2.35	2.17	2.14
Desert Valley	do	<sup>2</sup> .66	2.08	2.17	<sup>10</sup> 1.95	1.54	-----
Other	do	<sup>2</sup> 1.11	3.16	3.19	2.59	2.57	-----
California-Arizona Desert Valley	do	<sup>2</sup> .56	2.36	2.68	2.11	1.62	1.82
United States	do	<sup>2</sup> .67	1.93	2.09	1.86	1.47	1.09
Lemons, California	do	<sup>2</sup> 2.83	5.03	4.60	4.25	5.18	4.42
Limes, Florida	do	3.65	5.74	5.58	4.60	4.95	4.00
Oranges:							
Florida:							
Early and midseason	do	<sup>2</sup> .84	2.17	2.58	2.66	1.68	-----
Valencias	do	<sup>2</sup> 1.32	2.68	2.96	3.12	1.95	-----
All oranges, except tangerines	do	<sup>2</sup> 1.01	2.38	2.75	2.87	1.79	1.29
Tangerines	do	<sup>2</sup> 1.00	2.59	2.81	3.35	2.32	1.71
All oranges and tangerines	do	<sup>2</sup> 1.01	2.40	2.75	2.92	1.83	1.33
Texas, all	do	1.18	2.58	2.69	<sup>2</sup> .62	2.13	1.83
Arizona, all	do	<sup>2</sup> 1.35	3.74	3.93	4.43	4.06	2.86
California, all	do	<sup>2</sup> 1.49	3.94	3.74	<sup>10</sup> 4.25	2.86	2.55
Naval and miscellaneous	do	<sup>2</sup> 1.28	3.54	3.72	<sup>10</sup> 3.83	3.21	-----
Valencias	do	<sup>2</sup> 1.66	4.21	3.74	<sup>10</sup> 4.58	2.61	-----
California-Arizona combined, all	do	<sup>2</sup> 1.49	3.94	3.74	<sup>10</sup> 4.26	2.89	2.55
United States, except tangerines	do	<sup>2</sup> 1.29	3.24	3.35	3.57	2.40	2.03
United States, including tangerines	do	<sup>2</sup> 1.28	3.21	3.32	3.56	2.39	2.02
Grapes:							
California, all	Ton	21.10	109.00	113.00	71.10	109.00	50.90
Shipped fresh out of State	do	21.40	109.00	114.00	70.20	110.00	50.70
Intrastate, used fresh	do	18.60	110.00	110.00	77.80	105.00	52.20
Peaches:							
California, all	Bushel	.76	2.91	2.68	2.73	3.01	2.02
Clingstone	do	.72	2.52	2.23	2.86	2.62	1.91
Freestone	do	.78	2.95	2.74	2.72	3.03	2.03
United States <sup>4</sup>	do	1.07	3.59	2.74	2.55	2.50	1.94
Pears:							
Washington <sup>5</sup>	do	.50	2.73	2.01	2.23	2.16	1.78
Oregon <sup>5</sup>	do	.54	3.56	2.43	2.39	2.48	1.37
California <sup>6</sup>	do	.65	2.39	2.43	2.14	2.31	1.87
United States <sup>7</sup>	do	.63	2.66	2.13	2.14	2.25	1.70
Plums:							
Michigan	Ton	35.80	164.00	130.00	140.00	95.00	105.00
California	do	48.10	185.00	124.00	147.00	146.00	161.00
United States	do	47.10	184.00	124.00	147.00	144.00	159.00
Prunes:							
Idaho	do	35.90	149.00	96.00	86.20	114.00	69.00
Washington	do	38.40	170.00	114.00	113.00	128.00	119.00
Oregon	do	33.20	151.00	116.00	114.00	104.00	104.00
United States <sup>8</sup>	do	35.50	157.00	107.00	102.00	113.00	86.50
Small fruits in New Jersey:							
Blackberries and dewberries	Quart	.10	.27	.26	.32	.31	.22
Raspberries	do	.15	.42	.46	.51	.62	.43
Strawberries:							
Louisiana	24-quart	<sup>9</sup> 3.40	7.95	11.30	10.58	11.34	9.58
Washington	do	<sup>9</sup> 2.93	5.72	5.09	7.71	11.98	10.08
Oregon	do	<sup>9</sup> 3.02	5.68	7.76	7.64	11.11	7.06
United States <sup>11</sup>	do	<sup>9</sup> 2.77	6.44	8.00	8.96	9.82	7.72

<sup>1</sup> Preliminary. <sup>2</sup> 1938-39 average. <sup>3</sup> Bulk fruit at first delivery point.<sup>4</sup> California for fresh consumption; other States all methods of sale.<sup>5</sup> Packing-house-door returns per Northwest box.<sup>6</sup> Bulk fruit at first delivery point per equivalent 48-pound bushel.<sup>7</sup> Packing-house-door returns for fresh consumption in Pacific Coast States and average price per bushel for other States.<sup>8</sup> State prices weighted by sales to obtain United States average.<sup>9</sup> 1937-39 average.<sup>10</sup> Revised.<sup>11</sup> Strawberries for fresh use in Louisiana, Washington, and Oregon, and all strawberries in other States.

TABLE 273.—Fruits, canned: United States pack of selected items, 1929-47

Season	Apples and apple-sauce	Apricots	Berries	Cherries	Grapefruit segments <sup>1</sup>	Olives	Peaches	Pears	Pine-apple <sup>2</sup>	Plums and prunes	Salad and cocktail	Total of these items
	<i>Million cases<sup>3</sup></i>	<i>Million cases<sup>3</sup></i>	<i>Million cases<sup>3</sup></i>	<i>Million cases<sup>3</sup></i>	<i>Million cases<sup>3</sup></i>	<i>Million cases<sup>3</sup></i>	<i>Million cases<sup>3</sup></i>	<i>Million cases<sup>3</sup></i>	<i>Million cases<sup>3</sup></i>	<i>Million cases<sup>3</sup></i>	<i>Million cases<sup>3</sup></i>	<i>Million cases<sup>3</sup></i>
1929	4.0	4.0	2.1	1.9	1.2	0.6	8.3	4.6	9.9	1.2	1.7	39.5
1930	2.9	2.0	1.6	2.1	2.0	.6	13.1	4.3	9.7	.9	1.7	40.9
1931	2.7	2.0	2.2	1.6	.7	.4	8.3	3.7	11.0	.9	1.3	34.8
1932	3.1	1.8	1.0	1.8	1.5	.4	6.3	3.4	8.8	.6	1.4	30.1
1933	3.2	2.4	1.2	2.2	1.7	.5	10.4	4.6	9.8	1.0	2.3	39.3
1934	3.8	2.0	1.6	2.0	2.6	.6	8.8	5.7	12.2	1.3	2.6	43.2
1935	3.5	3.2	1.4	2.6	1.8	.5	11.5	4.5	10.0	1.9	3.0	43.9
1936	4.1	2.9	1.3	1.7	3.1	1.0	11.0	5.9	13.2	2.0	3.7	49.9
1937	4.7	5.6	1.5	2.6	2.6	.7	13.6	4.9	14.3	1.9	4.5	56.9
1938	2.7	1.7	1.2	2.1	3.0	.6	10.2	4.7	9.1	.8	2.8	38.9
1939	4.9	3.4	1.2	3.5	3.0	.9	12.0	4.6	13.7	2.3	5.3	54.8
1940	4.1	2.2	1.2	3.3	2.2	1.1	11.3	5.5	11.6	1.3	5.0	48.8
1941	7.2	4.3	1.7	2.6	3.3	1.2	15.1	6.6	15.7	2.3	5.7	65.3
1942	8.7	3.2	1.3	3.5	.7	.7	16.2	5.9	8.0	2.1	6.2	56.5
1943	4.0	1.2	1.0	1.3	.7	1.0	10.9	4.5	6.5	2.8	5.7	39.6
1944	6.1	7.8	.5	3.5	.3	.9	13.6	4.6	4.9	1.4	6.3	49.9
1945	2.7	4.3	.4	2.4	1.9	.6	14.8	4.7	4.1	1.9	6.6	41.4
1946 <sup>4</sup>	9.6	10.6	.9	4.3	3.9	1.9	20.3	5.5	9.4	3.6	8.0	78.0
1947 <sup>4</sup>	6.5	3.3	.9	2.4	2.4	1.0	19.0	5.7	10.2	2.5	10.2	64.1

<sup>1</sup> Including shipments from Puerto Rico.<sup>2</sup> Shipments from Hawaii to the United States, plus "prepared or preserved" shipments from Puerto Rico and imports; calendar year basis.<sup>3</sup> In terms of cases of 24 No. 2½ cans.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. In addition to the canned fruits shown in this table, considerable quantities of the following products also are canned: Cranberries, citrus salad, figs, fruit puree, grapes, and orange segments.

TABLE 274.—Fruits juices, canned: United States packs, and receipts from Puerto Rico and Hawaii, 1928-47

Mainly season beginning November	Citrus juices						Pine-apple juice from Hawaii	Grape juice	Prune juice	Apple juice	Fruit nectars	Total fruit juices
	Grapefruit		Orange	Blended orange and grapefruit	Lemon	Total citrus <sup>1</sup>						
	United States pack	Receipts from Puerto Rico										
	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>
1928	205	—	—	—	—	205	—	1,112	—	—	—	1,317
1929	192	—	38	—	—	230	—	1,105	—	—	—	1,336
1930	462	5	94	—	—	561	—	1,200	—	—	—	1,761
1931	341	1	36	—	—	378	—	1,296	—	—	—	1,674
1932	779	3	99	—	—	881	1	1,128	—	—	—	2,010
1933	844	4	303	—	—	1,151	—	961	—	—	—	2,112
1934	3,040	18	945	—	42	4,045	3,095	1,283	40	( <sup>3</sup> )	50	8,513
1935	2,602	50	1,036	85	141	3,914	7,753	1,604	70	( <sup>3</sup> )	140	13,481
1936	6,616	205	1,410	272	249	8,752	9,418	1,778	150	( <sup>3</sup> )	355	20,453
1937	8,811	104	1,040	547	212	10,714	7,277	1,950	950	( <sup>3</sup> )	1,585	22,476
1938	11,624	47	1,263	717	59	13,710	10,626	2,533	870	( <sup>3</sup> )	705	28,444
1939	10,933	36	3,595	1,433	128	16,125	10,392	3,115	230	435	540	30,837
1940	16,788	31	4,094	2,569	294	23,776	14,364	3,178	290	580	1,800	43,988
1941	12,783	52	4,777	2,342	228	20,182	7,935	2,610	505	2,030	1,695	34,957
1942	23,602	33	2,823	3,702	29	30,189	6,917	2,900	1,740	1,595	725	44,066
1943	26,092	17	8,446	6,283	111	40,949	4,375	1,595	2,320	1,595	290	51,125
1944	22,435	217	16,777	8,075	330	47,834	4,297	1,997	2,465	2,465	870	59,928
1945	26,062	128	22,182	13,461	627	62,460	10,529	2,552	4,030	1,305	290	82,646
1946	17,614	219	19,717	10,459	327	48,336	11,551	3,408	4,612	3,074	1,479	76,550
1947	17,450	206	27,308	12,369	492	57,825	—	2,610	4,596	1,343	1,500	—

<sup>1</sup> Excluding citrus concentrates, which amounted to large quantities particularly during World War II.<sup>2</sup> Equivalent cases of 24 no. 2 cans.<sup>3</sup> Included with fruit nectars.<sup>4</sup> Includes 1,450,000 cases of berry juices in 1945 and 4,060,000 cases in 1946.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners. Receipts from Puerto Rico and Hawaii from reports of the Department of Commerce. Figures in this table have been somewhat revised from those in earlier issues.

TABLE 275.—*Fruits, dried: Estimated commercial production in specified foreign countries, averages 1930-34 and 1935-39, annual 1942-47*

Commodity and country	Averages		1942	1943	1944	1945	1946 <sup>1</sup>	1947 <sup>1</sup>
	1930-34	1935-39						
Apples, dried:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Australia.....	400	500	1,300	1,900	2,300	2,000	2,000	1,500
Canada.....	1,600	3,000	7,300	6,500	6,700	800	2,200	3,000
Union of South Africa.....	100	100	300	200	200	100	100	100
Total.....	2,100	3,600	8,900	8,600	9,200	2,900	4,300	4,600
Apricots, dried:								
Australia.....	1,300	1,600	2,100	1,400	2,100	900	1,500	1,400
Spain.....	( <sup>2</sup> )	( <sup>2</sup> )	4,700	5,500	9,600	2,600	2,200	4,200
Syria.....	700	900	500	1,000	800	600	600	600
Union of South Africa.....	2,400	1,600	300	700	900	700	100	300
Total.....	<sup>3</sup> 4,400	<sup>3</sup> 4,100	7,600	8,600	13,400	4,800	4,400	6,500
Currants (dried grapes):								
Australia.....	19,700	21,600	23,700	23,800	28,400	19,700	15,700	12,700
Greece.....	127,700	135,700	54,300	44,900	55,000	41,800	62,200	84,500
Union of South Africa.....	200	700	1,200	900	1,100	1,100	1,200	1,000
Total.....	147,600	158,000	79,200	69,600	84,500	62,600	79,100	98,200
Figs, dried:								
Algeria.....	14,900	18,500	14,900	17,200	9,500	10,400	22,700	21,000
Argentina.....	( <sup>2</sup> )	400	800	400	200	300	1,300	1,000
Greece.....	20,300	22,800	20,900	16,500	13,200	19,800	21,400	27,800
Italy.....	64,500	87,200	85,400	66,000	70,400	59,200	60,500	65,600
Portugal.....	6,600	5,700	8,800	12,100	8,800	5,500	11,000	11,600
Turkey.....	30,400	37,000	19,800	27,500	35,200	28,600	38,500	39,600
Union of South Africa.....	200	100	200	200	200	200	200	200
Total.....	<sup>4</sup> 136,900	171,700	150,800	139,900	137,500	124,000	155,600	166,800
Peaches, dried:								
Argentina.....	400	1,200	400	4,300	2,500	3,200	4,300	3,000
Australia.....	500	500	400	400	500	600	500	400
Chile.....	1,700	1,700	1,300	900	1,000	800	800	900
Union of South Africa.....	1,000	700	700	1,100	1,300	900	800	900
Total.....	3,600	4,100	2,800	6,700	5,300	5,500	6,400	5,200
Pears, dried:								
Argentina.....	100	400	600	800	1,000	900	2,700	1,900
Australia.....	300	300	300	400	500	400	300	400
Union of South Africa.....	200	200	1,400	1,300	500	1,000	300	500
Total.....	600	900	2,300	2,500	2,300	2,300	3,300	2,800
Prunes dried:								
Argentina.....	1,400	1,500	1,700	4,200	2,900	4,300	4,800	4,400
Australia.....	2,200	2,900	3,500	3,100	3,600	1,900	3,000	2,200
Bulgaria.....	1,500	9,400	6,500	8,000	2,000	3,000	3,000	1,200
Chile.....	300	1,100	1,300	1,300	1,900	1,800	2,600	2,900
France.....	7,400	4,700	1,000	2,700	3,800	1,100	4,100	6,600
Rumania.....	10,200	12,000	7,900	6,000	1,100	7,700	5,000	2,000
Union of South Africa.....	1,300	1,100	1,900	900	1,600	1,300	1,600	1,900
Yugoslavia.....	20,100	30,500	6,600	17,600	1,100	11,000	7,200	9,000
Total.....	44,400	63,200	30,400	43,800	18,000	32,100	31,300	30,200
Raisins:								
Argentina.....	2,300	4,600	4,000	8,300	7,100	3,600	4,100	5,500
Australia.....	53,900	60,300	79,900	78,000	88,400	56,500	65,400	50,500
Chile.....	1,500	1,800	2,200	2,200	900	900	1,300	1,000
Greece.....	21,100	32,700	19,800	17,600	17,600	9,400	20,900	27,500
Iran.....	29,400	36,200	27,500	38,500	33,000	33,000	35,800	22,000
Spain.....	16,700	14,500	8,200	10,400	10,400	8,600	6,100	11,300
Turkey.....	51,000	73,800	55,000	77,000	49,500	71,500	60,500	33,000
Union of South Africa.....	6,900	10,000	12,500	12,500	12,200	11,500	12,300	9,500
Total.....	182,800	233,900	209,100	244,500	219,100	195,000	206,400	160,300

<sup>1</sup> Preliminary.<sup>2</sup> No data available.<sup>3</sup> Excluding Spain.<sup>4</sup> Excluding Argentina.

Office of Foreign Agricultural Relations. Compiled from trade reports and official sources. Data for 1930-41 in Agricultural Statistics, 1945, tables 247-254.

TABLE 276.—*Dried fruits: Production (dry basis), United States, 1929-47*

Year	Apples		Apricots	Berries	Dates	Figs	Peaches	Pears	Prunes <sup>1</sup>	Raisins	Other grapes	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1929	25,300	22,110	-----	870	17,000	15,500	4,200	159,700	215,000	9,500	469,180	
1930	26,300	23,820	-----	1,560	21,000	26,100	4,510	284,800	192,000	3,500	583,590	
1931	22,500	37,640	500	1,215	17,000	21,500	4,370	242,100	169,000	6,600	522,425	
1932	23,550	35,300	250	2,160	19,000	22,200	5,460	194,100	262,000	3,500	567,520	
1933	25,800	37,450	350	2,450	21,500	23,360	6,970	205,100	195,000	3,250	521,230	
1934	19,500	16,800	300	3,160	22,900	25,740	4,930	200,800	171,000	2,800	467,930	
1935	25,800	25,825	300	3,250	24,000	19,540	6,100	297,000	203,000	1,000	605,815	
1936	20,700	32,200	400	3,970	20,000	26,215	8,100	184,000	182,000	1,400	478,985	
1937	25,500	34,300	250	3,630	28,700	22,900	3,500	255,400	247,000	1,500	622,680	
1938	20,000	21,400	350	3,530	31,500	21,960	6,840	238,000	290,000	2,200	635,780	
1939	25,400	41,000	250	2,600	26,000	24,000	8,910	213,400	245,000	2,150	588,710	
1940	12,000	10,600	150	6,200	32,000	24,420	3,110	177,400	171,000	1,150	438,030	
1941	17,000	19,700	45	5,790	33,500	14,900	3,660	184,600	209,000	1,000	489,195	
1942	21,000	20,800	50	7,740	28,200	23,200	2,740	176,800	254,000	2,250	536,780	
1943	17,500	6,600	-----	10,770	36,700	16,400	4,150	207,700	401,000	450	701,270	
1944	17,000	25,800	-----	13,190	35,200	26,700	4,040	163,150	309,500	-----	594,580	
1945	14,500	7,800	-----	6,800	32,600	22,800	5,450	233,750	241,000	1,300	566,710	
1946 <sup>2</sup>	18,300	17,950	-----	16,720	36,600	25,000	4,580	222,250	193,000	100	534,500	
1947 <sup>2</sup>	16,000	13,960	-----	10,180	38,000	18,270	2,700	201,200	315,000	275	615,585	

<sup>1</sup> Figures on dried prunes are for harvested quantities only; additional quantities of California prunes, in some years, were not harvested.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Figures on dates, figs, prunes, and raisins compiled from official reports of the Bureau. Data on other fruits from trade sources or from Giannini Foundation of Agricultural Economics, University of California. All figures on a natural condition basis.

TABLE 277.—*Frozen fruits: United States pack, 1947<sup>1</sup>*

Commodity	Northeast <sup>2</sup>	South <sup>3</sup>	Midwest <sup>4</sup>	West <sup>5</sup>	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples	13,133	1,892	7,189	6,187	28,401
Applesauce	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	172
Apricots	-----	-----	-----	6,007	6,007
Cherries, red, tart	718,659	-----	39,759	8,584	67,002
Cherries, sweet	62	-----	155	140	357
Grapes and pulp	7,218	263	8,140	5,353	20,975
Peaches	1,954	8,462	810	15,808	27,034
Pineapple	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	<sup>8</sup> 5,909
Prunes	<sup>9</sup> 418	-----	-----	2,424	2,843
Berries:					
Blackberries	155	1,335	214	12,806	14,510
Blueberries	2,201	173	2,887	146	5,407
Boysenberries	27	1,233	-----	<sup>9</sup> 11,235	12,495
Currants	2,198	-----	558	1,334	4,089
Gooseberries	-----	-----	-----	<sup>9</sup> 93	93
Loganberries	-----	-----	-----	2,299	2,299
Raspberries, black	1,709	267	2,134	3,006	7,116
Raspberries, red	1,294	101	869	23,137	25,401
Strawberries	10,548	25,861	9,699	62,927	109,036
Youngberries	-----	-----	-----	1,161	1,161
Miscellaneous <sup>10</sup>	1,150	3,665	171	1,960	6,946
Total	60,536	45,445	73,200	168,071	347,251

<sup>1</sup> The figures in this tabulation are for the commercial pack only and do not include quantities of fruit frozen by industrial users or other types of processors, who use all or the largest portion of their frozen pack as raw material for the manufacture of jams, jellies, and other fruit spreads, ice cream, bakery goods, or alcoholic beverages. The tabulation also does not include custom freezing for industrial users nor quantities produced in frozen-food locker plants.

<sup>2</sup> Maine, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.

<sup>3</sup> Missouri, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, and Texas.

<sup>4</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, and Nebraska.

<sup>5</sup> Montana, Idaho, Colorado, Arizona, Utah, Washington, Oregon, and California.

<sup>6</sup> Data by regions not available for publication.

<sup>7</sup> Includes some packed in the South.

<sup>8</sup> Data by regions not available; includes Hawaiian pack.

<sup>9</sup> Includes some packed in the Midwest.

<sup>10</sup> Bananas, cantaloups, citrus fruit, coconuts, cranberries, dewberries, elderberries, feijoa, figs, fruit juices, guavas, huckleberries, melon balls, mixed fruits, nectarines, oranges, orange puree, pears, persimmons, plums, quinces and tangerines.

National Association of Frozen Food Packers, annual report published in April 1948.



TABLE 278.—Frozen fruit: United States commercial pack, by varieties, 1937-46, and United States totals, 1925-46

Commodity	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>
Apples and applesauce.....	2,302	1,070	2,127	4,008	10,000	15,100	34,000	51,600	92,985	78,220
Apricots.....	194	193	304	175	700	5,300	10,000	41,000	65,158	43,571
Cherries, red, tart.....	33,264	29,017	39,733	39,963	43,741	46,000	24,000	55,100	16,144	88,061
Grapes.....	3,590	7,076	8,787	10,011	16,800	20,000	17,500	11,400	10,185	12,445
Peaches.....	964	4,407	6,812	5,377	6,600	14,300	17,000	45,600	103,634	65,140
Prunes and plums.....	455	195	( <sup>1</sup> )	( <sup>1</sup> )	400	3,000	22,000	19,800	18,368	14,106
Fruit juices.....	690	3,285	1,545	2,297	6,689	13,400	17,100	9,400	24,338	62,930
Miscellaneous fruits.....	3,378	7,404	3,051	5,056	79,537	64,000	30,000	34,800	36,917	78,059
Strawberries.....	43,507	55,533	50,779	62,316	22,254	20,500	20,000	18,700	16,731	29,421
Raspberries.....	11,535	10,530	10,362	16,481	9,031	9,600	10,000	16,200	21,503	19,750
Blackberries.....	6,781	3,990	7,415	9,646	2,187	1,700	4,500	5,000	7,829	10,240
Blueberries <sup>2</sup> .....	337	1,681	1,106	2,563	3,465					3,017
Loganberries.....	2,370	1,610	1,438	2,467						
Elderberries.....								10,200	12,157	
Boysenberries.....										10,905
Youngberries.....	573	1,407	5,899	11,688	4,364	7,500	8,000			1,766
Gooseberries.....								1,600	1,558	1,430
Currants.....	1,403	1,787	1,260	396	2,035			4,800	2,668	4,219
Total.....	111,343	129,185	140,618	172,444	207,803	220,400	214,100	341,000	430,177	523,281

UNITED STATES TOTALS, 1925-36

Item	1925	1926	1927	1928	1929	1930
All frozen fruits.....	<i>1,000 lb.</i> 12,600	<i>1,000 lb.</i> 41,853	<i>1,000 lb.</i> 37,326	<i>1,000 lb.</i> 74,718	<i>1,000 lb.</i> 56,806	<i>1,000 lb.</i> 84,798
Item	1931	1932	1933	1934	1935	1936
All frozen fruits.....	<i>1,000 lb.</i> 68,632	<i>1,000 lb.</i> 60,222	<i>1,000 lb.</i> 49,842	<i>1,000 lb.</i> 65,112	<i>1,000 lb.</i> 77,229	<i>1,000 lb.</i> 70,106

<sup>1</sup>Included under "Miscellaneous fruits."

<sup>2</sup>Includes huckleberries.

Bureau of Agricultural Economics. Data for 1925-41 from "Western Canner and Packer" (Yearbook for 1943); 1942-44, Inter-Agency Supply Estimates Committee, U. S. Department of Agriculture; 1945 and 1946, National Association of Frozen Food Packers.

TABLE 279.—Fruits: Total and per capita civilian consumption, United States, 1929-47 1

Year	Total fresh fruits		Fresh apples 2		Fresh citrus fruits		Total other fresh fruits 3 excluding citrus and apples		Canned fruits 4		Canned juices 5		Dried fruits 6		Frozen fruits 7	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.
1929	17,595	143.5	4,837	39.4	4,854	39.6	7,904	64.5	1,502	12.2	3	3	646	5.2	71	0.6
1930	16,614	134.2	5,180	41.8	3,848	31.1	7,586	61.3	1,594	12.8	40	3	668	5.4	65	0.6
1931	20,381	163.3	6,409	51.4	3,250	26.0	8,722	69.9	1,349	10.8	53	4	587	4.7	51	4
1932	16,132	128.4	4,888	38.9	4,583	36.5	6,661	53.0	1,282	10.2	54	4	681	5.4	54	4
1933	15,966	126.3	5,029	39.8	4,941	39.1	5,996	47.5	1,477	11.6	57	4	658	5.2	64	5
1934	15,031	118.3	2,193	25.1	5,024	39.5	6,814	53.7	1,585	12.4	75	6	645	5.1	62	5
1935	17,376	135.8	4,189	33.5	5,679	44.4	7,508	58.7	1,712	13.3	263	2.0	757	5.9	64	5
1936	16,445	127.6	3,534	27.4	5,915	45.9	6,996	54.3	1,144	16.6	308	2.4	699	5.4	87	7
1937	18,253	140.8	4,223	33.3	5,730	44.2	8,290	63.3	1,743	13.4	379	4.5	732	5.8	66	5
1938	17,416	133.3	3,658	28.0	6,372	48.8	7,826	56.5	2,002	15.3	622	4.8	722	5.5	132	1.0
1939	19,875	150.9	4,021	30.5	8,030	61.0	7,829	59.4	2,099	15.9	800	6.1	836	6.3	147	1.1
1940	18,841	141.8	3,918	29.5	7,495	56.4	7,428	56.9	2,516	18.8	913	6.9	848	6.4	169	1.3
1941	19,618	148.0	4,132	31.2	7,570	57.1	7,916	58.7	2,383	17.9	1,108	8.4	842	4.1	177	1.3
1942	17,197	130.0	3,521	26.6	7,951	57.0	6,135	46.4	2,140	16.4	1,082	8.2	571	4.4	184	1.4
1943	13,552	103.1	3,161	24.4	7,727	59.6	4,674	36.1	9,153	91.9	890	6.9	767	5.9	145	1.1
1944	18,596	143.6	3,278	25.4	8,767	67.8	6,511	50.4	9,111	98.6	1,273	10.3	791	6.1	259	2.0
1945	18,044	143.6	2,973	22.9	8,478	65.3	7,193	55.4	9,212	91.6	1,335	10.3	642	5.9	298	2.3
1946	19,558	140.4	3,217	23.1	8,234	58.2	8,234	58.5	9,025	92.1	2,298	16.5	642	4.5	430	3.1
1947	20,889	145.6	3,617	25.2	8,867	61.9	8,385	58.5	9,276	91.8	2,157	15.1	605	4.2	458	3.2

<sup>1</sup> Fresh fruits, canned juices, and frozen fruits are on a calendar-year basis. Canned and dried fruits are on a pack-year basis. In the years 1941-47 fresh citrus fruits are on a crop-year basis, beginning in November of the preceding year.

<sup>2</sup> Excludes noncommercial apples beginning with 1934.

<sup>3</sup> Apricots, avocados, bananas, cherries (including an estimate for noncommercial), cranberries, figs, grapes, peaches, pears, pineapples, plums and prunes (including an estimate for noncommercial), and strawberries (including an estimate for noncommercial).

<sup>4</sup> Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs, fruit cocktail and salad, grapefruit segments, olives (including brined), pineapple, plums, prunes, peaches, and pears.

<sup>5</sup> Grapefruit, orange, blended citrus, and lemon juices (single-strength juices 1929-47; concentrated juices converted to single-strength basis 1941-47), pineapple, apple, grape, and prune juices and fruit nektars.

<sup>6</sup> Dried packs of apples, apricots, Zante currants, dates, figs, peaches, pears, prunes, and raisins except for unmerchantable figs and substandard prunes. Data are in terms of processed dried weight.

<sup>7</sup> Principally cherries, apples, peaches, apricots, strawberries, and other berries.

<sup>8</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for underenumeration of children under 5 years of age; and for members of the armed forces not eating out of civilian food supplies.

<sup>9</sup> Corresponding data on a calendar-year basis are as follows: 1943-1,667 and 2,621; 1944-1,206 and 9.3; 1945-1,923 and 14.8; 1946-2,970 and 21.3; 1947-2,621 and 18.3.

<sup>10</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1944, table 240.

TABLE 280.—Fruits for processing: Season average price per unit received by growers, selected States, average 1935-39, annual 1943-47

Crop and State	Unit	Average 1935-39	1943	1944	1945	1946	1947 <sup>1</sup>
Apples for canning:		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York	Ton	13.30	62.40	64.20	( <sup>2</sup> )	78.00	51.60
Pennsylvania, Maryland, Virginia	do	12.10	55.40	58.10	122.00	79.60	65.20
Washington, Oregon	do	3.18	55.00	57.80	61.40	53.60	24.20
United States	do	9.65	57.50	59.60	107.00	76.60	56.50
Apples for drying:							
New York	do	7.32	57.20	59.20	( <sup>3</sup> )	37.00	17.80
Virginia	do	<sup>4</sup> 6.30	45.80	30.80	( <sup>2</sup> )	33.30	( <sup>3</sup> )
West Virginia	do	<sup>5</sup> 7.63	42.90	40.00	( <sup>2</sup> )	57.10	35.40
Washington	do	3.22	43.10	40.40	54.20	29.00	11.30
California	do	7.50	56.30	54.20	62.50	43.80	11.70
Apricots for canning:							
Utah	do	25.00	96.00	88.00	80.00	80.00	65.00
Washington	do	30.20	150.00	89.50	105.00	84.00	69.00
California	do	35.20	102.00	92.00	110.00	97.00	73.00
United States	do	34.80	102.00	92.00	109.00	96.50	72.60
Apricots, dried: California	do	209.00	660.00	610.00	632.00	600.00	480.00
Cherries, sweet, for processing:							
Michigan	do	<sup>4</sup> 96.50	180.00	204.00	352.00	256.00	206.00
Washington	do	<sup>6</sup> 58.20	185.00	229.00	246.00	253.00	182.00
Oregon	do	<sup>6</sup> 60.50	187.00	245.00	243.00	258.00	195.00
California	do	109.00	215.00	254.00	267.00	291.00	236.00
Figs for canning:							
California	do	63.20	125.00	125.00	125.00	129.00	105.00
Texas	do	56.80	158.90	168.00	152.00	174.00	174.00
United States	do	62.00	126.00	127.00	128.00	133.00	109.00
Grapefruit:							
Florida	Box	<sup>6</sup> .20	1.33	1.72	1.20	.46	.18
Texas	do	.23	1.37	1.25	1.05	.50	.25
Arizona	do	<sup>6</sup> 1.13	1.12	.99	.81	.15	.23
California	do	<sup>6</sup> .22	.73	.72	<sup>11</sup> .55	.12	.12
United States	do	<sup>6</sup> 1.18	1.32	1.49	1.12	.45	.20
Grapes for processing:							
New York (Concords only)	Ton	<sup>7</sup> 37.00	85.00	86.00	130.00	150.00	115.00
Pennsylvania (Concords only)	do	<sup>6</sup> 40.00	85.00	95.00	138.00	140.00	102.00
Michigan	do	42.00	77.20	88.80	136.00	139.00	83.00
Washington	do	<sup>8</sup> 32.00	47.60	58.50	61.80	81.60	65.30
California (all varieties):							
Canned	do	21.20	49.00	55.00	62.00	75.00	57.00
Dried	do	55.70	164.00	200.00	203.00	312.00	128.00
For wine and brandy	do	13.90	77.60	100.00	55.10	90.70	29.80
Lemons: California	Box	<sup>6</sup> .66	1.35	1.20	.75	.74	.75
Oranges (including tangerines):							
Florida	do	<sup>6</sup> .19	1.93	2.49	2.68	.73	.76
Texas	do	<sup>9</sup> .60			2.05	.85	.90
Arizona	do	<sup>8</sup> 1.20	1.06	1.15	1.43	.94	.61
California	do	<sup>6</sup> .25	2.02	1.62	2.03	.72	.55
United States	do	<sup>6</sup> .18	1.95	2.14	<sup>11</sup> 2.50	.73	.71
Peaches for canning:							
California	Ton	25.50	64.60	62.10	63.30	63.30	49.00
Clingstone	do	25.70	65.00	62.30	63.50	63.50	49.70
Freestone	do	21.40	55.00	55.00	57.00	59.00	40.00
Peaches, dried: California	do	125.00	434.00	451.00	458.00	333.00	195.00
Clingstone	do	107.00	335.00	340.00	285.00	282.00	156.00
Freestone	do	130.00	440.00	458.00	476.00	334.00	195.00
Pears, for canning:							
Bartlett:							
Washington	do	19.80	80.60	72.00	72.00	77.50	74.00
Oregon	do	23.70	87.20	84.00	80.00	94.00	82.40
California	do	23.40	64.00	80.00	72.00	100.00	73.00
Pacific Coast	do	21.60	70.00	77.20	72.60	91.70	74.00
Pears, dried:							
California, all	do	118.00	330.00	340.00	350.00	365.00	275.00
Bartlett	do	118.00	330.00	340.00	358.00	374.00	275.00
Other	do	<sup>10</sup> 99.00	300.00		242.00	267.00	
Plums, for canning: California	do	25.80	60.00	58.00	55.00	70.00	57.00
Strawberries:							
Washington	Pound	.057	.122	.158	.173	.267	.215
Oregon	do	.059	.130	.173	.173	.275	.172
Louisiana	do	.044	.147	.221	.262	.267	.216
United States	do	.057	.132	.182	.194	.271	.195

<sup>1</sup> Preliminary.<sup>2</sup> Quantity negligible.<sup>3</sup> None dried.<sup>4</sup> 1936-39 average.<sup>5</sup> Average for 1936, 1937, and 1939.

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<sup>6</sup> 1938-39 average.<sup>7</sup> 1937-39 average.<sup>8</sup> 1939 only.<sup>9</sup> Average for 1937 and 1939.<sup>10</sup> 1936 only.<sup>11</sup> Revised.

## Vegetables and Melons

This section includes statistics on potatoes, sweetpotatoes, and all crops commonly called commercial truck crops for both fresh market and processing.

Commercial truck crops, which are harvested in some sections of the country every month of the year, are for the most part extremely perishable and must be marketed quickly to avoid waste. Production estimates are made at frequent intervals to be of most use in providing a basis for orderly marketing. Such estimates also indicate aggregate supplies, as well as quantities of each crop that will be available during a given period.

The seasonal groupings of truck crops for fresh market, adopted in 1943, correspond to the four seasons of the year. The name of each group, shown below, indicates the period when heaviest supplies of each crop are usually available, so that it is relatively easy to interpret the reports in terms of total production of all commercial truck crops for a given period.

### Seasonal Groupings on Basis of the Most Active Harvesting Period

Winter: January, February, and March.	Summer: July, August, and September.
Spring: April, May, and June.	Fall: October, November, and December.

### Subgroups for Most Crops

Early winter: January and first half of February.	Early summer: July and first half of August.
Late winter: Second half of February and all of March.	Late summer: Second half of August and all of September.
Early spring: April and first half of May.	Early fall: October and first half of November.
Late spring: Second half of May and all of June.	Late fall: Second half of November and all of December.

### Subgroups for Short-Season Crops

Early spring: April.	Early summer: July.
Midspring: May.	Midsummer: August.
Late spring: June.	Late summer: September.

The beginning and the ending of these seasons are not fixed dates but approximations, as there is necessarily some overlapping of the seasons outlined above.

The estimates of commercial truck crops for fresh market include only acreages of specified crops in important areas, which are generally recognized as growing these crops in substantial quantities for shipment to market. They do not include farm gardens or strictly local market areas. The acreages for fresh market are those for harvest. Acreages only partly harvested or not harvested at all because of low prices or other economic factors are included, but acreages lost or abandoned from natural causes are not included.

The estimates of truck crops for commercial processing include acreages grown under contract, acreages grown by processors, and equivalent acreages for tonnage procured through open-market purchases. Such equivalent acreages are not duplicated in the fresh-market estimates. The estimates of truck crops for processing include quantities procured for commercial canning, freezing, and other processing, exclusive of dehydration. Quantities procured for dehydration are included in the estimates of truck crops for fresh market.

TABLE 281.—*Truck crops, commercial: Acreage, production, and value, United States, 1929-47*

Year	Acreage			Production			Farm value		
	For fresh market <sup>1</sup>	For processing <sup>2</sup>	Total	For fresh market <sup>1</sup>	For processing <sup>2</sup>	Total	For fresh market <sup>1</sup>	For processing <sup>2</sup>	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929.....	1,381,710	1,181,410	2,563,120	6,057,100	3,033,500	9,090,600	242,470	64,599	307,069
1930.....	1,533,230	1,374,740	2,907,970	6,155,100	3,332,000	9,487,100	222,343	70,856	293,199
1931.....	1,571,900	1,117,390	2,689,290	5,945,100	2,380,100	8,325,200	188,632	42,145	230,777
1932.....	1,630,740	779,370	2,410,110	6,003,900	2,043,100	8,047,000	152,035	26,549	178,584
1933.....	1,536,590	894,260	2,430,850	5,333,000	1,982,800	7,315,800	155,521	30,117	185,638
1934.....	1,728,280	1,153,050	2,881,330	6,176,000	2,636,000	8,812,000	175,758	41,467	217,225
1935.....	1,695,850	1,454,350	3,150,200	5,986,300	3,352,300	9,338,600	188,110	55,509	243,619
1936.....	1,793,260	1,364,940	3,158,200	6,203,000	3,323,100	9,526,100	198,875	56,960	255,835
1937.....	1,710,340	1,562,470	3,272,810	6,294,900	3,835,600	10,130,500	212,855	70,388	283,243
1938.....	1,751,880	1,393,840	3,145,720	6,718,400	3,623,300	10,341,700	187,600	64,431	252,031
1939.....	1,769,940	1,153,430	2,923,370	6,723,300	3,410,000	10,133,300	212,971	55,665	268,636
1940.....	1,710,650	1,393,990	3,104,640	6,821,600	3,992,500	10,814,100	222,328	68,377	290,705
1941.....	1,681,750	1,664,370	3,346,120	6,537,300	5,135,900	11,673,200	277,547	98,588	376,135
1942.....	1,649,350	1,996,740	3,646,090	6,993,600	5,860,200	12,853,800	365,753	153,132	518,885
1943.....	1,572,690	1,958,020	3,530,710	6,674,600	5,108,200	11,782,800	555,667	180,443	736,110
1944.....	1,878,630	1,984,290	3,862,920	7,984,600	5,544,800	13,529,400	528,260	198,948	727,208
1945.....	1,892,510	1,943,360	3,835,870	8,345,000	5,388,200	13,733,200	622,852	202,521	825,373
1946.....	2,046,540	2,062,090	4,108,630	9,064,900	6,304,100	15,369,000	577,266	249,489	826,755
1947 <sup>3</sup> .....	1,843,960	1,850,250	3,694,210	7,978,100	5,470,900	13,449,000	606,860	209,125	815,985

<sup>1</sup> Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes and watermelons. Shallots not included prior to 1937; sweet corn in two States 1929-38, three States 1939-46.

<sup>2</sup> Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes. Production and value of lima beans and green peas are on a shelled basis.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 acreage and value in Agricultural Statistics, 1942, table 415.

TABLE 282.—*Truck crops, commercial: Acreage, by States, average 1936-45, annual 1946 and 1947*

State and division	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Maine.....				18,780	22,610	20,310	18,780	22,610	20,310
New Hampshire.....				480	410	390	480	410	390
Vermont.....				1,220	960	700	1,220	960	700
Massachusetts.....	3,880	2,950	2,600	750	950	840	4,630	3,900	3,440
Connecticut.....				340	260	290	340	260	290
New York.....	118,250	135,730	127,350	104,920	131,700	90,950	223,170	267,430	218,300
New Jersey.....	96,630	93,600	96,400	60,840	73,460	67,120	157,470	167,060	163,520
Pennsylvania.....	32,680	37,670	36,590	51,980	72,360	60,810	84,660	110,030	97,400
North Atlantic.....	251,430	269,950	262,940	239,310	302,710	241,410	490,740	572,660	504,350
Ohio.....	16,310	13,060	10,720	61,430	70,200	61,730	77,740	83,260	72,450
Indiana.....	22,860	24,090	24,200	157,640	153,240	153,000	180,500	177,330	177,200
Illinois.....	26,360	26,280	24,050	101,280	118,880	109,420	127,640	145,160	133,470
Michigan.....	36,960	41,400	38,400	59,730	83,640	67,530	96,690	125,040	105,930
Wisconsin.....	10,910	9,400	10,900	204,600	294,120	278,600	215,510	303,520	289,500
Minnesota.....	6,000	6,470	5,730	100,930	129,680	125,040	106,930	136,150	130,770
Iowa.....	4,910	3,620	3,470	51,250	52,980	42,120	56,160	56,600	45,590
Missouri.....	19,730	15,700	14,100	14,630	12,100	9,300	34,360	27,800	23,400
South Dakota.....				520	740	1,120	520	740	1,120
Nebraska.....				3,390	3,600	2,680	3,390	3,600	2,680
Kansas.....	900	1,790	860	920	1,460	1,350	1,820	3,250	2,210
North Central.....	144,950	141,810	132,430	756,320	920,640	851,890	901,270	1,062,450	984,320
Delaware.....	8,970	8,150	7,470	31,740	37,750	33,750	40,710	45,900	41,220
Maryland.....	32,040	33,120	32,600	129,500	115,980	108,200	161,540	149,100	140,800
Virginia.....	30,110	18,630	19,320	44,620	44,440	37,770	74,730	63,070	57,090
West Virginia.....				960	700	400	960	700	400
North Carolina.....	46,650	48,160	49,130	7,720	8,600	8,800	54,370	56,760	57,930
South Carolina.....	64,130	69,750	63,750	4,780	9,400	6,400	68,910	79,150	70,150
Georgia.....	82,660	84,950	82,250	17,950	23,700	23,000	100,610	108,650	105,250
Florida.....	167,530	221,650	195,650	10,810	13,800	10,050	178,340	235,450	205,700
South Atlantic.....	432,080	484,410	450,170	248,080	254,370	228,370	680,160	738,780	678,540
Kentucky.....	1,540	2,440	1,000	5,350	5,000	5,000	6,890	7,440	6,000
Tennessee.....	9,790	10,600	8,450	16,660	13,640	11,040	26,450	24,240	19,490
Alabama.....	15,680	22,300	18,400	1,750	2,650	2,100	17,430	24,950	20,500
Mississippi.....	27,270	21,500	17,800	7,300	5,800	7,200	34,570	27,300	25,000
Arkansas.....	13,260	16,200	17,150	29,390	38,750	30,950	42,650	54,950	48,100
Louisiana.....	37,230	38,100	34,150	4,060	4,420	3,660	41,290	42,520	37,810
Oklahoma.....	15,720	18,500	14,900	13,190	17,300	12,280	28,910	35,800	27,180
Texas.....	285,180	395,600	321,200	29,860	50,200	30,800	315,040	445,800	352,000
South Central.....	405,670	525,240	433,050	107,560	137,760	103,030	513,230	663,000	536,080
Montana.....				3,750	2,800	3,500	3,750	2,800	3,500
Idaho.....	11,230	13,000	10,400	5,360	15,800	17,500	16,590	28,800	27,900
Wyoming.....				960	1,350	1,220	960	1,350	1,220
Colorado.....	47,540	53,050	47,900	12,490	14,620	13,140	60,030	67,670	61,040
New Mexico.....	3,590	7,600	4,050	900	1,100	700	4,490	8,700	4,750
Arizona.....	54,760	91,780	84,350	70	100	100	54,830	91,880	84,450
Utah.....	4,510	4,320	2,970	24,010	25,060	24,550	28,520	29,380	27,520
Nevada.....	420	650	550				420	650	550
Washington.....	18,950	19,980	19,680	45,790	94,120	84,340	64,740	114,100	104,020
Oregon.....	13,210	19,910	16,620	37,900	78,500	75,000	51,110	98,410	91,620
California.....	352,950	414,840	378,850	159,020	213,160	205,500	511,970	628,000	584,350
Western.....	507,160	625,130	565,370	290,250	446,610	425,550	797,410	1,071,740	990,920
United States.....	1,741,300	2,046,540	1,843,960	1,641,520	2,062,090	1,850,250	3,382,820	4,108,630	3,694,210

<sup>1</sup> Artichokes, asparagus, lima beans, snap beans, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.

<sup>2</sup> Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes.

<sup>3</sup> Preliminary.

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TABLE 283.—Truck crops, commercial: Production, by States, average 1936-45, annual 1946 and 1947

State and division	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Maine.....				53,200	54,950	45,890	53,200	55,000	45,900
New Hampshire.....				1,800	1,600	1,600	1,800	1,600	1,600
Vermont.....				3,440	2,140	1,660	3,400	2,100	1,700
Massachusetts.....	24,300	17,200	13,400	2,360	2,180	2,950	26,700	19,400	16,400
Connecticut.....				1,260	740	590	1,300	700	600
New York.....	708,800	961,700	615,900	356,340	493,310	237,840	1,065,100	1,455,000	853,700
New Jersey.....	298,200	300,800	301,500	227,190	273,920	332,040	525,400	574,700	633,500
Pennsylvania.....	150,200	177,500	159,900	176,330	161,690	227,950	326,500	339,200	387,800
North Atlantic.....	1,181,500	1,457,200	1,090,700	821,920	990,530	850,520	2,003,400	2,447,700	1,941,200
Ohio.....	116,900	102,500	73,200	229,760	350,980	173,460	346,700	453,500	246,700
Indiana.....	98,500	132,500	108,200	546,060	627,970	517,360	644,000	760,500	625,600
Illinois.....	100,300	107,700	90,800	231,280	313,820	212,280	331,600	421,500	303,100
Michigan.....	272,300	359,300	292,000	112,540	158,500	105,420	384,800	517,800	397,400
Wisconsin.....	94,400	90,600	97,100	335,510	527,190	479,760	429,900	617,800	576,800
Minnesota.....	50,600	76,600	54,000	213,370	273,660	215,860	264,000	349,700	269,800
Iowa.....	25,300	24,600	20,100	119,650	150,700	52,070	145,000	175,300	72,200
Missouri.....	62,100	51,100	39,600	34,710	36,910	12,170	96,800	88,000	51,800
South Dakota.....				1,050	1,910	2,390	1,000	1,900	2,400
Nebraska.....				6,100	9,440	3,380	6,100	9,400	3,400
Kansas.....	2,700	8,400	4,700	950	2,070	650	3,600	10,500	5,300
North Central.....	823,000	953,300	779,700	1,830,980	2,452,550	1,774,800	2,654,000	3,405,900	2,554,500
Delaware.....	31,800	30,900	27,200	65,740	70,850	82,650	97,500	101,800	109,800
Maryland.....	99,400	110,700	112,500	361,640	276,540	347,000	461,000	387,200	459,500
Virginia.....	86,800	60,600	61,300	113,170	110,710	126,720	200,000	174,300	188,000
West Virginia.....				3,510	2,520	2,000	3,500	2,500	2,000
North Carolina.....	113,500	135,000	122,800	14,260	14,340	18,060	127,800	149,300	140,900
South Carolina.....	130,300	163,600	151,500	6,760	16,060	9,700	137,100	179,700	161,200
Georgia.....	223,100	256,500	265,200	19,880	33,110	25,380	243,000	289,600	290,600
Florida.....	565,100	848,500	650,200	21,920	26,200	18,080	587,000	874,700	668,300
South Atlantic.....	1,250,000	1,608,800	1,390,700	606,880	550,330	629,590	1,856,900	2,159,100	2,020,300
Kentucky.....	5,400	16,500	4,400	12,870	13,660	12,080	18,300	30,200	16,500
Tennessee.....	36,400	62,000	40,700	32,280	28,720	19,190	68,700	90,700	59,900
Alabama.....	50,200	45,900	46,200	2,560	2,420	3,670	52,800	48,300	49,900
Mississippi.....	79,600	61,200	42,900	8,710	6,950	9,600	88,300	68,200	52,500
Arkansas.....	31,400	39,500	37,000	54,200	87,700	43,230	85,600	127,200	80,200
Louisiana.....	79,200	87,700	82,200	4,970	3,980	3,690	84,200	91,700	85,900
Oklahoma.....	38,600	45,800	33,300	19,500	28,730	15,320	58,100	74,500	48,600
Texas.....	632,400	877,000	812,100	58,750	122,440	60,600	691,200	999,400	872,700
South Central.....	953,200	1,235,600	1,098,800	193,840	294,600	167,380	1,147,000	1,530,200	1,266,200
Montana.....				6,600	3,750	3,780	6,600	3,800	3,800
Idaho.....	71,700	98,500	75,400	14,060	38,600	42,310	85,800	137,100	117,700
Wyoming.....				1,690	2,810	1,880	1,700	2,800	1,900
Colorado.....	264,600	363,800	337,700	44,810	55,400	59,050	309,400	419,200	396,700
New Mexico.....	18,000	40,300	22,100	4,270	3,000	1,280	22,300	43,300	23,400
Arizona.....	281,500	468,200	504,100	260	580	410	281,800	468,800	504,500
Utah.....	35,400	50,800	40,300	92,270	98,650	112,560	127,700	149,400	152,900
Nevada.....	3,600	10,500	8,200				3,600	10,500	8,200
Washington.....	120,000	142,600	144,200	80,460	169,500	159,150	200,500	312,100	283,300
Oregon.....	104,500	172,200	151,300	82,150	144,660	147,970	186,600	316,900	299,200
California.....	1,826,400	2,463,100	2,334,900	741,890	1,499,100	1,540,290	2,568,300	3,902,200	3,875,200
Western.....	2,725,600	3,810,000	3,618,200	1,068,460	2,016,050	2,048,640	3,794,100	5,826,100	5,666,800
United States.....	6,933,300	9,064,900	7,978,100	4,522,080	6,304,060	5,470,930	11,455,400	15,369,000	13,449,000

<sup>1</sup> Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.

<sup>2</sup> Asparagus, lima beans (shelled basis), snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas (shelled basis), pimientos, spinach, and tomatoes.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 284.—*Truck crops, commercial: Farm value, by States, average 1936-45, annual 1946 and 1947*

State and division	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>	Average 1936-45	1946	1947 <sup>3</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....				1,472	2,367	2,074	1,472	2,367	2,074
New Hampshire.....				34	44	49	34	44	49
Vermont.....				69	73	64	69	73	64
Massachusetts.....	1,074	977	1,426	91	136	160	1,165	1,113	1,586
Connecticut.....				36	33	39	36	33	39
New York.....	29,237	41,343	43,424	8,331	18,416	9,076	37,568	59,759	52,500
New Jersey.....	17,116	28,034	24,534	7,077	16,509	14,867	24,193	44,543	39,401
Pennsylvania.....	6,692	10,599	10,110	4,508	7,455	8,655	11,200	18,054	18,765
North Atlantic.....	54,119	80,953	79,494	21,618	45,033	34,984	75,737	125,986	114,478
Ohio.....	5,510	6,517	6,497	3,709	8,710	4,213	9,219	15,227	10,710
Indiana.....	3,359	4,771	6,594	9,459	17,746	13,257	12,818	22,517	19,851
Illinois.....	3,674	5,019	6,523	4,763	9,738	7,738	8,437	14,757	14,261
Michigan.....	12,003	15,626	23,040	3,549	8,643	5,732	15,552	24,269	28,772
Wisconsin.....	1,627	1,951	4,162	10,986	22,255	20,993	12,613	24,236	25,155
Minnesota.....	1,375	1,865	4,014	3,861	7,795	7,217	5,236	9,660	11,231
Iowa.....	697	824	1,367	1,769	3,471	1,267	2,466	4,295	2,634
Missouri.....	1,626	2,777	2,566	693	1,433	379	2,319	4,210	2,945
South Dakota.....				15	37	47	15	37	47
Nebraska.....				100	256	80	100	256	80
Kansas.....	145	562	405	44	112	39	189	674	444
North Central.....	30,016	39,912	55,168	38,948	80,226	60,962	68,964	120,138	116,130
Delaware.....	909	1,279	1,289	2,007	4,115	3,448	2,916	5,394	4,737
Maryland.....	4,035	7,445	7,106	8,621	11,965	10,890	12,656	19,410	17,996
Virginia.....	3,301	3,337	4,667	2,841	4,558	4,278	6,142	7,895	8,945
West Virginia.....				61	76	61	61	76	61
North Carolina.....	4,035	7,657	6,647	485	770	935	4,520	8,427	7,582
South Carolina.....	5,069	8,125	5,671	230	785	368	5,299	8,910	6,039
Georgia.....	5,445	11,853	8,098	767	2,039	1,503	6,212	13,922	9,601
Florida.....	44,520	86,313	68,766	1,115	2,264	1,288	45,635	88,577	70,034
South Atlantic.....	67,314	126,039	102,244	16,127	26,572	22,771	83,441	152,611	125,015
Kentucky.....	252	1,537	364	232	416	379	494	1,953	743
Tennessee.....	1,625	1,711	1,857	824	1,342	912	2,449	3,053	2,769
Alabama.....	1,870	2,763	2,875	63	77	137	1,933	2,840	3,012
Mississippi.....	2,432	2,656	4,089	238	454	600	2,670	3,110	4,689
Arkansas.....	1,147	3,003	2,228	2,050	4,978	1,925	3,197	7,981	4,153
Louisiana.....	3,770	6,698	4,742	190	280	206	3,960	6,978	4,948
Oklahoma.....	878	1,359	1,042	1,037	1,584	777	1,915	2,943	1,819
Texas.....	23,926	47,031	43,277	1,469	4,059	2,504	25,395	51,090	45,781
South Central.....	35,910	66,758	60,474	6,103	13,190	7,440	42,013	79,948	67,914
Montana.....				210	200	245	210	200	245
Idaho.....	2,007	2,015	2,891	385	1,319	1,852	2,392	3,334	4,743
Wyoming.....				55	125	71	55	125	71
Colorado.....	9,742	11,867	20,022	1,041	2,042	2,140	10,683	13,909	22,162
New Mexico.....	864	2,278	1,731	80	136	93	944	2,414	1,824
Arizona.....	16,924	36,082	39,477	11	31	22	16,935	36,113	39,499
Utah.....	1,144	2,110	3,449	2,454	3,430	4,032	3,598	5,540	7,481
Nevada.....	136	359	660				136	359	660
Washington.....	5,040	7,526	8,710	4,052	11,889	10,354	9,092	19,415	19,064
Oregon.....	4,176	7,217	8,346	4,163	9,712	10,768	8,339	16,929	19,114
California.....	111,385	194,150	224,194	19,696	55,584	53,391	131,081	249,734	277,585
Western.....	151,318	263,604	309,480	32,147	84,468	82,968	183,465	348,072	392,448
United States.....	338,677	577,266	606,860	114,943	249,489	209,125	453,620	826,755	815,985

<sup>1</sup> Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.

<sup>2</sup> Asparagus, lima beans, snap beans, beets, cabbage, (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 285.—*Artichokes, globe, commercial crop: Acreage, yield, production, season average price per box received by farmers, and value, California, 1929-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Boxes<sup>1</sup></i>	<i>1,000 boxes<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Boxes<sup>1</sup></i>	<i>1,000 boxes<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929-----	8,900	111	988	2.36	2,332	1939-----	10,200	110	1,122	1.80	2,020
1930-----	8,150	124	1,011	2.10	2,123	1940-----	10,600	80	848	1.70	1,442
1931-----	7,500	109	818	1.70	1,391	1941-----	10,000	70	700	2.10	1,470
1932-----	6,330	90	570	2.10	1,197	1942-----	9,600	90	864	1.80	1,555
1933-----	6,350	117	743	1.24	921	1943-----	8,700	95	826	2.80	2,313
1934-----	8,350	127	1,060	1.00	1,060	1944-----	6,600	115	759	3.30	2,505
1935-----	9,000	113	1,017	1.70	1,729	1945-----	6,500	105	682	3.35	2,285
1936-----	9,100	95	864	2.00	1,728	1946-----	7,000	100	700	3.75	2,625
1937-----	10,100	80	808	1.60	1,293	1947 <sup>2</sup> -----	7,250	105	761	3.00	2,283
1938-----	9,700	90	873	2.15	1,877						

<sup>1</sup> Equivalent boxes (approximately 40 pounds).<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1925-28 in Agricultural Statistics, 1942, table 333.

TABLE 286.—*Asparagus, commercial crop: Acreage, yield, production, season average price per crate and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market <sup>1</sup>					For processing <sup>2</sup>				
	Acreage harvested	Yield per acre	Production	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929-----	50,320	64	3,221	2.81	9,067	42,540	1.57	66,790	82.00	5,477
1930-----	55,750	72	4,001	2.67	10,674	41,990	1.59	66,760	81.00	5,408
1931-----	65,710	67	4,378	2.18	9,533	37,400	1.17	43,760	75.00	3,282
1932-----	79,430	63	5,036	1.56	7,860	32,100	1.10	35,310	51.00	1,801
1933-----	69,640	67	4,634	1.38	6,382	48,790	1.11	54,160	46.00	2,491
1934-----	73,540	72	5,279	1.37	7,236	42,410	1.18	50,040	67.00	3,353
1935-----	64,550	70	4,489	1.56	6,994	48,500	1.17	56,740	76.00	4,312
1936-----	68,060	78	5,299	1.65	8,757	42,220	1.40	59,110	79.00	4,670
1937-----	67,170	78	5,242	1.78	9,333	43,750	1.17	51,190	90.95	4,656
1938-----	68,330	74	5,067	1.77	8,970	47,510	.94	44,660	71.10	3,175
1939-----	60,010	73	4,391	1.70	7,449	64,990	1.03	66,990	76.80	5,145
1940-----	67,080	77	5,190	1.87	9,695	65,970	1.17	77,110	89.34	6,889
1941-----	70,670	75	5,267	2.10	11,066	63,260	1.14	72,330	100.73	7,286
1942-----	58,880	80	4,721	2.29	10,808	77,150	1.22	94,070	115.57	10,872
1943-----	61,110	80	4,908	3.29	16,167	72,540	1.21	87,530	144.32	12,632
1944-----	53,900	83	4,479	3.45	15,440	78,470	1.29	101,380	149.30	15,136
1945-----	43,680	83	3,645	4.19	15,287	83,330	1.23	102,340	163.19	16,701
1946-----	41,940	98	4,092	3.86	15,789	82,040	1.46	119,970	179.27	21,507
1947 <sup>4</sup> -----	49,440	90	4,431	3.74	16,584	73,990	1.39	102,510	143.91	14,752

<sup>1</sup> Includes quantities used for processing in States other than California from 1929 to 1938.<sup>2</sup> California only from 1929 to 1938. Additional States included, beginning with 1939.<sup>3</sup> Equivalent crates (approximately 30 pounds).<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 334; production of fresh market crop in 24-pound crates.

TABLE 287.—*Asparagus, commercial crop: Acreage, production, and season average price per crate and per ton received by farmers, by States, average 1939-45, annual 1946 and 1947*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1939-45	1946	1947 <sup>1</sup>	Average 1939-45	1946	1947 <sup>1</sup>	Average 1939-45	1946	1947 <sup>1</sup>
<b>For fresh market:</b>									
Early spring:				<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	<i>Acres</i> 27,070	<i>Acres</i> 16,640	<i>Acres</i> 23,020	<i>crates</i> <sup>2</sup> 1,973	<i>crates</i> <sup>2</sup> 1,631	<i>crates</i> <sup>2</sup> 2,072	2.69	4.10	4.00
Arizona.....	160			9			2.89		
Oregon.....	560	550	600	49	58	43	2.40	3.90	3.75
Washington.....	3,400	2,500	2,700	485	420	405	2.11	2.45	2.40
Georgia.....	1,210			23			2.26		
South Carolina.....	7,110	4,300	3,500	223	150	105	2.70	4.70	3.40
Total or average...	39,510	23,990	29,820	2,763	2,259	2,625	2.60	3.83	3.72
Late spring:									
Maryland.....	1,690	1,250	1,250	161	125	119	2.59	3.30	3.70
Delaware.....	690	400	450	60	37	38	2.35	3.05	3.55
New Jersey.....	10,010	9,600	11,000	1,107	1,152	1,144	2.72	3.80	3.55
Pennsylvania.....	2,160	2,240	2,240	187	190	157	3.36	4.95	4.10
Massachusetts.....	1,810	1,750	1,700	119	108	109	3.66	5.00	4.85
Michigan.....	1,030	700	700	92	56	63	2.88	4.30	3.75
Illinois.....	2,270	1,880	2,100	159	156	168	2.49	3.15	4.35
Iowa.....	160	130	180	11	9	8	2.59	3.00	3.77
Total or average...	19,820	17,950	19,620	1,894	1,833	1,806	2.81	3.90	3.77
United States.....	59,330	41,940	49,440	4,657	4,092	4,431	2.70	3.86	3.74
<b>For processing:</b>				<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
New Jersey.....	9,970	13,400	13,000	16,740	24,120	21,450	114.60	185.80	141.00
Illinois.....	5,300	6,300	6,000	6,190	8,500	9,900	130.00	159.90	159.30
Michigan.....	2,680	4,500	4,500	3,570	5,400	6,750	125.00	161.60	153.00
Iowa.....	630	850	750	600	890	940	108.60	145.40	135.00
Maryland.....	510	750	750	730	1,120	1,050	107.90	175.00	169.80
Delaware.....	850	1,350	1,350	1,100	1,890	1,690	97.90	165.00	155.60
Washington.....	4,790	6,900	6,700	6,860	12,400	11,390	115.60	175.00	139.00
Oregon.....	200	250	100	260	400	100	118.60	175.00	105.00
California.....	46,110	46,900	40,030	48,910	64,250	48,840	122.50	183.00	141.20
Other States <sup>3</sup> .....	1,200	840	810	1,010	1,000	400	115.60	159.00	152.50
Total or average...	72,240	82,040	73,990	85,960	119,970	102,510	119.89	179.27	143.91
Grand total.....	131,570	123,980	123,430	155,860	181,370	169,010	<sup>4</sup> 147.45.	<sup>4</sup> 205.6?	<sup>4</sup> 185.41

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent crates (approximately 30 pounds).<sup>3</sup> Indiana, Minnesota, New York, Ohio, Pennsylvania, South Carolina, Utah, and Wisconsin.<sup>4</sup> Derived price per ton.

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TABLE 288.—Beans, green lima, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market:									
Winter: Florida.....	Acres 2,000	Acres 2,400	Acres 1,200	1,000 bushels <sup>2</sup> 110	1,000 bushels <sup>2</sup> 204	1,000 bushels <sup>2</sup> 102	Dollars 3.08	Dollars 4.40	Dollars 4.50
Spring:									
Florida.....	2,690	3,900	3,700	<sup>3</sup> 198	<sup>3</sup> 351	<sup>3</sup> 240	2.18	2.60	2.85
Georgia.....	2,240	1,400	1,400	120	92	84	1.67	2.30	2.95
South Carolina..	3,030	1,700	1,400	142	110	70	1.79	2.90	2.30
Total or average	7,960	7,000	6,500	460	553	394	1.94	2.61	2.77
Summer:									
North Carolina..	1,220	250	300	60	15	18	1.96	4.00	3.10
Virginia.....	180			8			1.37		
Maryland.....	1,300	1,300	1,300	92	98	104	1.78	3.65	1.75
New Jersey.....	3,300	2,600	2,400	259	221	240	1.85	3.50	2.10
New York.....	3,420	3,250	4,000	306	406	580	2.03	3.30	1.95
Total or average	9,420	7,400	8,000	725	740	942	1.88	3.42	1.99
Fall:									
Virginia.....	760	500	600	37	52	51	1.84	1.95	2.65
United States..	20,130	17,300	16,300	1,331	1,549	1,489	1.99	3.21	2.39
For processing:									
New York.....	700	810	1,000	330	380	850	77.50	121.90	144.90
New Jersey.....	11,640	12,800	13,000	5,190	8,770	6,630	106.40	156.80	155.00
Pennsylvania.....	1,200	3,800	4,400	570	1,940	2,350	91.30	144.60	134.30
Ohio.....	1,040	1,000	810	400	370	320	60.90	102.60	102.50
Michigan.....	2,620	3,320	2,160	1,340	1,560	490	67.50	110.50	129.30
Wisconsin.....	2,120	3,800	4,800	1,230	3,230	2,400	74.20	120.20	120.90
Delaware.....	11,020	12,800	13,900	6,390	8,770	9,730	70.60	111.80	111.10
Maryland.....	3,250	2,800	3,700	1,740	1,540	1,910	70.50	107.80	117.00
Virginia.....	5,320	2,700	3,000	2,890	1,460	1,280	69.60	96.00	101.50
Utah.....	920	250	100	620	150	70	84.40	105.00	105.00
Washington.....	340	350	700	220	230	630	65.60	131.50	118.40
California.....	<sup>5</sup> 2,080	7,990	14,280	<sup>5</sup> 2,190	8,190	16,490	<sup>5</sup> 122.50	145.90	173.80
Other States <sup>6</sup> .....	10,500	14,860	13,760	5,880	8,020	5,750	76.62	103.99	113.39
Total or average..	53,080	67,280	75,610	29,490	44,610	48,900	82.99	126.90	140.84
Grand total.....	73,210	84,580	91,910	<sup>4</sup> 40,080	<sup>4</sup> 57,000	<sup>4</sup> 60,810	<sup>7</sup> 126.97	<sup>7</sup> 183.98	<sup>7</sup> 171.54

<sup>1</sup> Preliminary.

<sup>2</sup> Approximately 32 pounds, in the shell.

<sup>3</sup> Includes some quantities not harvested.

<sup>4</sup> Shelled basis: 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.

<sup>5</sup> Average 1937-45.

<sup>6</sup> Arkansas, Colorado, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Minnesota, North Carolina, Oklahoma, Oregon, and Tennessee.

<sup>7</sup> Derived price per ton on shelled basis.

Bureau of Agricultural Economics.

TABLE 289.—*Beans, green lima, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market					For processing				
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels</i> <sup>2</sup>	<i>1,000 bushels</i> <sup>2</sup>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Pounds</i> <sup>3</sup>	<i>Tons</i> <sup>3</sup>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	6,650	77	510	1.79	913	24,570	1,018	12,510	85.29	1,067
1930.....	13,300	62	818	1.61	1,318	30,980	838	12,980	86.59	1,124
1931.....	13,880	69	951	1.59	1,515	28,760	1,065	15,310	77.14	1,181
1932.....	15,320	73	1,115	1.07	1,195	17,880	1,084	9,690	55.83	541
1933.....	14,950	51	756	1.07	807	16,430	1,079	8,860	56.66	502
1934.....	15,900	54	864	1.26	1,089	24,550	1,422	17,450	58.57	1,022
1935.....	14,000	65	910	1.42	1,291	27,460	1,141	15,660	61.88	969
1936.....	15,800	75	1,178	1.26	1,486	32,740	1,230	20,140	61.02	1,229
1937.....	17,950	56	998	1.92	1,921	43,400	1,070	23,220	66.06	1,534
1938.....	21,450	58	1,246	1.33	1,660	52,970	1,085	28,760	64.88	1,864
1939.....	23,100	70	1,627	1.30	2,110	49,440	1,205	29,790	64.22	1,913
1940.....	22,300	64	1,426	1.38	1,969	46,520	1,124	26,140	70.35	1,839
1941.....	25,050	61	1,531	1.51	2,312	62,650	1,216	38,090	71.25	2,714
1942.....	22,380	70	1,574	1.82	2,863	66,080	1,145	37,830	84.59	3,200
1943.....	19,150	63	1,206	2.69	3,240	60,810	900	27,360	104.93	2,871
1944.....	17,380	65	1,137	3.03	3,441	58,410	1,034	30,200	124.11	3,748
1945.....	16,750	83	1,391	3.65	5,027	57,800	1,153	33,330	118.93	3,964
1946.....	17,300	90	1,549	3.21	4,697	67,280	1,326	44,610	126.90	5,661
1947 <sup>4</sup> .....	16,300	91	1,489	2.39	3,529	75,610	1,293	48,900	140.84	6,887

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 14,000 bushels in 1945, 87,000 in 1946, and 11,000 in 1947.

<sup>2</sup> Approximately 32 pounds, in the shell.

<sup>3</sup> Shelled basis. Two pounds of lima beans in the shell produce approximately one pound of shelled beans.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 336.

TABLE 290.—*Beans, snap, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market					For processing				
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels</i> <sup>2</sup>	<i>1,000 bushels</i> <sup>2</sup>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	110,630	93	10,246	1.57	16,036	65,040	1.42	92,300	62.73	5,790
1930.....	127,330	88	11,210	1.37	14,866	78,690	1.15	90,400	62.15	5,618
1931.....	127,490	93	11,856	1.20	14,018	52,710	1.30	68,700	52.98	3,640
1932.....	135,410	88	11,968	.95	10,687	31,460	1.40	43,900	37.97	1,667
1933.....	154,020	89	13,650	.85	11,007	40,770	1.48	60,200	38.59	2,323
1934.....	177,020	84	14,918	.90	12,758	45,100	1.47	66,100	41.41	2,737
1935.....	175,280	80	14,045	1.02	14,230	49,590	1.64	81,500	43.06	3,509
1936.....	177,750	75	13,316	1.16	15,436	50,180	1.52	76,500	44.46	3,401
1937.....	157,900	78	12,247	1.34	16,407	63,720	1.68	107,000	47.94	5,130
1938.....	182,270	90	16,423	.82	13,157	73,570	1.75	128,400	44.84	5,758
1939.....	172,570	94	16,289	1.00	16,314	52,910	1.78	94,100	42.27	3,978
1940.....	163,450	102	16,728	1.09	18,033	62,000	1.84	114,220	42.93	4,904
1941.....	167,510	88	14,738	1.50	22,110	87,800	1.64	144,320	53.40	7,707
1942.....	159,560	102	16,326	1.69	27,257	135,260	1.73	233,500	74.88	17,485
1943.....	193,250	96	18,539	2.25	41,618	161,370	1.63	262,300	93.69	24,574
1944.....	198,600	83	16,506	2.31	37,904	154,400	1.46	225,700	97.24	21,948
1945.....	180,180	97	17,442	2.59	42,797	131,010	1.69	221,500	104.23	23,087
1946.....	183,030	103	18,882	2.40	43,014	122,760	1.69	207,400	117.76	23,424
1947 <sup>3</sup> .....	175,380	97	17,006	2.17	32,749	101,780	1.63	166,000	100.93	16,755

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 382,000 bushels in 1930, 192,000 in 1931, 742,000 in 1932, 686,000 in 1933, 740,000 in 1934, 159,000 in 1935, 374,000 in 1938, 42,000 in 1939, 113,000 in 1940, 163,000 in 1942, 76,000 in 1943, 98,000 in 1944; 900,000 in 1945, 944,000 in 1946, and 1,938,000 in 1947.

<sup>2</sup> Approximately 30 pounds.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 338.

TABLE 291.—Beans, snap, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>1,000 bushels <sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida.....	27,870	35,700	25,500	<sup>3</sup> 2,101	<sup>3</sup> 3,856	<sup>3</sup> 2,168	2.14	2.70	2.75
Early spring:									
Texas.....	4,670	5,900	5,200	295	442	328	1.54	2.30	2.20
Florida.....	17,340	15,800	26,700	<sup>3</sup> 1,608	<sup>3</sup> 1,580	<sup>3</sup> 2,002	1.79	2.75	2.60
Total or average.....	22,010	21,700	31,900	1,903	2,022	2,330	1.73	2.64	2.53
Midspring:									
California.....	6,080	4,350	5,000	835	674	850	1.88	2.00	2.70
Louisiana.....	7,960	7,200	5,400	<sup>5</sup> 300	382	281	1.48	2.10	2.30
Mississippi.....	3,950	2,600	3,000	<sup>3</sup> 260	234	300	1.26	2.15	2.00
Alabama.....	1,320	1,800	1,600	90	135	112	1.36	1.80	2.15
Georgia.....	4,320	3,300	3,000	<sup>3</sup> 244	248	165	1.36	1.90	1.65
South Carolina.....	6,850	6,000	5,700	373	570	<sup>3</sup> 399	1.39	1.75	1.50
Total or average.....	30,480	25,250	23,700	2,302	2,243	2,107	1.55	1.95	2.22
Late spring:									
North Carolina.....	7,030	4,400	5,100	<sup>3</sup> 403	396	<sup>3</sup> 434	1.30	1.90	1.55
Arkansas.....	1,880	2,000	2,400	112	120	<sup>3</sup> 156	1.12	1.95	1.30
Tennessee.....	590			32			1.22		
Virginia.....	3,400	2,500	2,600	216	190	187	1.13	1.95	1.50
Total or average.....	12,900	8,900	10,100	763	706	777	1.19	1.92	1.48
Early summer:									
Maryland.....	4,080	4,400	4,400	315	374	<sup>3</sup> 418	1.36	2.35	1.75
Delaware.....	130	150	150	11	13	15	1.36	2.20	1.40
New Jersey.....	6,330	4,000	4,700	680	480	517	1.28	2.35	1.85
New York.....	1,560	2,400	2,600	239	384	<sup>3</sup> 455	1.76	2.35	1.55
Pennsylvania.....	3,320	3,600	3,700	<sup>3</sup> 500	504	<sup>3</sup> 629	1.36	2.60	1.70
Illinois.....	2,670	2,400	2,000	224	168	160	1.50	2.50	2.35
Total or average.....	18,090	16,950	17,550	1,969	1,923	2,194	1.37	2.43	1.78
Late summer:									
Alabama.....	<sup>4</sup> 2,140	3,000	2,200	<sup>4</sup> 161	210	132	<sup>4</sup> 1.82	2.20	2.60
Georgia.....	<sup>5</sup> 2,140	2,000	2,000	<sup>5</sup> 198	210	208	<sup>5</sup> 1.28	2.00	1.60
North Carolina.....	<sup>5</sup> 5,020	6,400	7,680	<sup>5</sup> 474	704	<sup>3</sup> 922	<sup>5</sup> 1.15	2.00	1.20
Virginia.....	<sup>5</sup> 1,110	400	700	<sup>5</sup> 86	44	<sup>3</sup> 77	<sup>5</sup> 1.06	1.50	1.15
New York.....	9,190	13,600	13,600	<sup>1</sup> 1,297	2,094	<sup>2</sup> 3,312	1.51	2.50	1.75
Michigan.....	2,680	3,300	3,600	222	231	<sup>3</sup> 288	1.58	2.65	2.85
Colorado.....	1,860	900	800	272	144	104	1.26	2.05	2.40
Tennessee.....	1,250	1,200	1,150	142	168	<sup>3</sup> 168	1.10	2.00	1.15
Total or average.....	23,100	30,800	31,730	2,651	3,805	4,211	1.38	2.32	1.71
Early fall:									
New Jersey.....	4,570	3,600	3,700	410	306	278	1.19	1.80	2.10
Maryland.....	1,020	1,300	1,000	71	98	70	1.24	1.95	2.10
Virginia.....	4,740	3,000	3,800	335	315	456	1.22	1.60	2.70
North Carolina.....	840	1,330	900	50	<sup>3</sup> 80	22	1.09	1.40	1.40
South Carolina.....	2,380	4,500	3,500	183	<sup>3</sup> 405	158	1.42	1.75	2.00
Mississippi.....	1,070	1,400	1,700	51	63	60	1.35	2.55	2.95
Louisiana.....	3,540	2,900	2,200	220	261	99	1.58	2.40	2.45
California.....	3,780	3,400	3,400	693	629	680	1.78	2.85	2.50
Total or average.....	21,940	21,430	20,200	2,012	2,157	1,823	1.45	2.17	2.43
Late fall:									
Florida.....	16,530	20,400	12,700	<sup>3</sup> 2,030	2,060	1,270	1.75	2.75	2.60
Texas.....	2,390	1,900	2,000	125	110	126	1.49	1.80	2.20
Total or average.....	18,920	22,300	14,700	2,154	2,170	1,396	1.73	2.70	2.56
United States	175,300	183,030	175,380	15,855	18,882	17,006	1.58	2.40	2.17

See footnotes at end of table.

TABLE 291.—*Beans, snap, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For processing:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	1,930	3,150	2,250	4,600	6,600	5,600	59.40	97.00	98.00
New York.....	11,330	21,900	19,000	19,200	37,200	26,600	74.40	126.30	106.70
New Jersey.....	2,180	3,300	2,000	2,700	5,600	2,600	73.80	130.00	110.50
Pennsylvania.....	3,550	3,200	3,300	5,600	6,100	7,600	57.90	107.90	96.80
Indiana.....	1,480	200	100	1,400	100	100	57.70	90.00	90.00
Michigan.....	6,420	7,900	6,200	8,500	7,900	3,700	59.40	107.90	108.20
Wisconsin.....	9,180	9,200	10,600	13,000	12,000	10,600	62.20	104.70	104.80
Missouri.....	870	1,200	800	1,100	1,200	800	61.40	99.50	80.00
Delaware.....	1,340	1,400	1,400	1,600	1,500	1,700	62.10	102.00	80.00
Maryland.....	11,710	8,800	7,900	16,900	13,200	11,100	65.10	105.60	83.10
Virginia.....	2,470	3,000	2,100	3,300	3,900	2,700	59.50	102.00	91.60
North Carolina.....	1,520	1,600	1,200	1,700	2,400	1,600	57.90	95.00	85.00
South Carolina.....	1,820	3,900	1,000	1,600	3,900	1,000	48.00	80.00	70.00
Georgia.....	1,970	2,200	1,000	1,700	2,600	1,200	50.70	107.00	85.00
Florida.....	7,050	10,600	6,800	11,000	16,300	9,000	58.80	116.60	101.80
Tennessee.....	3,580	4,700	4,300	5,000	6,600	6,000	55.70	111.50	91.00
Mississippi.....	2,110	2,300	1,700	1,900	3,000	2,600	53.20	96.60	100.00
Arkansas.....	7,480	8,500	6,600	9,900	13,600	5,900	64.80	133.20	78.20
Louisiana.....	2,750	3,300	2,300	2,400	2,000	1,400	51.40	96.00	80.00
Oklahoma.....	3,100	3,000	3,000	3,400	3,300	2,100	60.60	140.00	94.00
Texas.....	4,040	8,000	7,500	6,200	12,800	9,000	56.20	85.00	72.50
Colorado.....	1,170	1,100	1,200	3,300	3,300	3,400	54.70	80.60	97.50
Utah.....	870	300	350	2,900	1,100	900	59.40	108.00	103.30
Washington.....	1,440	2,000	2,100	6,000	7,600	8,800	67.30	113.50	117.60
Oregon.....	3,110	4,800	4,600	18,500	25,000	33,100	74.20	122.70	116.10
California.....	920	990	960	4,400	5,000	4,800	71.20	114.40	103.70
Other States <sup>6</sup> .....	1,830	2,220	1,520	2,900	3,300	2,100	57.95	90.66	96.19
Total or average.....	97,220	122,760	101,780	160,700	207,400	166,000	64.59	117.76	100.93
Grand total.....	272,520	305,790	277,160	<i>Tons</i> 398,500	<i>Tons</i> 490,600	<i>Tons</i> 392,000	<sup>7</sup> 93.20	<sup>7</sup> 139.46	<sup>7</sup> 126.29

<sup>1</sup> Preliminary. <sup>2</sup> Approximately 30 pounds. <sup>3</sup> Includes some quantities not harvested.<sup>4</sup> Average 1939-45. <sup>5</sup> Average 1938-45.<sup>6</sup> Alabama, Idaho, Illinois, Iowa, Kentucky, Massachusetts, Montana, Nebraska, New Mexico, Ohio, Vermont, and Wyoming. <sup>7</sup> Derived price per ton.

Bureau of Agricultural Economics.

TABLE 292.—*Beets, commercial crop: Acreage yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market					For processing				
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels</i> <sup>2</sup>	<i>1,000</i> <i>bushels</i> <sup>2</sup>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>
1929.....	9,810	210	2,058	0.64	1,307	6,920	5.20	36,000	17.39	626
1930.....	10,700	206	2,206	.60	1,331	10,720	5.21	55,900	15.40	861
1931.....	11,360	204	2,323	.41	864	4,750	6.34	30,100	11.76	354
1932.....	11,710	167	1,960	.40	789	2,970	7.27	21,600	8.56	185
1933.....	10,960	176	1,924	.48	921	4,040	6.14	24,800	9.72	241
1934.....	13,150	191	2,506	.46	1,142	6,820	5.88	40,100	10.47	420
1935.....	11,410	171	1,950	.56	1,098	8,210	5.80	47,600	10.21	486
1936.....	12,090	178	2,153	.46	933	8,350	5.64	47,100	12.42	585
1937.....	10,630	187	1,988	.52	1,036	12,150	5.15	62,600	11.80	738
1938.....	10,920	193	2,105	.39	809	11,080	6.39	70,800	9.79	693
1939.....	11,690	182	2,131	.43	907	8,320	5.37	44,700	12.66	566
1940.....	12,100	185	2,240	.48	1,072	12,400	5.70	70,700	12.22	864
1941.....	12,270	172	2,108	.43	914	17,790	7.48	133,000	13.11	1,743
1942.....	11,380	187	2,128	.62	1,330	16,730	7.88	151,900	15.17	2,001
1943.....	12,300	179	2,203	1.21	2,668	18,100	7.70	139,400	20.76	2,894
1944.....	13,640	182	2,482	.77	1,903	18,480	9.18	169,600	20.64	3,500
1945.....	11,500	186	2,136	.85	1,809	18,400	10.15	186,700	19.81	3,698
1946.....	12,030	187	2,249	.81	1,711	16,510	8.56	141,380	18.58	2,627
1947 <sup>3</sup> .....	9,970	195	1,942	.81	1,574	10,900	6.75	73,600	19.58	1,441

For footnotes see page 239

TABLE 293.—*Beets, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market:									
Winter: Texas.....	<i>Acres</i> 7,260	<i>Acres</i> 8,300	<i>Acres</i> 6,300	<i>1,000 bushels</i> <sup>2</sup> \$ 1,034	<i>1,000 bushels</i> <sup>2</sup> \$ 1,204	<i>1,000 bush-ls</i> <sup>2</sup> 976	<i>Dollars</i> 0.33	<i>Dollars</i> 0.45	<i>Dollars</i> 0.65
Spring:									
Louisiana.....	980	500	500	124	55	48	0.70	1.15	1.00
Mississippi.....	20			2			0.42		
South Carolina.....	310	450	450	73	122	94	1.29	1.70	1.30
North Carolina.....	220	280	250	<sup>3</sup> 49	62	<sup>3</sup> 41	1.14	1.35	1.70
Virginia.....	370	100	170	99	32	62	0.84	1.10	1.25
Total or average.....	1,900	1,330	1,370	347	271	245	0.98	1.44	1.29
Summer:									
New Jersey.....	1,730	1,200	1,300	409	330	351	0.97	1.15	0.85
Pennsylvania.....	970	1,200	1,000	378	444	370	0.77	1.05	0.90
Total or average.....	2,700	2,400	2,300	787	774	721	0.88	1.09	0.88
United States.....	11,850	12,030	9,970	2,167	2,249	1,942	0.62	0.81	0.81
For processing:				<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
New York.....	4,440	3,400	2,300	36,000	41,800	15,200	16.40	18.30	21.50
New Jersey.....	610	560	350	4,900	6,100	1,800	15.00	21.00	24.00
Indiana.....	250	200	100	1,000	1,100	500	14.60	19.00	20.00
Michigan.....	990	1,150	1,000	6,700	6,400	3,300	13.50	19.30	19.00
Wisconsin.....	4,040	6,200	4,200	31,400	50,200	34,400	12.70	17.60	17.70
Oregon.....	1,240	2,000	1,200	12,200	18,200	9,800	18.00	19.80	22.00
Other States <sup>4</sup> .....	2,610	3,000	1,750	13,400	17,580	8,600	14.61	19.62	20.02
Total or average.....	14,180	16,510	10,900	105,600	141,380	73,600	14.84	18.58	19.58
Grand total.....	26,030	28,540	20,870	<i>Tons</i> 161,900	<i>Tons</i> 199,900	<i>Tons</i> 124,100	<sup>5</sup> 18.93	<sup>5</sup> 22.12	<sup>5</sup> 24.31

<sup>1</sup> Preliminary.

<sup>2</sup> Equivalent bushels of beets without tops (approximately 52 pounds).

<sup>3</sup> Includes some quantities not harvested.

<sup>4</sup> California, Colorado, Georgia, Illinois, Iowa, Louisiana, Maine, Maryland, Minnesota, Mississippi, Missouri, Nebraska, North Carolina, Ohio, Oklahoma, Pennsylvania, Tennessee, Texas, Utah, Virginia, and Washington.

<sup>5</sup> Derived price per ton.

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#### FOOTNOTES FOR TABLE 292

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 200,000 bushels in 1931, 5,000 in 1935, 126,000 in 1936, 30,000 in 1938, 146,000 in 1946 and 5,000 in 1947.

<sup>2</sup> Equivalent bushels of beets without tops (approximately 52 pounds).

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data 1923-28 in Agricultural Statistics, 1942, table 341.

TABLE 294.—Cabbage, commercial crop: Stocks, acreage, yield, production, season average price per ton received by farmers, and value, United States, 1929-47

Year	Stocks, Jan. 1 <sup>1</sup>	For fresh market					For sauerkraut				
		Acre- age har- vested	Yield per acre	Produc- tion <sup>2</sup>	Price	Farm value	Acre- age har- vested	Yield per acre	Produc- tion	Price	Farm value
	Tons	Acres	Tons	Tons	Dol- lars	1,000 dollars	Acres	Tons	Tons	Dol- lars	1,000 dollars
1929.....	61,940	136,790	7.19	983,400	20.20	19,863	20,530	8.43	173,000	10.22	1,768
1930.....	55,040	132,690	6.48	860,300	21.35	18,370	28,100	7.61	213,800	7.74	1,654
1931.....	55,570	148,360	6.62	982,500	11.34	10,780	19,210	7.11	136,500	6.03	823
1932.....	60,050	144,700	6.87	994,700	12.59	12,113	16,160	9.40	151,900	4.11	625
1933.....	85,150	136,110	5.80	788,900	21.03	16,453	16,440	5.80	95,400	11.21	1,069
1934.....	34,790	204,310	6.52	1,332,600	10.35	12,636	25,710	8.39	215,700	6.35	1,369
1935.....	82,200	152,580	6.67	1,017,000	13.99	14,162	16,500	8.17	134,800	5.17	697
1936.....	78,600	165,090	5.97	986,300	19.57	18,282	18,980	6.06	115,100	13.17	1,516
1937.....	45,810	160,060	6.19	991,300	15.00	14,546	24,840	5.99	148,900	9.68	1,442
1938.....	30,460	158,720	7.73	1,227,100	9.26	10,850	17,740	11.01	195,400	5.29	1,033
1939.....	78,020	152,880	6.26	957,100	16.25	14,856	19,710	7.44	146,600	7.59	1,113
1940.....	41,120	160,800	6.86	1,102,600	12.32	13,555	20,720	8.94	185,200	5.43	1,006
1941.....	60,030	139,940	6.70	937,700	21.24	19,831	23,480	8.99	211,000	9.70	2,047
1942.....	60,210	170,410	7.31	1,245,600	17.83	20,423	15,000	10.75	161,300	7.96	1,284
1943.....	58,060	166,040	6.15	1,021,700	48.59	49,351	13,860	7.75	107,400	21.89	2,351
1944.....	25,740	219,700	6.33	1,390,800	32.66	41,922	16,720	7.05	117,900	14.83	1,749
1945.....	22,690	192,080	8.03	1,541,700	28.30	41,468	22,730	10.26	233,300	13.31	3,105
1946.....	48,200	177,500	7.81	1,386,000	29.47	39,156	24,450	11.01	269,200	13.14	3,538
1947 <sup>3</sup> .....	113,900	163,260	7.04	1,150,100	40.62	45,894	9,430	7.41	69,900	16.97	1,186

<sup>1</sup> In the hands of growers and local dealers, from crop of preceding year.

<sup>2</sup> Includes the following quantities not harvested and excluded in computing value: 31,600 tons in 1931, 32,800 in 1932, 6,500 in 1933, 111,800 in 1934, 4,900 in 1935, 52,000 in 1936, 21,800 in 1937, 55,200 in 1938, 42,800 in 1939, 2,000 in 1940, 4,000 in 1941, 100,200 in 1942, 6,100 in 1943, 107,200 in 1944, 76,200 in 1945, 57,400 in 1946, and 20,400 in 1947.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 343.



TABLE 295.—Cabbage, commercial crop: Acreage, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
<b>For fresh market:</b>									
<b>Winter:</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	11,400	12,000	9,500	94,100	100,800	76,000	20.91	36.00	40.50
Arizona.....	810	1,500	800	8,500	15,800	8,400	33.22	54.00	51.80
Texas.....	31,490	32,000	29,000	<sup>2</sup> 47,200	137,600	179,800	17.56	32.70	20.90
Florida.....	13,110	13,200	12,200	<sup>2</sup> 87,800	<sup>2</sup> 116,200	<sup>2</sup> 100,000	29.11	49.00	34.70
Total or average.....	56,810	58,700	51,500	337,600	370,400	364,200	22.17	39.56	29.19
<b>Early spring:</b>									
Louisiana.....	5,140	7,400	9,000	<sup>2</sup> 20,300	34,800	40,500	26.06	40.00	19.80
Mississippi.....	7,230	7,200	5,100	<sup>2</sup> 35,700	<sup>2</sup> 33,100	21,400	24.00	31.80	92.50
Alabama.....	1,290	1,800	1,600	<sup>2</sup> 6,900	9,900	5,600	33.11	59.20	42.50
Georgia, south.....	3,270	5,600	5,600	16,600	33,600	25,200	29.33	56.40	43.30
South Carolina.....	2,000	900	1,200	<sup>2</sup> 14,200	8,100	6,000	30.38	62.70	58.40
Total or average.....	18,930	22,900	22,500	93,700	119,500	98,700	26.08	46.49	45.20
<b>Late spring:</b>									
North Carolina.....	1,590	1,650	1,700	<sup>2</sup> 7,400	<sup>2</sup> 10,900	7,600	27.58	47.90	83.20
Virginia.....	2,260	1,700	1,500	<sup>2</sup> 11,200	<sup>2</sup> 11,700	5,400	29.91	27.40	66.00
Maryland.....	1,480	1,700	1,500	7,000	10,200	7,500	32.36	22.50	45.00
Tennessee.....	2,750	4,000	3,200	16,700	<sup>2</sup> 38,000	22,400	28.46	11.50	52.00
Kentucky.....	270	340	300	1,700	<sup>2</sup> 2,700	2,000	40.75	11.50	40.20
Ohio, southeast.....	450	650	580	3,800	6,500	5,200	40.85	18.30	46.50
Missouri.....	1,140	1,200	1,100	5,800	7,800	4,400	29.25	17.00	35.00
Washington.....	460	650	620	<sup>2</sup> 2,400	<sup>2</sup> 4,200	3,700	33.71	40.00	60.00
Total or average.....	10,420	11,890	10,500	56,000	92,000	58,200	30.44	21.73	51.36
<b>Early summer:</b>									
New Jersey.....	3,970	4,700	4,500	24,400	29,600	29,200	30.48	26.00	48.20
New York, Long Island.....	1,120	1,200	1,100	10,600	12,000	9,900	29.18	38.50	37.20
Georgia, north.....	740	900	850	3,300	3,800	4,100	28.45	29.10	61.70
Indiana.....	510	400	400	3,500	3,000	2,800	29.34	23.40	50.50
Illinois.....	3,180	3,300	3,000	19,800	18,200	18,000	22.29	29.00	60.00
Iowa.....	1,140	1,100	1,000	7,700	8,200	7,500	23.08	28.00	50.00
Total or average.....	10,650	11,600	10,850	69,300	74,800	71,500	26.71	29.02	50.69
<b>Late summer:</b>									
Colorado.....	1,550	1,700	1,800	<sup>2</sup> 16,100	18,900	21,600	19.75	22.40	40.80
Utah.....	480	300	360	6,800	4,000	5,000	16.23	40.00	45.00
New Mexico.....	850	600	400	5,400	3,600	2,000	26.15	30.00	80.00
Minnesota.....	950	510	350	7,000	4,000	2,400	19.91	30.00	66.00
Ohio.....	2,280	1,150	1,100	17,100	10,100	8,200	31.90	41.00	51.00
Pennsylvania.....	5,160	5,900	5,900	38,700	56,000	47,200	27.22	32.00	45.00
Virginia, south-west.....	3,180	2,000	1,700	<sup>2</sup> 18,000	<sup>2</sup> 14,200	12,900	21.22	24.20	53.80
North Carolina.....	4,360	3,300	3,600	27,200	23,100	27,000	22.25	32.80	41.70
Total or average.....	18,800	15,460	15,210	136,100	133,900	126,300	23.82	30.80	45.81
<b>Early fall (domestic):</b>									
New York, Long Island.....	1,020	900	850	10,600	11,200	8,900	22.89	30.00	47.60
New York, other.....	3,810	4,700	4,800	<sup>2</sup> 37,900	<sup>2</sup> 71,000	44,200	16.27	11.70	37.30
New Jersey.....	2,140	2,400	2,300	11,300	14,400	13,100	24.26	32.00	48.10
Michigan.....	3,010	4,200	4,200	23,200	31,500	35,700	32.42	50.00	70.60
Wisconsin.....	6,040	3,400	5,300	<sup>2</sup> 53,300	31,300	45,000	13.71	19.00	29.00
Washington.....	1,020	1,600	1,550	<sup>2</sup> 6,500	10,200	10,800	31.35	36.50	45.00
Total or average.....	17,040	17,200	19,000	142,800	169,600	157,700	19.90	25.14	44.48

See footnotes at end of table.

TABLE 295.—Cabbage, commercial crop: Acreage, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market— Continued:									
Early fall (Danish):	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	18,180	19,200	14,400	<sup>2</sup> 163,200	<sup>2</sup> 240,000	108,000	18.64	11.30	45.00
Pennsylvania.....	2,840	2,900	2,700	23,100	29,000	21,600	21.37	26.00	40.00
Ohio.....	950	1,050	800	6,500	7,400	6,000	30.22	42.50	49.70
Indiana.....	350	300	300	2,500	2,400	2,400	25.39	20.00	46.20
Michigan.....	1,180	2,100	2,000	9,400	16,800	14,000	28.81	41.50	70.00
Wisconsin.....	3,370	3,900	3,500	<sup>2</sup> 27,200	35,100	29,800	15.49	18.00	39.00
Minnesota.....	1,340	1,100	1,400	9,500	11,000	11,200	18.40	29.00	40.00
Colorado.....	3,200	3,500	3,300	<sup>2</sup> 36,100	45,500	49,500	16.72	20.00	30.00
Total or average.....	31,410	34,050	28,400	277,600	387,200	242,500	18.76	16.84	42.09
Late fall:									
Oregon.....	1,370	2,000	1,700	<sup>2</sup> 9,700	13,200	12,800	27.47	42.00	37.60
Virginia.....	200	100	100	1,100	600	500	28.94	36.00	40.00
North Carolina.....	1,420	2,300	2,300	6,500	13,800	6,900	26.35	23.60	60.00
South Carolina.....	1,520	1,300	1,200	9,900	11,000	10,800	31.22	34.50	80.00
Total or average.....	4,510	5,700	5,300	27,200	38,600	31,000	27.94	33.21	57.39
United States.....	168,570	177,500	163,260	1,140,200	1,386,000	1,150,100	22.10	29.47	40.62
For sauerkraut:									
New York.....	6,950	8,550	3,550	67,900	120,600	26,300	11.00	10.70	19.30
Ohio.....	1,940	2,800	900	15,200	31,400	4,000	9.60	12.50	15.50
Indiana.....	1,290	1,740	100	7,800	13,900	600	12.30	15.20	16.00
Illinois.....	420	680	200	2,800	3,700	1,200	12.80	16.60	19.00
Michigan.....	840	670	270	6,100	6,200	1,800	10.20	12.20	16.80
Wisconsin.....	4,840	6,600	2,700	38,500	58,700	20,000	10.40	15.50	12.90
Minnesota.....	210	140	140	1,600	1,500	800	8.70	13.70	12.30
Colorado.....	250	240	70	2,600	2,800	800	11.50	13.00	17.90
Washington.....	330	370	240	3,400	4,100	2,600	11.30	15.00	13.80
Other States <sup>3</sup> .....	2,310	2,660	1,260	16,300	26,300	11,800	12.81	18.21	19.92
Total or average.....	19,380	24,450	9,430	162,200	269,200	69,900	10.88	13.14	16.97
Grand total.....	187,950	201,950	172,690	1,302,400	1,655,200	1,220,000	<sup>4</sup> 26,173	<sup>4</sup> 42,694	<sup>4</sup> 47,080

<sup>1</sup> Preliminary.<sup>2</sup> Includes some quantities not harvested.<sup>3</sup> Florida, Iowa, Maryland, Missouri, New Jersey, North Carolina, Oregon, Pennsylvania, Tennessee, Texas, Utah, and Virginia.<sup>4</sup> Derived price per ton.

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TABLE 296.—*Cantaloups and other muskmelons,<sup>1</sup> commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
Spring:									
California.....	16,940	22,200	20,830	1,000 crates <sup>3</sup> 4 2,026	1,000 crates <sup>3</sup> 2,664	1,000 crates <sup>3</sup> 1,979	Dollars 2.86	Dollars 4.10	Dollars 4.35
Florida.....	460	800	800	4 26	4 31	64	2.59	3.60	2.25
Total or average.....	17,400	23,000	21,630	2,052	2,695	2,043	2.85	4.10	4.28
Early summer:									
Arizona.....	10,470	16,800	19,800	4 1,115	2,066	2,475	2.26	3.45	3.35
Nevada.....	120			13			.65		
Georgia.....	6,270	4,500	4,300	4 276	270	322	1.59	2.45	1.50
South Carolina.....	3,760	4,200	4,000	185	235	160	1.24	1.75	1.15
Total or average.....	20,620	25,500	28,100	1,589	2,571	2,957	2.02	3.19	3.03
Midsummer:									
California.....	11,200	29,200	33,500	1,870	4,380	4,188	2.03	3.10	3.40
Washington.....	1,560	2,500	2,000	4 258	4 450	4 368	1.38	2.05	2.00
New Mexico.....	920	1,800	1,150	82	142	108	1.73	3.50	2.45
Texas.....	5,200	7,200	5,400	266	367	324	1.88	3.85	3.65
Oklahoma.....	1,720	2,500	2,000	105	140	120	1.21	1.30	1.20
Arkansas.....	1,800	2,000	2,000	93	128	110	1.10	1.65	1.50
North Carolina.....	5,190	5,400	5,100	327	232	255	1.38	1.85	1.75
Maryland.....	6,360	6,300	6,300	4 529	510	378	1.49	1.80	2.35
Delaware.....	3,290	3,100	2,600	4 285	239	156	1.47	1.70	2.35
Indiana.....	6,420	6,100	6,400	4 427	628	410	1.80	2.45	2.25
Illinois.....	1,540	1,800	1,400	98	115	77	1.53	1.85	2.80
Iowa.....	720	500	480	52	58	24	1.72	1.95	2.35
Total or average.....	45,910	68,400	68,330	4,392	7,389	6,518	1.75	2.77	3.02
Late summer:									
Oregon.....	740	900	500	104	147	90	1.68	2.00	2.30
Utah.....	740	450	280	72	68	48	1.42	2.00	2.95
Colorado.....	4,150	4,100	4,000	413	332	460	1.44	1.85	1.95
Kansas.....	720	650	400	47	78	55	1.66	3.25	2.80
Michigan.....	4,230	3,000	2,700	4 384	225	189	2.35	3.70	4.55
Ohio.....	2,810	2,100	1,260	202	118	54	2.00	2.80	3.65
New Jersey.....	2,920	2,200	1,800	228	86	131	1.63	1.70	2.60
New York.....	2,060	1,550	1,200	145	119	88	3.08	4.25	5.30
Total or average.....	18,370	14,950	12,140	1,595	1,173	1,115	1.90	2.65	2.93
United States.....	102,300	131,850	130,200	9,629	13,828	12,633	2.04	3.10	3.22

<sup>1</sup> Includes Casaba and Persian melons.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent jumbo crates (approximately 70 pounds).

<sup>4</sup> Includes some quantities not harvested.

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TABLE 297.—Cantaloups and other muskmelons,<sup>1</sup> commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-47

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	95,060	124	11,828	1.73	20,421	1939.....	118,610	84	10,014	1.17	11,682
1930.....	111,170	98	10,913	1.59	17,370	1940.....	110,210	89	9,802	1.24	12,087
1931.....	121,670	102	12,353	1.13	13,545	1941.....	111,490	89	9,963	1.44	14,026
1932.....	118,020	99	11,711	.96	9,626	1942.....	93,850	87	8,239	2.42	19,886
1933.....	97,200	93	8,993	.94	8,027	1943.....	70,760	113	7,981	4.35	34,700
1934.....	92,190	97	8,910	1.20	10,688	1944.....	94,640	102	9,694	3.05	29,471
1935.....	101,400	94	9,535	1.04	9,629	1945.....	108,640	95	10,295	2.99	30,646
1936.....	101,340	94	9,553	1.19	10,986	1946.....	131,850	105	13,828	3.10	42,608
1937.....	104,020	98	10,226	1.32	13,549	1947 <sup>4</sup> .....	130,200	97	12,633	3.22	40,522
1938.....	109,490	96	10,525	1.21	11,155						

<sup>1</sup> Includes Casaba and Persian melons.

<sup>2</sup> Includes the following quantities not harvested and excluded in computing value: 380,000 crates in 1931, 1,650,000 in 1932, 416,000 in 1933, 300,000 in 1935, 355,000 in 1936, 1,281,000 in 1938, 89,000 in 1940, 171,000 in 1941, 21,000 in 1942, 12,000 in 1944, 43,000 in 1945, 66,000 in 1946; and 40,000 in 1947.

<sup>3</sup> Equivalent jumbo crates (approximately 70 pounds).

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 346; includes Honey Ball and Honey Dew melons; production in standard crates containing approximately 60 pounds.

TABLE 298.—Carrots, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47<sup>1</sup>

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value
	<i>Acres</i>	<i>Bu.<sup>3</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>		<i>Acres</i>	<i>Bu.<sup>3</sup></i>	<i>1,000 bu.<sup>3</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>
1929.....	32,770	344	11,273	0.68	7,521	1939.....	51,140	319	16,313	0.68	11,146
1930.....	34,820	339	11,821	.68	7,991	1940.....	54,770	309	16,909	.73	12,294
1931.....	34,040	332	11,290	.60	6,151	1941.....	56,110	325	18,254	.79	14,351
1932.....	35,650	306	10,904	.65	6,876	1942.....	60,780	333	20,216	1.21	24,445
1933.....	37,420	285	10,666	.59	6,298	1943.....	87,590	342	29,944	1.29	38,289
1934.....	40,960	310	12,705	.62	7,872	1944.....	79,330	338	26,833	1.27	33,907
1935.....	39,800	321	12,782	.68	8,687	1945.....	87,160	356	31,043	1.28	39,708
1936.....	45,090	306	13,812	.63	8,721	1946.....	80,620	328	26,480	1.35	34,845
1937.....	46,810	317	14,822	.69	10,212	1947 <sup>4</sup> .....	71,120	335	23,791	1.75	40,874
1938.....	50,980	318	16,214	.59	9,584						

<sup>1</sup> Includes quantities used for processing.

<sup>2</sup> Includes the following quantities not harvested and excluded in computing value: 235,000 bushels in 1929, 1,056,000 in 1931, 265,000 in 1932, 7,000 in 1935, 5,000 in 1936, 81,000 in 1938, 216,000 in 1943, 63,000 in 1944, 90,000 in 1945, 583,000 in 1946, and 465,000 in 1947.

<sup>3</sup> Equivalent bushels of carrots without tops (approximately 50 pounds).

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1923-28 in Agricultural Statistics, 1942, table 349.

TABLE 299.—Carrots, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	8,060	10,000	10,200	2,930	3,750	3,978	1.11	1.80	1.60
Arizona.....	1,710	2,350	4,700	495	623	1,269	1.37	1.95	1.95
Texas.....	13,180	16,800	16,500	2,218	3,108	2,970	.37	.70	1.70
Louisiana.....	1,870	1,350	1,250	232	148	131	.72	1.50	1.45
Florida.....	4750	900	500	4240	230	80	4.85	.85	1.25
Total or average.....	24,900	31,400	33,150	5,899	7,859	8,428	.83	1.34	1.33
Spring:									
California.....	7,060	6,800	5,300	2,789	2,611	2,624	1.06	1.80	1.80
Arizona.....	1,980	6,500	5,100	5746	2,048	52,372	1.21	1.80	1.55
Mississippi.....	75			8			.51		
Total or average.....	9,120	13,300	10,400	3,543	4,659	4,996	1.10	1.80	1.69
Summer:									
North Carolina.....	100			516			.91		
Virginia.....	80			20			.85		
New Jersey.....	1,550	1,300	1,300	389	325	306	1.06	1.25	1.25
New York.....	1,420	1,380	1,250	575	662	475	1.00	1.05	1.25
Ohio.....	1,570	1,860	1,440	784	945	720	1.05	1.35	1.90
Colorado.....	1,480	1,800	1,500	364	5450	412	.82	1.00	1.40
Total or average.....	6,190	6,280	5,490	2,148	2,382	1,913	.98	1.20	1.53
Fall:									
California.....	10,190	11,650	8,900	4,098	3,844	3,471	1.08	1.87	3.50
Oregon.....	790	1,000	900	325	415	382	1.19	2.00	2.10
Washington.....	1,260	1,760	1,800	5533	704	828	.78	1.10	1.25
Idaho.....	4390	600	100	45116	5165	33	41.08	.55	.55
Utah.....	4260	460	400	468	138	126	4.37	2.00	3.75
New Mexico.....	41,370	2,500	1,700	4393	650	425	41.44	1.50	2.55
Minnesota.....	240	460	380	83	264	175	.64	1.40	.35
Illinois.....	2,050	2,400	1,800	807	924	720	.69	.70	1.15
Indiana.....	140	110		65	60		.59	.55	
Michigan.....	1,360	2,600	1,600	709	1,664	944	.62	.55	1.00
Pennsylvania.....	1,520	2,000	1,800	542	600	486	.94	1.05	1.50
New York.....	3,000	4,100	2,700	1,364	52,152	864	.67	.46	1.15
Total or average.....	21,960	29,640	22,080	8,929	11,580	8,454	.89	1.19	2.26
United States.....	62,170	80,620	71,120	20,519	26,480	23,791	.92	1.35	1.75

<sup>1</sup> Includes quantities used for processing. <sup>2</sup> Preliminary.  
<sup>3</sup> Equivalent bushels of carrots without tops (approximately 50 pounds).  
<sup>4</sup> Short-time average: Florida—1945, first year of estimate; Idaho, Utah, and New Mexico—1939-45. <sup>5</sup> Includes some quantities not harvested.

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TABLE 300.—Cauliflower, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-47<sup>1</sup>

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value
1929.....	26,350	266	7,016	0.81	5,656	1939.....	29,350	308	9,040	0.64	5,780
1930.....	30,120	226	6,808	.85	5,780	1940.....	31,670	309	9,798	.58	5,665
1931.....	29,960	252	7,556	.75	5,649	1941.....	32,080	262	8,392	.79	6,632
1932.....	32,060	238	7,624	.61	4,478	1942.....	32,230	294	9,481	1.03	9,758
1933.....	30,340	236	7,167	.56	3,983	1943.....	26,440	285	7,599	1.87	14,170
1934.....	29,150	233	6,787	.58	3,970	1944.....	31,160	305	9,505	1.56	14,810
1935.....	27,890	246	6,872	.65	4,351	1945.....	37,420	311	11,640	1.58	18,413
1936.....	29,790	256	7,626	.71	5,437	1946.....	42,210	302	12,741	1.47	18,390
1937.....	29,470	294	8,677	.71	6,159	1947 <sup>4</sup> .....	39,640	287	11,385	1.53	17,380
1938.....	27,830	297	8,265	.57	4,689						

<sup>1</sup> Includes the headed type of broccoli.  
<sup>2</sup> Includes the following quantities not harvested and excluded in computing value: 336,000 crates in 1932, 127,000 in 1935, 30,000 in 1944, and 202,000 in 1946.  
<sup>3</sup> Equivalent 1½-bushel crates (approximately 37 pounds). <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 352.

TABLE 301.—*Cauliflower, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947*<sup>1</sup>

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>1,000 crates<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	7,160	10,200	11,000	2,026	2,601	2,750	.82	1.50	1.20
Arizona.....	790	2,700	2,700	262	742	840	.97	1.60	1.30
Oregon.....	160	320	290	31	48	29	1.14	1.40	1.10
Texas.....	340	700	700	63	140	122	1.50	1.45	1.75
Florida.....	4 500	500	600	4 145	5 150	120	4 2.80	2.25	1.75
Total or average.....	8,510	14,420	15,290	2,397	3,681	3,861	.87	1.55	1.26
Spring:									
California.....	8,270	11,100	10,900	2,621	4,162	3,652	.98	1.40	1.45
Washington.....	660	590	650	267	236	276	1.00	1.20	1.20
Total or average.....	8,930	11,690	11,550	2,888	4,398	3,928	.98	1.39	1.43
Summer:									
New Jersey.....	1,250	1,300	1,000	264	260	225	1.25	1.60	1.60
New York.....	2,590	3,200	2,400	873	5 1,200	600	1.60	1.95	2.55
Colorado.....	3,320	3,200	3,400	5 864	896	1,020	.58	.95	1.05
Utah.....	20			9			1.08		
Total or average.....	7,180	7,700	6,800	2,010	2,356	1,845	1.12	1.49	1.60
Fall:									
New York, Long Island.....	4,560	4,500	3,600	1,259	1,462	900	1.22	1.55	2.75
Michigan.....	4 1,120	1,700	1,100	4 299	272	396	4 1.41	1.75	2.45
Oregon.....	780	2,200	1,300	237	572	455	.88	1.10	1.10
Total or average.....	6,120	8,400	6,000	1,705	2,306	1,751	1.13	1.46	2.25
United States.....	30,740	42,210	39,640	8,899	12,741	11,385	1.00	1.47	1.53

<sup>1</sup> Includes the headed type of broccoli.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent 1½-bushel crates (approximately 37 pounds).

<sup>4</sup> Short-time averages: Florida, 1945, first year of estimate; Michigan, 1939-45.

<sup>5</sup> Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 302.—*Celery, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	35,220	409	14,391	1.20	17,267	1939.....	39,810	428	17,030	1.13	19,187
1930.....	35,050	430	15,073	1.21	18,307	1940.....	40,230	423	17,012	1.27	21,669
1931.....	35,180	380	13,367	1.39	18,542	1941.....	41,060	453	18,620	1.51	28,102
1932.....	34,220	405	13,855	.85	11,505	1942.....	40,630	427	17,335	2.04	35,321
1933.....	34,890	393	13,714	.91	12,187	1943.....	38,940	422	16,443	3.24	53,090
1934.....	36,130	386	13,936	.99	13,793	1944.....	40,690	443	18,040	2.69	47,428
1935.....	35,840	342	12,268	1.38	16,919	1945.....	43,890	447	19,622	3.19	62,253
1936.....	38,120	367	13,983	1.27	17,737	1946.....	48,250	484	23,329	1.91	42,971
1937.....	40,180	378	15,185	1.28	19,478	1947 <sup>3</sup> .....	42,690	471	20,094	2.83	56,864
1938.....	40,190	407	16,358	1.01	16,039						

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 278,000 crates in 1932, 347,000 in 1933, 424,000 in 1938, 52,000 in 1943, 400,000 in 1944, 102,000 in 1945, and 809,000 in 1946.

<sup>2</sup> Equivalent ½-size crates (approximately 65 pounds).

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 354; quantities and prices are as of equivalent 2/3-size crates containing approximately 90 pounds.

TABLE 303.—*Celery, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947
Winter:									
Florida.....	5,400	8,550	7,100	<sup>2</sup> 2,810	<sup>3</sup> 4,249	2,840	Dollars 1.95	Dollars 2.15	Dollars 3.40
California.....	1,820	2,500	2,570	1,268	1,562	1,863	1.84	2.60	3.10
Arizona.....	<sup>4</sup> 250	930	550	<sup>4</sup> 201	442	302	<sup>4</sup> 3.15	2.85	4.30
Total or average.....	7,250	11,980	10,220	4,098	6,253	5,005	1.91	2.31	3.34
Spring:									
Florida.....	2,740	4,900	4,300	<sup>3</sup> 1,282	<sup>3</sup> 2,190	1,806	2.54	2.50	4.25
California.....	1,570	2,250	2,000	1,347	2,182	2,520	2.04	1.85	3.90
Total or average.....	4,300	7,150	6,300	2,629	4,372	4,326	2.29	2.17	4.05
Summer:									
New York.....	480	700	650	188	262	244	2.79	3.10	2.70
New Jersey.....	1,160	1,200	1,200	287	324	264	2.38	2.15	2.60
Ohio.....	1,190	890	890	538	423	222	2.24	3.00	3.30
Michigan.....	2,030	2,100	2,000	971	1,050	950	1.78	1.60	1.90
Indiana.....	26			10			1.26		
Oregon.....	500	440	280	273	233	185	1.70	1.50	2.70
Total or average.....	5,350	5,330	5,020	2,266	2,292	1,865	2.03	2.10	2.35
Early fall:									
New York.....	4,090	4,100	3,400	1,394	<sup>3</sup> 1,784	1,020	1.57	1.10	1.85
Pennsylvania.....	920	500	450	321	190	162	1.92	1.60	2.55
Ohio.....	900	660	560	344	280	168	2.04	1.75	3.20
Indiana.....	90	80		31	45		1.83	2.20	
Michigan.....	<sup>4</sup> 4,340	4,700	4,300	1,709	2,162	1,720	1.12	1.00	1.85
Colorado.....	1,310	1,500	1,200	443	<sup>3</sup> 510	408	2.34	2.20	3.30
Utah.....	480	950	680	<sup>3</sup> 170	<sup>3</sup> 618	456	1.68	1.55	2.35
Washington.....	510	700	560	275	<sup>3</sup> 385	314	1.21	1.25	1.60
Total or average.....	12,620	13,190	11,150	4,687	5,974	4,248	1.51	1.25	2.10
Late fall:									
California.....	10,300	10,000	9,400	3,170	4,300	4,512	2.06	1.80	2.00
Idaho.....	9			5			.78		
New Jersey.....	510	600	600	108	138	138	1.87	1.10	2.05
Total or average.....	10,820	10,600	10,000	3,283	4,438	4,650	1.96	1.78	2.00
United States.....	40,370	48,250	42,690	16,963	23,329	20,094	1.86	1.91	2.83

<sup>1</sup> Preliminary.

<sup>2</sup> Equivalent 1/2-size crates (approximately 65 pounds).

<sup>3</sup> Includes some quantities not harvested.

<sup>4</sup> First year of estimate, 1945.

Bureau of Agricultural Economics.

TABLE 304.—*Corn, sweet, commercial crop for processing: Acreage, yield, production, and season average price per ton received by farmers, and value, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production in hush		Price	Farm value	Year	Acreage harvested	Yield per acre	Production in hush		Price	Farm value
			Tons	Tons						Tons	Tons		
1929.....	359,800	1.96	706,900	13.09	9,254	1939.....	248,260	2.66	661,100	8.40	5,556		
1930.....	376,760	1.76	661,400	13.22	8,742	1940.....	317,200	2.31	731,500	8.81	6,447		
1931.....	358,030	2.19	785,100	11.06	6,681	1941.....	444,270	2.56	1,135,700	9.68	10,993		
1932.....	165,130	2.34	387,200	7.50	2,905	1942.....	485,610	2.64	1,282,500	13.44	17,236		
1933.....	199,670	1.97	394,300	8.01	3,159	1943.....	510,110	2.29	1,170,600	18.34	21,464		
1934.....	287,630	1.73	498,000	8.46	4,211	1944.....	489,920	2.13	1,043,500	19.33	20,175		
1935.....	401,610	2.14	859,900	9.31	8,007	1945.....	483,870	2.34	1,131,600	19.21	21,742		
1936.....	372,420	1.63	607,500	10.21	6,200	1946.....	500,910	2.48	1,241,800	19.85	24,651		
1937.....	438,810	2.23	978,100	11.56	11,311	1947 <sup>1</sup> .....	485,390	2.15	1,042,600	20.67	21,547		
1938.....	345,160	2.56	882,800	9.98	8,808								

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 357.

TABLE 305.—*Corn, sweet, commercial crop: Acreage, production, and season average price per 1,000 ears and per ton received by farmers, by States, and average 1936-45, annual 1946 and 1947*<sup>1</sup>

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
For fresh market:									
Summer:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 ears<sup>3</sup></i>	<i>1,000 ears<sup>3</sup></i>	<i>1,000 ears<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New Jersey.....	21,500	23,000	24,000	103,450	112,700	108,000	18.63	31.80	24.50
New York.....	23,350	30,800	34,000	119,989	160,160	170,000	15.72	29.70	21.00
Pennsylvania.....	11,500	10,000	9,900	456,650	47,000	47,520	17.29	27.50	24.60
Total 3 States.....	52,900	63,800	67,900	263,094	319,860	325,520	16.71	30.12	22.68
For processing:				<i>Tons<sup>5</sup></i>	<i>Tons<sup>5</sup></i>	<i>Tons<sup>5</sup></i>			
Maine.....	12,110	11,800	10,800	43,800	41,300	33,500	20.10	28.90	30.00
New Hampshire.....	480	410	390	1,800	1,600	1,600	19.60	27.70	30.50
Vermont.....	1,050	760	550	3,000	1,800	1,300	14.90	23.40	24.30
New York.....	22,590	27,500	22,200	51,500	66,000	46,600	14.10	19.90	19.60
Pennsylvania.....	12,230	12,200	11,600	24,800	22,000	23,200	14.30	20.70	22.30
Ohio.....	23,340	22,600	23,100	47,000	49,700	46,200	11.60	18.00	18.30
Indiana.....	47,130	32,000	44,500	77,800	64,000	89,000	13.20	20.80	19.40
Illinois.....	65,880	72,600	70,600	161,500	174,200	127,100	12.80	20.10	20.50
Michigan.....	4,250	3,300	3,000	5,200	4,600	3,000	13.20	18.10	18.10
Wisconsin.....	49,580	100,000	99,700	114,300	210,000	219,300	11.90	17.80	18.90
Minnesota.....	68,530	81,700	76,800	182,400	228,800	169,000	11.00	17.20	18.70
Iowa.....	41,230	42,400	35,100	93,800	123,000	42,100	11.10	18.70	18.80
Nebraska.....	2,530	2,400	2,100	4,500	6,200	2,700	9.50	19.10	18.10
Delaware.....	2,870	5,900	4,700	6,500	14,800	12,200	13.10	20.00	19.40
Maryland.....	37,360	39,500	37,700	77,700	86,900	82,900	13.90	20.00	20.60
Virginia.....	740	440	500	1,200	1,100	1,600	16.40	20.00	19.70
Idaho.....	3,310	9,000	8,600	10,600	30,600	29,200	13.50	23.60	22.00
Utah.....	4,970	2,900	4,600	3,300	9,900	17,900	15.50	23.00	22.30
Washington.....	6,260	15,800	12,000	22,100	56,900	43,200	15.50	25.30	27.10
Oregon.....	3,320	9,700	10,200	10,000	27,200	33,700	17.50	32.80	34.00
Other States <sup>6</sup> .....	7,900	8,000	6,650	20,000	21,200	17,300	12.90	17.76	18.47
Total or average.....	413,560	500,910	485,390	962,500	1,241,800	1,042,600	12.90	19.85	20.67

<sup>1</sup> Sweet corn for market is reported for 3 States only. Data are not available for other States where it is grown in commercial quantities for fresh market.

<sup>2</sup> Preliminary. <sup>3</sup> 1,000 ears weigh approximately 700 pounds.

<sup>4</sup> Average 1939-45 for Pennsylvania and 1937-45 for Utah. <sup>5</sup> Tonnage in husk.

<sup>6</sup> Arkansas, Colorado, Kansas, Montana, New Jersey, Oklahoma, South Dakota, Tennessee, Texas and Wyoming. Bureau of Agricultural Economics.

TABLE 306.—*Cucumbers, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47*

Year	For fresh market					For pickles					Pickle stocks on hand, Oct. 1 <sup>2</sup>
	Acreage har- vested	Yield per acre	Pro- duc- tion <sup>1</sup>	Price	Farm value	Acreage har- vested	Yield per acre	Pro- duc- tion	Price	Farm value	
	<i>Acres</i>	<i>Bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 bushels</i>
1929.....	45,990	109	5,002	1.56	7,816	78,180	49	3,798	0.81	3,086	5,146
1930.....	62,940	109	6,879	1.05	5,619	114,520	64	7,295	.79	5,784	7,955
1931.....	53,210	95	5,065	.78	3,846	82,470	67	5,547	.70	3,884	8,719
1932.....	48,100	87	4,200	.73	2,983	30,910	56	1,727	.50	857	6,406
1933.....	45,360	85	3,844	.76	2,914	54,660	63	3,459	.45	1,545	5,799
1934.....	47,030	92	4,332	.88	3,820	77,470	64	4,189	.47	1,961	5,539
1935.....	48,070	104	5,019	.80	3,825	86,970	55	4,788	.51	2,438	5,963
1936.....	48,350	88	4,262	.95	4,066	86,020	70	6,046	.56	3,387	6,507
1937.....	45,040	94	4,216	1.07	4,501	108,070	71	7,761	.60	4,619	8,518
1938.....	44,850	108	4,857	.80	3,856	82,290	74	6,093	.59	3,579	9,161
1939.....	45,260	112	5,059	.97	4,776	57,160	67	3,837	.58	2,222	6,790
1940.....	43,550	111	4,795	1.10	5,297	92,330	67	6,205	.58	3,603	6,985
1941.....	43,820	113	4,970	1.24	6,031	110,600	74	8,236	.68	5,626	7,995
1942.....	43,600	112	4,872	1.59	7,725	107,910	77	8,307	.80	6,605	8,651
1943.....	34,270	111	3,790	2.80	10,605	84,900	74	6,258	.94	5,909	7,008
1944.....	41,000	101	4,134	2.13	8,825	99,000	77	7,661	1.10	8,425	7,697
1945.....	46,900	118	5,527	2.49	13,773	101,390	79	7,993	1.18	8,424	7,966
1946.....	59,310	118	6,675	2.39	16,526	134,580	78	10,507	1.40	14,703	9,754
1947 <sup>4</sup> .....	58,850	106	6,263	2.19	13,259	125,570	81	10,111	1.30	13,258	10,380

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 1,551,000 bushels in 1930, 124,000 in 1931, 100,000 in 1932, 227,000 in 1935, 133,000 in 1939, 96,000 in 1941, 6,000 in 1945, 57,000 in 1946, and 210,000 in 1947.

<sup>2</sup> Stocks in hands of original salters of both salt and dill pickles sold and unsold, in tanks and barrels, on Oct. 1. <sup>3</sup> Approximately 48 pounds. <sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 360.



TABLE 307.—Cucumbers, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market:									
Winter: Florida.....	Acres <sup>2</sup> 400	Acres 800	Acres 350	1,000 bushels <sup>2</sup> <sup>2</sup> 28	1,000 bushels <sup>2</sup> 105	1,000 bushels <sup>2</sup> 35	Dollars <sup>3</sup> 6.30	Dollars 6.75	Dollars 9.50
Early spring:									
Florida.....	5,510	7,700	8,650	605	1,078	778	2.73	3.40	3.65
Texas.....	4,240	5,700	4,800	<sup>4</sup> 229	<sup>4</sup> 399	264	1.61	2.05	2.35
Total or average..	9,750	13,400	13,450	833	1,477	1,042	2.38	2.91	3.32
Late spring:									
Louisiana.....	610	1,000	800	55	100	56	1.28	1.65	1.65
Alabama.....	1,190	1,500	1,500	<sup>4</sup> 192	195	180	1.19	1.40	1.70
Georgia.....	1,290	1,700	1,500	94	170	100	1.20	1.55	1.80
South Carolina.....	5,210	7,000	7,000	<sup>4</sup> 366	770	<sup>4</sup> 700	1.49	1.70	1.40
North Carolina.....	4,050	6,300	7,400	284	504	592	1.81	2.20	1.75
Arkansas.....	600	1,500	1,500	61	150	150	1.06	1.90	1.40
California.....	1,960	2,400	2,400	484	540	624	1.54	1.90	2.00
Total or average..	14,920	21,400	22,100	1,535	2,429	2,402	1.36	1.82	1.71
Early summer:									
Virginia.....	210	150	150	20	21	16	1.08	2.00	.95
Maryland.....	2,970	3,900	3,700	396	585	444	.95	2.10	1.50
Delaware.....	1,310	1,000	1,000	155	150	125	.90	2.10	1.45
New Jersey.....	2,830	2,800	3,800	454	420	646	1.30	2.75	1.10
Illinois.....	2,030	2,050	2,200	197	184	165	1.29	2.00	2.20
Total or average..	9,360	9,900	10,850	1,222	1,360	1,396	1.12	2.29	1.39
Late summer:									
New York.....	4,530	5,360	5,600	579	750	756	1.33	1.90	1.85
Pennsylvania.....	<sup>3</sup> 700	750	600	<sup>3</sup> 140	128	108	<sup>3</sup> 1.70	2.60	1.60
Michigan.....	900	1,200	1,200	96	120	114	1.48	2.10	2.70
Total or average..	5,930	7,310	7,400	773	998	978	1.35	2.01	1.92
Early fall:									
Louisiana.....	980	1,200	700	87	144	42	1.67	2.00	2.90
Georgia.....	800	600	450	30	20	13	1.47	2.00	3.75
Total or average..	1,780	1,800	1,150	117	164	55	1.65	2.00	3.11
Late fall:									
Florida.....	1,860	4,700	3,550	<sup>4</sup> 164	442	355	3.01	4.10	4.85
United States.....	43,640	59,310	58,850	4,648	6,975	6,263	1.51	2.39	2.19

See footnotes at end of table.

TABLE 307.—*Cucumbers, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For pickles:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Massachusetts.....	730	950	840	97	91	123	.86	1.50	1.30
New York.....	800	1,450	1,100	70	115	57	.89	1.55	1.45
Ohio.....	3,940	2,300	2,700	201	126	200	.85	1.65	1.40
Indiana.....	5,260	6,300	7,300	271	410	321	.80	1.25	1.20
Illinois.....	1,500	900	1,000	86	86	48	.91	1.30	1.40
Michigan.....	25,650	42,900	35,600	1,653	2,445	2,172	.80	1.65	1.40
Wisconsin.....	13,170	20,100	18,900	984	1,427	1,852	.82	1.50	1.35
Minnesota.....	1,620	2,300	1,600	106	106	141	.69	1.25	1.20
Iowa.....	1,470	1,260	500	73	94	20	.64	1.15	1.05
Missouri.....	1,230	1,500	900	58	117	32	.79	1.50	1.50
Maryland.....	2,870	6,700	5,800	242	603	505	.70	1.35	1.25
Delaware.....	1,160	1,100	1,100	71	84	91	.80	1.70	1.50
Virginia.....	3,940	4,800	6,100	275	408	494	.79	1.15	1.25
North Carolina.....	5,480	6,800	7,400	443	456	644	.72	1.15	1.20
South Carolina.....	620	2,900	1,900	54	290	141	.62	1.20	.85
Georgia.....	2,290	8,500	6,000	152	502	354	.74	1.30	1.30
Louisiana.....	500	600	650	31	43	46	.61	1.45	1.30
Texas.....	5,030	1,600	4,800	245	104	312	.73	1.30	1.45
Colorado.....	1,590	2,500	2,300	287	432	430	.61	1.55	1.20
Washington.....	420	1,200	800	75	268	194	.86	1.50	1.25
Oregon.....	1,050	1,650	1,000	181	295	212	.81	1.50	1.50
California.....	2,550	4,230	2,020	621	1,206	697	.70	1.15	1.10
Other States <sup>3</sup> .....	10,100	12,040	15,260	564	799	1,025	.64	1.15	1.40
Total or average..	92,970	134,580	125,570	8,840	10,507	10,111	.76	1.40	1.30
Grand total.....	136,610	193,890	184,420	11,488	17,482	16,374	1.07	1.80	1.64

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 48 pounds.<sup>3</sup> Average: Florida—1945, first year of estimate; 1939-45 for Pennsylvania.<sup>4</sup> Includes some quantities not harvested.<sup>5</sup> Alabama, Arizona, Arkansas, Connecticut, Florida, Kansas, Kentucky, Maine, Mississippi, Nebraska, New Jersey, Oklahoma, Pennsylvania, South Dakota, Tennessee, and Utah.

Bureau of Agricultural Economics.

TABLE 308.—*Eggplant, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Bu.<sup>2</sup></i>	<i>1,000 bu.<sup>2</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>		<i>Acres</i>	<i>Bu.<sup>2</sup></i>	<i>1,000 bu.<sup>2</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>
1929.....	4,090	241	986	1.06	1,049	1939.....	4,600	218	1,003	0.68	679
1930.....	4,400	199	876	.76	665	1940.....	3,700	205	758	.88	664
1931.....	3,750	234	876	.80	704	1941.....	4,750	219	1,040	.84	876
1932.....	4,100	220	903	.59	537	1942.....	4,050	228	922	1.21	1,118
1933.....	4,050	205	832	.59	491	1943.....	5,250	217	1,140	1.98	2,255
1934.....	3,850	201	775	.52	406	1944.....	5,850	237	1,386	1.40	1,812
1935.....	3,030	220	666	.83	550	1945.....	6,050	254	1,538	1.93	2,842
1936.....	3,700	259	960	.50	477	1946.....	6,800	265	1,804	1.53	2,481
1937.....	3,650	221	806	.82	661	1947 <sup>3</sup> .....	5,550	197	1,091	1.86	2,030
1938.....	4,350	247	1,073	.56	604						

<sup>1</sup> Includes some quantities not harvested and excluded in computing value: 90,000 bushels in 1944, 62,000 in 1945, and 178,000 in 1946.<sup>2</sup> Approximately 33 pounds.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1921-28 in Agricultural Statistics, 1942, table 362.

TABLE 309.—*Eggplant, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i> <sup>3</sup> 480	<i>Acres</i> 1,100	<i>Acres</i> 900	<i>1,000 bushels</i> <sup>2</sup> <sup>3</sup> 4 180	<i>1,000 bushels</i> <sup>2</sup> 427	<i>1,000 bushels</i> <sup>2</sup> 216	<i>Dollars</i> <sup>3</sup> 1.93	<i>Dollars</i> 2.10	<i>Dollars</i> 2.15
Winter: Florida.....									
Spring: Florida.....	820	1,700	1,400	4 289	4 672	280	1.22	1.10	2.30
Summer:									
Louisiana.....	550	400	350	77	54	49	1.02	1.60	1.45
New Jersey.....	1,410	1,700	1,700	359	357	400	.77	1.30	1.35
Total or average.....	1,960	2,100	2,050	436	411	449	.81	1.34	1.36
Fall:									
Florida.....	1,030	1,200	500	4 167	186	38	1.48	1.90	3.35
Texas.....	490	700	700	62	108	108	.86	1.45	1.70
Total or average.....	1,520	1,900	1,200	229	294	146	1.26	1.73	2.13
United States.....	4,600	6,800	5,550	1,063	1,804	1,091	1.08	1.53	1.86

<sup>1</sup> Preliminary.<sup>3</sup> Average 1940-45.<sup>2</sup> Approximately 33 pounds.<sup>4</sup> Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 310.—*Escarole, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Florida, 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Bu.</i> <sup>2</sup>	<i>1,000 bu.</i> <sup>2</sup>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bu.</i> <sup>2</sup>	<i>1,000 bu.</i> <sup>2</sup>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	500	902	451	0.51	230	1939.....	1,000	645	645	0.41	264
1930.....	450	1,113	501	.91	456	1940.....	1,350	589	795	.38	302
1931.....	850	632	537	.39	209	1941.....	1,000	554	554	.66	366
1932.....	700	479	335	.61	204	1942.....	1,200	596	715	.47	336
1933.....	700	843	590	.36	212	1943.....	1,450	518	751	1.52	1,142
1934.....	700	932	652	.41	267	1944.....	2,350	629	1,478	.78	647
1935.....	650	648	421	.57	240	1945.....	2,800	459	1,285	1.45	1,382
1936.....	700	726	508	.41	208	1936.....	2,500	554	1,385	.80	875
1937.....	900	667	600	.51	306	1947 <sup>3</sup> .....	2,700	355	958	1.35	1,293
1938.....	1,000	680	680	.30	204						

<sup>1</sup> Includes the following quantities not harvested and included in computing value: 649,000 bushels in 1944; 332,000 in 1945, and 291,000 in 1946.<sup>2</sup> Approximately 25 pounds.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 311.—*Garlic, commercial crop: Acreage, yield, production, season average price per sack received by farmers, and value, 3 States, 1932-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Sacks</i> <sup>1</sup>	<i>1,000 sacks</i> <sup>1</sup>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Sacks</i> <sup>1</sup>	<i>1,000 sacks</i> <sup>1</sup>	<i>Dollars</i>	<i>1,000 dollars</i>
1932.....	4,500	30.9	139	2.61	363	1940.....	3,890	36.5	142	7.43	1,055
1933.....	4,110	29.9	123	3.22	396	1941.....	3,980	38.9	155	9.63	1,492
1934.....	3,600	34.4	124	3.65	453	1942.....	4,820	45.0	217	4.18	906
1935.....	3,150	38.9	123	3.97	488	1943.....	3,350	39.1	131	10.40	1,363
1936.....	3,900	38.2	149	4.11	613	1944.....	3,400	44.1	150	16.16	2,425
1937.....	4,250	44.0	187	2.68	501	1945.....	3,400	52.1	177	18.25	3,230
1938.....	4,460	40.8	182	3.01	547	1946.....	4,150	49.2	204	13.67	2,788
1939.....	4,300	41.6	179	3.15	563	1947 <sup>2</sup> .....	4,180	45.0	188	9.70	1,823

<sup>1</sup> Equivalent 100-pound sacks.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 312.—*Garlic, commercial crop: Acreage, production, and season average price per sack received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Spring:									
Louisiana.....	820	900	900	11	11	12	5.98	20.00	13.50
Texas.....	980	400	500	14	8	9	3.47	6.50	6.50
Total or average.....	1,800	1,300	1,400	26	19	21	4.74	14.32	10.48
Summer: California.....	2,170	2,850	2,780	141	185	167	8.46	13.60	9.60
Total, 3 States.....	3,980	4,150	4,180	167	204	188	7.90	13.67	9.70

<sup>1</sup> Preliminary.

<sup>2</sup> Equivalent 100-pound sacks.

Bureau of Agricultural Economics.

TABLE 313.—*Honey Ball melons, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, 2 States, 1929-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>1</sup></i>	<i>1,000 crates<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>1</sup></i>	<i>1,000 crates<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	5,150	110	567	1.66	944	1939.....	3,380	93	314	1.46	459
1930.....	7,230	124	897	1.73	1,552	1940.....	4,020	72	290	2.05	594
1931.....	7,280	137	999	1.05	1,050	1941.....	3,560	96	343	1.77	608
1932.....	6,350	120	<sup>2</sup> 761	1.04	641	1942.....	2,690	121	326	2.64	860
1933.....	7,470	95	<sup>2</sup> 707	1.11	693	1943.....	950	120	114	7.00	798
1934.....	2,750	138	380	1.52	577	1944.....	1,040	141	147	4.08	600
1935.....	3,980	122	486	1.11	540	1945.....	1,680	129	216	3.54	765
1936.....	3,260	130	424	1.35	571	1946.....	2,000	96	193	3.88	748
1937.....	3,320	139	463	1.44	669	1947 <sup>3</sup> .....	640	110	70	5.10	357
1938.....	2,470	133	328	1.68	552						

<sup>1</sup> Equivalent jumbo crates (approximately 70 pounds).

<sup>2</sup> Includes 144,000 crates in 1932 and 81,000 in 1933 not harvested and excluded in computing value.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 314.—*Honey Ball melons, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Spring: California.....	2,290	1,750	640	250	158	70	2.72	4.10	5.10
Summer:									
California.....	310	250	-----	42	35	-----	1.90	2.85	-----
Arizona.....	40	-----	-----	4	-----	-----	1.86	-----	-----
Total or average.....	350	250	-----	46	35	-----	1.90	2.86	-----
United States.....	2,640	2,000	640	297	193	70	2.70	3.88	5.10

<sup>1</sup> Preliminary.

<sup>2</sup> Equivalent jumbo crates (approximately 70 pounds).

Bureau of Agricultural Economics.

TABLE 315.—*Honey Dew melons, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>1</sup></i>	<i>1,000 crates<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>1</sup></i>	<i>1,000 crates<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	12,680	341	4,327	0.56	2,419	1939	13,350	235	3,137	0.64	2,021
1930	15,110	274	4,135	.88	3,634	1940	14,360	169	2,428	.93	2,266
1931	15,200	294	4,462	.52	2,216	1941	11,320	236	2,667	.90	2,394
1932	16,400	302	4,957	.43	1,440	1942	8,780	242	2,126	1.52	3,225
1933	10,650	266	2,838	.58	1,401	1943	8,480	303	2,570	2.63	6,765
1934	8,150	323	2,634	.74	1,945	1944	12,990	255	3,311	1.80	5,949
1935	12,110	268	3,249	.57	1,836	1945	17,350	251	4,356	1.89	8,237
1936	12,780	269	3,432	.60	2,049	1946	21,740	211	4,591	1.76	8,091
1937	13,320	285	3,792	.60	2,270	1947 <sup>3</sup>	15,970	209	3,340	2.02	6,741
1938	12,310	250	3,072	.64	1,970						

<sup>1</sup> Equivalent standard Honey Dew crates (approximately 35 pounds).

<sup>2</sup> Includes 239,000 crates in 1931; 1,612,000 in 1932, and 438,000 in 1933 not harvested and excluded in computing value.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 316.—*Honey Dew melons, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Spring: California	3,960	3,500	2,940	990	560	294	1.34	2.20	2.30
Summer:									
Arizona	1,650	4,500	3,300	468	1,215	874	1.30	1.85	1.90
California	4,450	12,500	9,100	1,220	2,625	2,048	1.21	1.65	2.05
Colorado	2,290	500	350	378	50	54	.95	1.35	1.75
Kansas	3,780	740	280	3 163	141	70	3 1.52	1.50	1.60
Total or average	8,550	18,240	13,030	2,099	4,031	3,046	1.19	1.70	1.99
United States	12,500	21,740	15,970	3,089	4,591	3,340	1.22	1.76	2.02

<sup>1</sup> Preliminary.

<sup>2</sup> Equivalent standard Honey Dew crates (approximately 35 pounds).

<sup>3</sup> Average, 1944-45.

Bureau of Agricultural Economics.

TABLE 317.—*Kale, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Virginia, 1929-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bu.<sup>1</sup></i>	<i>1,000 bu.<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bu.<sup>1</sup></i>	<i>1,000 bu.<sup>1</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	1,800	450	810	0.35	284	1939	1,800	450	810	.25	202
1930	1,800	410	738	.40	295	1940	1,400	260	364	.40	146
1931	2,400	230	552	.50	276	1941	1,700	520	884	.23	203
1932	1,800	600	1,080	.20	216	1942	1,600	275	440	.55	242
1933	1,800	500	900	.35	315	1943	1,650	445	734	.85	624
1934	2,300	185	426	.40	170	1944	2,350	350	822	.64	526
1935	2,000	200	400	.35	140	1945	1,900	350	665	.65	432
1936	1,600	275	440	.30	132	1946	1,700	327	556	.85	473
1937	1,300	410	533	.30	160	1947 <sup>2</sup>	1,800	390	702	.60	421
1938	1,400	490	686	.30	206						

<sup>1</sup> Approximately 18 pounds.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1928 in Agricultural Statistics, 1942, table 366.

TABLE 318.—Lettuce, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1936-45, annual 1946 and 1947

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
Winter:									
Arizona.....	Acres 14,640	Acres 24,300	Acres 21,200	1,000 crates <sup>2</sup> 2,025	1,000 crates <sup>2</sup> 3,038	1,000 crates <sup>2</sup> 3,201	Dollars 2.06	Dollars 3.00	Dollars 3.15
California.....	20,480	29,500	27,000	<sup>3</sup> 3,468	6,048	5,265	1.90	2.75	3.40
Florida.....	1,530	1,500	2,050	<sup>2</sup> 217	<sup>2</sup> 301	244	1.97	3.22	2.89
Iceberg.....	<sup>4</sup> 1,160	950	1,300	<sup>3</sup> 4129	<sup>3</sup> 159	150	<sup>4</sup> 2.57	3.40	2.95
Boston.....	<sup>4</sup> 710	550	750	<sup>3</sup> 4115	<sup>3</sup> 142	94	<sup>4</sup> 2.15	3.00	2.80
Total or average.....	36,650	55,300	50,250	5,710	9,387	8,710	1.96	2.84	3.29
Early spring:									
Arizona.....	19,800	26,900	22,200	<sup>3</sup> 2,870	3,497	3,730	2.16	2.65	2.65
California.....	28,680	33,100	27,200	3,481	4,303	5,032	2.25	2.45	4.00
Florida.....	<sup>4</sup> 330	350	150	<sup>1</sup> 32	<sup>1</sup> 55	21	<sup>4</sup> 2.94	4.25	2.35
Georgia.....	<sup>4</sup> 370	750	650	<sup>1</sup> 35	<sup>3</sup> 80	45	<sup>4</sup> 3.38	2.75	5.00
South Carolina.....	740	1,700	1,000	88	<sup>3</sup> 204	60	2.45	2.15	3.40
North Carolina.....	1,320	1,400	1,200	<sup>3</sup> 112	<sup>3</sup> 252	72	2.52	1.50	4.50
Total or average.....	51,020	64,200	52,400	6,598	8,391	8,960	2.22	2.53	3.43
Late spring:									
Virginia.....	150			13			1.86		
New Jersey.....	1,550	2,100	2,200	<sup>3</sup> 362	525	550	1.73	4.45	3.00
Pennsylvania.....	330	380	400	49	57	60	2.40	3.75	3.45
Idaho.....	450	1,200	800	63	<sup>3</sup> 180	104	1.40	.95	.95
Oregon.....	520	1,350	1,000	60	<sup>3</sup> 223	<sup>3</sup> 170	1.50	1.65	1.30
Washington.....	1,720	1,500	1,650	<sup>3</sup> 379	330	404	1.51	2.20	2.10
Total or average.....	4,720	6,530	6,050	926	1,315	1,288	1.60	2.93	2.37
Summer:									
California.....	21,490	26,700	22,400	3,868	6,008	6,160	2.21	2.50	3.50
Colorado.....	3,840	4,300	4,600	402	452	575	1.49	1.80	2.75
New York.....	3,940	4,400	4,400	879	990	880	1.69	2.35	2.75
Total or average.....	29,260	35,400	31,400	5,148	7,450	7,615	2.06	2.44	3.36
Fall:									
California.....	28,890	35,200	37,800	4,440	5,808	6,237	2.13	2.75	3.00
Oregon.....	1,600	2,800	2,900	<sup>3</sup> 181	<sup>3</sup> 420	<sup>3</sup> 435	1.18	1.20	1.15
Washington.....	690	800	900	<sup>3</sup> 124	180	207	1.60	2.40	1.80
Idaho.....	2,510	4,700	5,600	285	<sup>3</sup> 658	<sup>3</sup> 616	1.08	.90	1.00
New Mexico.....	390	400	300	39	52	45	2.04	2.50	2.75
New Jersey.....	680	700	600	125	140	141	1.52	2.20	1.85
Total or average.....	34,760	44,600	48,100	5,194	7,258	7,681	2.01	2.49	2.72
United States.....	156,420	206,030	188,200	23,575	33,801	34,254	2.05	2.60	3.18

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent western crates (approximately 70 pounds).<sup>3</sup> Includes some quantities not harvested.<sup>4</sup> Average 1939-45.

Bureau of Agricultural Economics.

TABLE 319.—Lettuce, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-47

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates<sup>2</sup></i>	<i>1,000 crates<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	139,860	143	19,989	1.84	36,784	1939	165,700	141	23,362	1.38	30,294
1930	171,580	116	19,820	1.72	34,016	1940	143,470	154	22,095	1.48	31,526
1931	173,300	112	19,344	1.48	28,647	1941	156,980	147	23,049	1.67	38,542
1932	162,650	110	17,855	1.29	22,442	1942	156,290	150	23,427	2.54	59,431
1933	141,350	123	17,380	1.30	22,448	1943	137,200	178	24,465	3.31	80,861
1934	155,630	123	19,106	1.40	26,251	1944	167,880	170	28,575	2.61	74,034
1935	151,720	127	19,253	1.46	28,142	1945	172,850	170	29,406	2.93	86,059
1936	164,530	128	21,104	1.46	29,994	1946	206,030	164	33,801	2.60	85,686
1937	151,750	137	20,740	1.58	32,666	1947 <sup>3</sup>	188,200	182	34,254	3.18	108,367
1938	147,540	130	19,195	1.52	28,756						

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 471,000 crates in 1932, 90,000 in 1933, 300,000 in 1934, 501,000 in 1936, 110,000 in 1937, 282,000 in 1938, 1,397,000 in 1939, 735,000 in 1940, 42,000 in 1943, 173,000 in 1944, 29,000 in 1945, 831,000 in 1946, and 202,000 in 1947.

<sup>2</sup> Equivalent western crates (approximately 70 pounds).

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 367.

TABLE 320.—Onions, commercial crop: Stocks, acreage, yield, production, season average price per 50-pound sack received by farmers, value, and foreign trade, United States, 1929-47

Year	Stocks Jan. 1 <sup>1</sup>	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Foreign trade, year beginning July <sup>3</sup>	
							Domestic exports	Imports
	<i>1,000 sacks<sup>4</sup></i>	<i>Acres</i>	<i>Sacks<sup>4</sup></i>	<i>1,000 sacks<sup>4</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 sacks<sup>4</sup></i>	<i>1,000 sacks<sup>4</sup></i>
1929	4,046	104,190	292	30,468	0.74	22,438	700	1,046
1930	6,830	96,450	319	30,785	.48	14,765	690	244
1931	7,228	101,890	224	22,827	.93	20,502	360	758
1932	3,832	124,950	250	31,298	.41	12,222	616	84
1933	8,272	107,560	235	25,241	.64	16,142	428	92
1934	6,288	116,780	233	27,203	.67	18,200	348	288
1935	6,096	146,370	202	29,529	.71	20,533	786	82
1936	7,378	175,280	198	34,688	.43	13,961	836	116
1937	7,478	136,710	221	30,240	.66	19,608	958	78
1938	6,498	140,770	219	30,846	.55	16,553	914	94
1939	7,166	132,910	273	36,311	.44	15,689	1,032	74
1940	8,592	110,390	288	31,745	.69	21,859	1,052	30
1941	8,270	98,510	308	30,373	1.13	34,218	1,114	104
1942	6,834	134,620	279	37,563	1.00	36,259	700	252
1943	8,332	110,340	272	29,974	1.67	50,149	803	154
1944	5,738	178,640	262	46,753	1.17	53,553	844	55
1945	11,519	141,200	259	36,594	1.66	60,360	1,456	457
1946	5,925	162,640	313	50,878	.89	42,985	2,458	166
1947 <sup>5</sup>	10,944	120,130	306	36,768	1.70	62,413	-----	-----

<sup>1</sup> In the hands of growers and local dealers, from crop of preceding year.

<sup>2</sup> Includes the following quantities not harvested and excluded in computing value: 166,000 sacks in 1929, 86,000 in 1930, 727,000 in 1931, 1,500,000 in 1932, 198,000 in 1934, 534,000 in 1935, 1,849,000 in 1936, 491,000 in 1937, 984,000 in 1938, 609,000 in 1939, 1,217,000 in 1942, 1,154,000 in 1944, 248,000 in 1945, and 2,646,000 in 1946.

<sup>3</sup> Reported in bushels or pounds, converted to sacks at ratio of 57 pounds per bushel and 50 pounds per sack.

<sup>4</sup> Equivalent 50-pound sacks.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 370; quantities and prices are as of 100-pound sacks in that table.

TABLE 321.—Onions, commercial crop: Acreage, production, and season average price per 50-pound sack received by farmers, by States, average 1936-45, annual 1946 and 1947

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>1,000 sacks<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Early spring: Texas.....	48,090	58,300	36,400	<sup>3</sup> 3,845	4,956	4,004	1.22	1.75	1.30
Late spring:									
California.....	1,730	6,400	4,400	<sup>3</sup> 604	<sup>3</sup> 3,168	2,552	1.17	1.30	1.25
Arizona.....	<sup>4</sup> 1,130	1,300	500	<sup>4</sup> 269	390	310	<sup>4</sup> 2.03	1.70	1.35
Louisiana.....	1,670	2,000	1,800	171	190	162	1.26	2.20	1.70
Texas.....	15,400	12,600	11,200	<sup>3</sup> 1,270	1,323	1,019	1.09	1.35	1.50
Georgia.....	<sup>4</sup> 1,240	1,000	900	<sup>3</sup> <sup>4</sup> 184	140	108	<sup>4</sup> 1.55	1.70	1.35
Total or average.....	20,010	23,300	18,800	2,253	5,211	4,151	1.14	1.39	1.34
Early summer:									
California.....	1,900	( <sup>5</sup> )	( <sup>5</sup> )	<sup>3</sup> 856	( <sup>5</sup> )	( <sup>5</sup> )	.94	( <sup>5</sup> )	( <sup>5</sup> )
New Mexico.....	<sup>4</sup> 370	1,900	400	<sup>4</sup> 146	532	160	<sup>4</sup> 1.98	1.00	1.05
Washington.....	540	650	600	264	292	312	.70	.65	1.30
Iowa.....	480	400	370	154	200	130	1.03	.70	2.35
Oklahoma.....	1,110	1,650	500	100	<sup>3</sup> 132	42	.89	.50	1.15
Kentucky.....	160	100	-----	35	22	-----	1.17	.70	-----
Virginia.....	720	480	450	106	<sup>3</sup> 86	40	1.22	1.00	2.15
New Jersey.....	2,770	2,800	2,500	665	840	650	1.20	1.00	1.80
Total or average.....	7,790	7,980	4,820	2,223	2,104	1,334	1.01	.89	1.64
Late summer:									
Massachusetts.....	2,040	1,200	900	<sup>3</sup> 896	624	472	.94	.70	1.90
New York.....	13,790	15,400	14,000	<sup>3</sup> 6,387	8,624	4,900	1.12	.75	2.10
Pennsylvania.....	380	400	400	122	148	140	1.16	1.25	1.90
Eastern.....	16,200	17,000	15,300	7,405	9,396	5,512	1.10	.75	2.08
Ohio.....	1,530	870	700	514	435	200	1.10	.90	2.30
Indiana.....	2,500	2,100	1,800	977	1,071	846	.97	.65	2.80
Illinois.....	2,280	2,700	2,600	605	864	780	.97	.80	1.90
Michigan.....	9,100	8,600	8,000	3,372	4,730	3,400	1.04	.70	2.20
Wisconsin.....	1,500	2,100	2,100	<sup>3</sup> 558	966	892	.91	.75	1.90
Minnesota.....	3,470	4,400	3,600	1,284	2,200	1,440	.83	.60	2.30
Iowa.....	540	340	380	223	170	228	.82	.65	2.00
Kansas.....	<sup>4</sup> 150	400	180	<sup>3</sup> <sup>4</sup> 90	128	63	<sup>4</sup> 1.02	.75	2.20
Central.....	20,960	21,510	19,360	7,551	10,564	7,849	.97	.69	2.22
Colorado.....	7,910	13,500	11,300	3,791	<sup>3</sup> 7,290	5,650	.72	.60	1.50
Utah.....	1,360	1,500	1,000	653	765	600	.70	.95	2.50
Nevada.....	270	650	550	123	422	330	.84	.85	2.00
California.....	5,200	8,450	4,500	2,134	3,634	1,958	.83	.90	1.75
Idaho.....	3,360	3,700	2,400	<sup>3</sup> 2,020	<sup>3</sup> 2,405	1,860	.55	.50	1.10
Oregon.....	3,500	5,400	4,600	<sup>3</sup> 1,881	<sup>3</sup> 3,402	2,926	.79	.66	1.28
Malheur County.....	<sup>4</sup> 1,960	3,000	2,400	<sup>3</sup> <sup>4</sup> 1,288	<sup>3</sup> 2,010	1,848	<sup>4</sup> .86	.50	1.15
Other.....	<sup>4</sup> 2,220	2,400	2,200	<sup>4</sup> 1,071	1,392	1,078	<sup>4</sup> 1.35	.85	1.50
Washington.....	1,160	1,350	1,100	599	729	594	.65	.50	1.30
Arizona.....	<sup>4</sup> 700	-----	-----	<sup>4</sup> 157	-----	-----	<sup>4</sup> .97	-----	-----
Western.....	22,900	34,550	25,450	11,232	18,647	13,918	.72	.68	1.48
Total or average.....	60,050	73,060	60,110	26,188	38,607	27,279	.88	.71	1.81
United States.....	135,940	162,640	120,130	34,509	50,878	36,768	.94	.89	1.70

<sup>1</sup> Preliminary.<sup>2</sup> Equivalent 50-pound sacks.<sup>3</sup> Includes some quantities not harvested.<sup>4</sup> Average 1943-45 for Arizona and New Mexico; 1939-45 for Georgia; and 1944-45 for Kansas.<sup>5</sup> Shifted to late spring, starting with 1946 crop.

Bureau of Agricultural Economics.



TABLE 322.—*Peas, green, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market					For processing				
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Pounds<sup>3</sup></i>	<i>Tons<sup>3</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	64,150	85	5,480	1.66	9,102	232,920	1,750	203,810	57.82	11,784
1930	80,380	86	6,925	1.45	9,862	266,740	1,833	244,470	57.57	14,075
1931	84,350	77	6,457	1.43	9,218	223,350	1,320	147,400	54.53	8,038
1932	111,460	69	7,652	1.25	9,401	187,800	1,245	116,930	43.92	5,135
1933	109,020	84	9,142	.93	8,315	217,430	1,260	136,980	42.48	5,819
1934	97,460	77	7,491	1.38	10,303	249,870	1,324	165,370	50.09	8,288
1935	111,150	79	8,826	1.12	9,779	315,040	1,702	268,100	51.80	13,888
1936	128,720	71	9,189	1.17	10,787	296,850	1,264	187,670	51.57	9,679
1937	111,470	78	8,687	1.14	9,884	334,820	1,602	268,110	52.72	14,136
1938	95,420	83	7,928	1.22	9,698	322,360	1,877	302,540	52.77	15,965
1939	101,400	91	9,229	1.13	10,389	252,430	1,570	198,110	47.25	9,361
1940	92,620	90	8,329	1.11	9,176	330,440	1,854	306,240	48.10	14,730
1941	85,550	93	7,964	1.26	10,072	361,390	1,913	345,620	48.67	16,821
1942	70,980	92	6,557	1.61	10,572	434,120	1,953	423,910	63.71	27,007
1943	63,000	97	6,092	2.30	13,951	432,980	1,903	411,890	80.24	33,051
1944	73,340	84	6,148	2.07	12,617	437,150	1,771	387,200	83.14	32,190
1945	68,630	88	6,045	2.52	14,995	453,240	2,191	496,620	83.26	41,347
1946	6 <sup>4</sup> ,610	84	5,275	2.04	10,609	493,000	2,119	522,270	86.13	44,982
1947 <sup>4</sup>	44,600	98	4,373	2.17	9,471	427,660	2,043	436,940	87.30	38,158

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 110,000 bushels in 1930, 104,000 in 1932, 210,000 in 1933, 117,000 in 1935, 16,000 in 1939, 75,000 in 1940, 24,000 in 1943, 39,000 in 1944, 90,000 in 1945, and 79,000 in 1946.

<sup>2</sup> Approximately 30 pounds, in the shell.

<sup>3</sup> Shelled basis. Two and one-half pounds of peas in the shell produce approximately one pound of shelled peas.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 375.

TABLE 323.—*Peas, green, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market:									
Winter:				<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Florida.....	4,370	1,600	1,350	<sup>3</sup> 307	<sup>2</sup> 118	54	1.84	3.00	2.50
Texas.....	4,470	4,000	2,000	265	172	120	1.32	1.80	1.65
California, Imperial Valley.....	5,970	5,800	4,000	519	464	340	2.38	3.10	2.75
Total or average...	14,810	11,400	7,350	1,091	754	514	1.92	2.79	2.47
Early spring:									
California.....	26,090	19,600	12,000	1,986	1,666	1,440	1.70	1.80	2.30
Alabama.....	40			3			1.10		
Mississippi.....	1,630	500	300	<sup>3</sup> 105	28	15	1.30	2.10	2.55
Georgia.....	<sup>4</sup> 1,690	700	600	<sup>4</sup> 93	40	30	<sup>4</sup> 1.70	1.45	2.15
South Carolina.....	3,240	1,500	1,200	154	105	60	1.23	1.25	1.60
North Carolina.....	2,110	200	100	<sup>5</sup> 126	15	5	1.12	1.30	1.60
Virginia.....	1,220			74			.94		
Total or average.....	35,500	22,500	14,200	2,513	1,854	1,550	1.59	1.76	2.27

See footnotes at end of table.

TABLE 323.—Peas, green, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market—Con.									
Late spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maryland.....	190			10			1.26		
New Jersey.....	1,930	1,100	1,000	116	88	35	1.68	2.20	2.40
Idaho.....	1,830	2,500	1,200	211	312	168	.78	.60	1.00
Washington.....	2,400	1,350	1,700	482	256	374	1.24	1.40	2.10
Nevada.....	430			45			4.35		
New Mexico.....	450	400	100	46	20	7	5.00	1.80	2.10
Oregon.....		1,000	650		130	110		2.10	2.35
Total or average.....	6,370	6,350	4,650	823	806	694	1.15	1.72	1.85
Summer:									
New York.....	4,860	3,200	2,200	477	384	242	1.51	2.05	2.65
Colorado.....	11,400	12,000	10,000	1,162	900	900	1.06	1.55	1.50
Utah.....	660	60		80	4		1.08	2.50	
Idaho.....	2,800	300	300	244	15	21	1.10	.30	.50
Oregon.....	860			101			1.64		
Total or average.....	20,570	15,560	12,500	2,063	1,303	1,163	1.18	1.69	1.72
Early fall:									
California, other	8,000	3,000	3,600	937	330	360	2.20	3.45	3.00
New Mexico.....	360			25			1.45		
Arizona.....	150			18			1.51		
Total or average.....	8,520	3,000	3,600	980	330	360	2.18	3.45	3.00
Late fall: California, Imperial Valley.....	3,340	3,800	2,300	147	228	92	2.36	2.90	3.50
United States.....	89,110	62,610	44,600	7,617	5,275	4,373	1.54	2.04	2.17
For processing:				<i>Tons<sup>5</sup></i>	<i>Tons<sup>5</sup></i>	<i>Tons<sup>5</sup></i>			
Maine.....	4,500	6,860	6,580	3,940	4,600	4,340	67.20	90.00	85.60
New York.....	36,860	40,600	19,900	28,500	49,130	15,820	66.40	88.90	82.80
New Jersey.....	3,940	4,750	4,470	3,400	5,890	3,580	86.50	115.00	108.00
Pennsylvania.....	10,820	18,200	15,300	10,800	27,660	16,600	69.10	89.90	93.80
Ohio.....	5,810	6,700	2,400	4,190	6,300	1,340	56.00	81.00	77.50
Indiana.....	9,600	7,900	3,200	7,260	8,220	2,460	53.90	86.60	77.60
Illinois.....	17,820	21,300	17,900	16,170	21,300	22,910	63.20	87.60	90.70
Michigan.....	11,280	12,000	7,000	8,710	11,640	3,850	58.10	80.50	79.90
Wisconsin.....	119,340	147,220	136,500	102,550	153,110	144,010	60.60	83.70	83.10
Minnesota.....	28,320	41,300	42,700	25,460	37,380	40,350	60.80	90.70	91.90
Iowa.....	2,950	4,900	3,600	2,690	5,710	1,950	60.70	80.40	81.30
Maryland.....	15,160	12,200	11,400	12,520	15,130	9,920	67.00	91.10	83.90
Delaware.....	3,460	3,400	1,400	2,080	3,770	750	67.30	91.20	95.70
Virginia.....	3,900	2,600	2,000	2,600	1,860	950	66.30	89.50	86.10
Idaho.....	1,870	6,400	8,400	2,860	7,040	12,180	58.00	82.50	93.80
Colorado.....	4,110	4,100	4,000	3,800	2,910	4,280	51.50	73.10	77.80
Utah.....	13,900	13,700	11,800	19,090	17,260	19,060	58.30	76.50	86.90
Washington.....	32,820	66,300	61,100	35,630	73,590	62,020	60.80	91.10	97.80
Oregon.....	27,640	58,400	57,000	29,960	57,520	60,990	58.20	81.10	83.20
California.....	3,580	6,690	4,160	3,170	5,620	3,890	51.10	77.30	76.80
Other States <sup>6</sup> .....	7,900	7,480	6,850	7,410	6,630	5,630	56.38	81.60	81.20
Total or average.....	365,580	493,000	427,660	332,790	522,270	436,940	61.14	86.13	87.30
For freezing.....	41,380	92,700	78,840	36,750	94,120	74,930	74.14	93.36	94.13
For canning and other processing.....	344,580	400,300	348,820	330,340	428,150	362,010	63.90	84.54	85.92
Grand total.....	454,690	555,610	472,260	378,490	553,920	463,180	86.06	100.25	102.83

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 30 pounds, in the shell.<sup>3</sup> Includes some quantities not harvested.<sup>4</sup> Average 1939-45 for Georgia; less than 10 years for other States.<sup>5</sup> Shelled basis. Two and one-half pounds of peas in the shell produce approximately one pound of shelled peas.<sup>6</sup> Arkansas, Georgia, Kansas, Montana, Nebraska, Oklahoma, Tennessee, Texas, and Wyoming.<sup>7</sup> Average 1939-45.<sup>8</sup> Derived price per ton on shelled basis.

Bureau of Agricultural Economics.

TABLE 324.—Peppers, green, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	16,400	230	3,775	1.11	4,191	1939.....	23,280	247	5,740	0.86	4,917
1930.....	19,590	221	4,335	.94	4,055	1940.....	22,210	227	5,042	.86	4,321
1931.....	17,900	252	4,507	.77	3,443	1941.....	23,920	204	4,874	.95	4,651
1932.....	17,020	224	3,819	.72	2,747	1942.....	21,330	230	4,896	1.30	6,345
1933.....	18,650	251	4,674	.52	2,418	1943.....	23,440	206	4,828	2.31	11,154
1934.....	18,350	199	3,648	.67	2,442	1944.....	25,700	211	5,414	1.73	9,259
1935.....	17,870	206	3,680	.76	2,814	1945.....	28,230	232	6,563	2.03	13,322
1936.....	20,320	233	4,735	.62	2,874	1946.....	32,800	231	7,572	1.80	12,938
1937.....	20,600	233	4,805	.73	3,518	1947 <sup>3</sup> .....	30,550	193	5,895	2.34	13,664
1938.....	22,560	241	5,447	.63	3,422						

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 58,000 bushels in 1931, 115,000 in 1936, 68,000 bushels in 1944, 5,000 in 1945, 399,000 in 1946, and 55,000 in 1947.

<sup>2</sup> Approximately 25 pounds.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1921-28 in Agricultural Statistics, 1942, table 378.

TABLE 325.—Peppers, green, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
Winter: Florida.....	<i>Acres</i> 2,610	<i>Acres</i> 3,800	<i>Acres</i> 3,550	<i>1,000 bushels<sup>2</sup></i> 765	<i>1,000 bushels<sup>2</sup></i> 1,357	<i>1,000 bushels<sup>2</sup></i> 1,172	<i>Dollars</i> 1.97	<i>Dollars</i> 2.50	<i>Dollars</i> 3.75
Spring: Florida.....	2,910	6,000	5,400	772	1,428	594	1.61	2.45	5.20
Early summer:									
Louisiana.....	1,280	1,650	1,650	237	200	280	1.26	2.20	2.80
Mississippi.....	260	900	800	36	117	100	1.12	1.75	2.30
Georgia.....	30			6			.89		
North Carolina.....	2,090	3,600	3,300	334	594	412	.99	1.45	1.35
South Carolina.....	100			16			.94		
Total or average.....	3,770	6,150	5,750	630	911	792	1.10	1.65	1.92
Late summer:									
New Jersey.....	7,590	9,000	9,300	1,706	1,935	1,767	.74	1.40	1.10
California.....	2,200	2,800	2,850	631	924	940	1.22	1.40	1.50
Total or average.....	9,790	11,800	12,150	2,337	2,859	2,707	.87	1.40	1.24
Fall:									
Florida.....	1,840	1,650	500	391	371	70	1.70	2.00	3.75
Texas.....	2,240	3,400	3,200	339	646	560	1.09	1.20	2.05
Total or average.....	4,080	5,050	3,700	730	1,017	630	1.41	1.48	2.24
United States.....	23,160	32,800	30,550	5,234	7,572	5,895	1.20	1.80	2.34

<sup>1</sup> Preliminary.

<sup>2</sup> Approximately 25 pounds.

<sup>3</sup> Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 326.—*Pimientos, commercial crop for processing: Acreage, yield, production, season average price per ton received by farmers, and value, California and Georgia, 1929-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	9,020	2.15	19,350	36.90	714	1939.....	22,090	1.05	23,210	28.13	653
1930.....	8,940	1.72	15,340	37.68	578	1940.....	15,490	.84	13,030	27.65	360
1931.....	6,740	1.34	9,050	33.15	300	1941.....	12,740	.87	11,140	33.75	376
1932.....	8,910	1.72	15,340	31.10	477	1942.....	11,440	1.28	14,650	41.84	613
1933.....	5,780	1.34	7,750	28.26	219	1943.....	8,890	.96	8,570	50.06	429
1934.....	9,540	1.65	15,720	29.68	468	1944.....	6,460	1.33	8,580	55.13	473
1935.....	13,560	1.44	19,570	30.35	594	1945.....	8,850	1.42	12,650	60.00	759
1936.....	11,090	1.26	14,020	29.96	420	1946.....	13,770	1.68	23,160	60.10	1,392
1937.....	12,190	1.56	19,030	33.68	641	1947 <sup>1</sup> .....	16,660	1.10	18,320	60.10	1,101
1938.....	26,390	1.47	38,840	33.16	1,288						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1926-28 in Agricultural Statistics 1942, table 380.

TABLE 327.—*Pimientos, commercial crop for processing: Acreage, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	780	770	660	2,970	4,700	2,640	40.60	60.50	60.50
Georgia.....	12,790	13,000	16,000	13,400	18,460	15,680	39.00	60.00	60.00
Total.....	13,570	13,770	16,660	16,370	23,160	18,320	39.34	60.10	60.10

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 328.—*Potatoes: Production, disposition, and merchantable stocks, United States, 1937-47 (unrevised)*

Crop of—	Production <sup>1</sup>	Fed to livestock, shrinkage, and loss after harvest	Used in farm household	Used for seed on farms where grown <sup>2</sup>	Sold	Merchantable stocks on hand Jan. 1 of succeeding year <sup>3</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1937.....	376,448	26,570	65,199	30,754	* 253,925	112,936
1938.....	355,848	30,340	64,884	28,689	231,935	105,750
1939.....	342,420	24,319	60,709	27,374	230,018	97,216
1940.....	375,774	28,948	62,180	25,896	* 258,750	111,272
1941.....	355,602	27,055	60,456	26,193	241,898	104,288
1942.....	370,489	23,565	58,853	27,411	260,660	100,780
1943.....	464,999	43,108	63,073	22,636	* 336,182	134,020
1944.....	383,134	24,729	51,431	20,672	286,302	103,880
1945.....	418,765	27,837	50,746	18,355	* 321,827	120,490
1946.....	484,174	30,180	50,205	15,767	* 388,022	152,170
1947 <sup>6</sup> .....	384,407	19,246	40,501	16,579	* 308,081	118,420

<sup>1</sup> These production figures are unrevised and do not agree with similar data in other tables.

<sup>2</sup> Relates to quantities used on farms where produced. Additional quantities of purchased potatoes are so utilized.

<sup>3</sup> Merchantable stocks consist of potatoes held by growers, local dealers, and buyers on farms or near areas of production in the 37 late and intermediate States for sale or delivery after Dec. 31. They include potatoes held for sale or delivery to starch factories and other processors.

<sup>4</sup> Included under sales are potatoes grading U. S. No. 2 or better, utilized under the Government diversion program as follows: 1937—in Maine, 2,379,000 bushels diverted to starch factories; in other States, 6,372,000 bushels diverted to livestock feed; 1940—5,263,000 bushels diverted to livestock feed.

<sup>5</sup> Includes undetermined quantities diverted under Government programs to starch, dehydration, livestock feed, etc.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 329.—Potatoes: Acreage, production, value, and foreign trade, United States, 1929-47

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per bushel received by farmers	Farm value	Wholesale price per bushel at New York <sup>2</sup>	Foreign trade, year beginning July		
								Domes- tic ex- ports <sup>3</sup>	Im- ports <sup>3</sup>	Net <sup>4</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels	1,000 bushels
1929		2,944	109.5	322,416						
1929	3,068	3,030	110.0	333,392	1.316	438,633	1.80	2,386	6,006	-3,521
1930	3,190	3,139	109.5	343,817	.912	313,609	1.18	1,548	5,729	-4,155
1931	3,550	3,490	110.1	384,317	.460	176,932	.65	816	1,493	-585
1932	3,639	3,558	105.0	374,692	.380	141,458	.64	973	440	534
1933	3,496	3,423	100.3	343,203	.824	282,939	1.18	721	5,102	-1,381
1934		3,582	112.6	403,420						
1934	3,789	3,599	112.9	406,482	.446	181,144	.58	1,218	532	686
1935	3,558	3,469	109.2	378,895	.593	224,509	1.06	1,790	864	926
1936	3,127	2,960	109.4	323,955	1.142	370,051	1.37	1,315	1,384	-69
1937	3,119	3,055	123.2	376,448	.529	199,086	.75	2,079	683	1,396
1938	2,944	2,870	121.0	355,848	.557	198,221	.88	2,703	1,014	1,689
1939		2,644	120.4	318,256						
1939	2,867	2,813	121.7	342,372	.697	237,781	1.15	2,519	1,874	645
1940	2,886	2,832	133.1	376,920	.541	203,748	.65	2,495	930	1,565
1941	2,749	2,693	132.1	355,697	.808	287,422	1.10	2,595	592	2,003
1942	2,755	2,671	138.1	368,899	1.17	431,491	1.48	1,278	1,120	158
1943	3,355	3,239	141.7	458,887	1.31	601,405	1.67	2,531	1,491	1,040
1944		2,537	140.5	356,547						
1944	2,885	2,786	137.6	383,424	1.50	573,398	1.95	2,097	9,126	-7,029
1945	2,766	2,700	155.1	418,765	1.43	597,686	1.80	14,025	1,803	12,222
1946	2,645	2,598	186.3	484,174	1.24	598,862	1.58	13,100	4,604	8,496
1947 <sup>6</sup>	2,147	2,112	182.0	384,407	1.63	626,896	2.02			

<sup>1</sup> Includes the following quantities unharvested or not marketed on account of economic conditions (1,000 bushels): 1931—66; 1932—2,175; 1939—1,240; 1943—440; 1946—1,504. Price and value apply only to the harvested portion of the crop except in 1946 when the unharvested quantity was purchased by the Government under price-support program.

<sup>2</sup> Prices of eastern potatoes, weighted by unloads, season September-May, from records of the Production and Marketing Administration.

<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

<sup>4</sup> The difference between total exports (domestic exports plus reexports) and total imports; beginning 1933 domestic exports minus imports for consumption;—indicates net imports.

<sup>5</sup> Beginning 1933 imports for consumption.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 383.

TABLE 330.—Potatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>

Group and State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels	Dol-lars	Dol-lars	Dol-lars
Early:												
North Carolina <sup>3</sup>	85	83	72	100	152	128	8,453	12,616	9,216	1.06	1.20	1.59
South Carolina	24	24	20	105	149	122	2,541	3,576	2,440	1.19	1.55	1.68
Georgia	23	23	18	62	83	79	1,450	1,909	1,422	1.19	1.63	1.87
Florida	31.6	39.3	26.6	126	159	123	3,973	6,249	3,272	1.44	1.97	1.59
Tennessee	42	37	30	75	92	96	3,121	3,404	2,880	1.10	1.38	1.60
Alabama	48	46	37	89	101	90	4,288	4,646	3,330	.96	1.30	1.46
Mississippi	42	27	20	65	80	73	1,576	2,160	1,460	1.06	1.44	1.56
Arkansas	24	37	28	77	89	90	3,226	3,293	2,520	1.09	1.33	1.56
Louisiana	45	40	31	61	57	53	2,725	2,280	1,643	1.05	1.37	1.50
Oklahoma	28	20	15	68	75	69	1,948	1,500	1,035	.99	1.49	1.64
Texas	52	53	42	76	111	108	4,009	5,883	4,536	1.39	1.39	1.69
California <sup>1</sup>	41	81	62	315	410	420	13,016	33,210	26,040	1.00	1.25	1.60
Total	486.7	510.3	401.6	103.0	158.2	148.9	50,327	80,726	59,794	1.10	1.35	1.60
Intermediate:												
New Jersey	59	68	60	170	207	219	9,988	14,076	13,140	.97	1.15	1.42
Delaware	4.2	3.4	3.2	84	104	105	356	354	336	1.17	1.42	1.60
Maryland	21.6	17.0	14.1	103	132	148	2,246	2,244	2,087	1.10	1.33	1.58
Virginia <sup>2</sup>	76	68	63	114	157	150	8,706	10,676	9,450	1.07	1.26	1.65
Kentucky	43	37	34	82	108	99	3,540	3,996	3,366	1.12	1.39	1.67
Missouri	40	26	20	98	129	106	3,910	3,354	2,120	.98	1.27	1.51
Kansas	25	16	12	87	102	99	2,200	1,632	1,188	.93	1.21	1.32
Arizona	2.9	6.8	6.0	172	270	290	588	1,836	1,740	1.21	1.46	1.80
Total	272.0	242.2	212.3	116.1	157.6	157.5	31,533	38,168	33,427	1.02	1.25	1.54
Surplus late:												
Maine	170	219	182	278	358	345	47,572	78,402	62,790	.85	1.08	1.47
New York, Long Island	56	72	61	226	330	330	12,616	23,760	20,130	1.07	1.27	1.53
New York, up-State	145	104	81	110	185	160	15,760	19,240	12,960	1.07	1.27	1.53
Pennsylvania	168	127	109	120	158	165	20,184	20,066	17,985	1.16	1.45	1.75
Total	539	522	433	178.2	271.0	263.0	96,133	141,468	113,865	.973	1.19	1.53
Michigan	208	149	118	101	123	105	20,976	18,327	12,390	.96	1.22	1.75
Wisconsin	179	113	96	82	105	105	14,593	11,865	10,080	.92	1.27	1.65
Minnesota	218	151	121	87	115	120	18,839	17,365	14,520	.85	1.18	1.55
North Dakota	145	150	134	105	125	150	15,616	18,750	20,100	.77	1.06	1.45
South Dakota	30	29	23	68	98	80	2,107	2,842	1,840	.96	1.50	2.10
Total	780	592	492	93.1	116.8	119.8	72,131	69,149	58,930	.871	1.19	1.59
Nebraska	76	67	52	128	175	155	9,657	11,725	8,060	.89	1.03	1.57
Montana	16	17	13	108	130	140	1,798	2,210	1,820	1.04	1.48	1.95
Idaho	143	178	130	229	255	220	32,797	45,390	28,600	.70	.90	1.70
Wyoming	15.9	12.4	12.4	132	205	200	2,011	2,542	2,480	.99	1.03	1.95
Colorado	82	86	74	182	230	260	14,871	19,750	19,240	.90	1.12	1.70
Utah	14.5	18.0	13.5	167	185	185	2,419	3,330	2,498	.89	1.28	1.95
Nevada	2.6	3.2	2.3	179	210	210	467	672	483	1.06	1.36	2.30
Washington	39	44	34	209	230	260	8,120	10,120	8,840	1.00	1.29	1.49
Oregon	40	52	39	211	260	260	8,620	13,520	10,140	1.04	1.36	1.95
California <sup>1</sup>	36	38	34	292	345	330	10,574	13,110	11,220	1.06	1.57	1.83
Total	465.4	515.6	404.2	195.6	237.4	231.0	91,334	122,399	93,381	.870	1.13	1.73
Total surplus late	1,784.8	1,629.6	1,329.2	145.6	204.4	200.3	259,598	333,016	266,176	.908	1.17	1.62

TABLE 330.—Potatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>—Continued

Group and State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
Other late:												
New Hampshire	7.8	6.1	4.7	152	205	190	1,192	1,250	893	1.27	1.64	2.03
Vermont	12.8	8.7	7.2	132	160	150	1,694	1,392	1,080	1.24	1.63	2.12
Massachusetts	18.8	21.2	16.3	146	170	195	2,749	3,604	3,178	1.25	1.69	1.95
Rhode Island	5.1	8.1	6.3	192	215	240	981	1,742	1,512	1.23	1.57	1.85
Connecticut	17.2	18.3	13.7	177	240	250	3,043	4,392	3,425	1.25	1.54	1.90
West Virginia	32	26	25	92	110	135	2,935	2,860	3,375	1.24	1.73	1.85
Ohio	91	54	42	105	140	130	9,539	7,560	5,460	1.24	1.73	2.00
Indiana	46	28	25	108	160	150	4,946	4,480	3,750	1.19	1.60	2.04
Illinois	34	18	12	82	98	88	2,754	1,764	1,056	1.27	1.65	2.15
Iowa	50	24	13	92	120	75	4,524	2,880	975	1.14	1.65	2.15
New Mexico	3.9	4.0	3.6	78	85	85	306	340	306	1.18	1.57	1.87
Total	318.2	216.4	168.8	109.8	149.1	148.2	34,663	32,264	25,010	1.22	1.65	1.97
29 late States	2,103.0	1,846.0	1,498.0	140.4	197.9	194.4	294,261	365,280	291,186	.941	1.21	1.65
37 late and intermediate States	2,375.1	2,088.2	1,710.3	137.6	193.2	189.8	325,794	403,448	324,613	.948	1.21	1.64
United States	2,861.8	2,598.5	2,111.9	131.6	186.3	182.0	376,122	484,174	384,407	.968	1.24	1.63

<sup>1</sup> Early and late crops shown separately for California; combined for all other States.

<sup>2</sup> Preliminary.

<sup>3</sup> For 1946, estimates include 125,000 bushels from 455 acres in Virginia and 1,379,000 bushels from 4,470 acres in North Carolina unharvested but purchased by the Government under price-support program.

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TABLE 331.—Potatoes, early commercial crop for market: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47<sup>1</sup>

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value
	Acres	Bushels <sup>3</sup>	1,000 bushels <sup>3</sup>	Dollars	1,000 dollars		Acres	Bushels <sup>3</sup>	1,000 bushels <sup>3</sup>	Dollars	1,000 dollars
1929	275,500	132	36,402	1.28	46,471	1939	321,200	145	46,617	0.71	32,000
1930	329,200	134	44,096	1.12	49,372	1940	321,800	158	50,748	.67	33,991
1931	350,400	133	46,559	.63	29,294	1941	343,800	143	49,203	.67	33,115
1932	280,900	122	34,137	.59	20,131	1942	314,700	154	48,471	1.15	55,649
1933	263,400	121	31,991	1.03	32,965	1943	377,100	163	61,442	1.46	89,638
1934	321,000	136	43,707	.56	24,260	1944	375,700	140	52,574	1.51	79,230
1935	282,800	139	39,333	.51	20,133	1945	358,000	182	65,247	1.67	109,141
1936	278,900	136	37,931	1.33	50,415	1946	384,500	223	85,863	1.28	110,115
1937	351,500	145	51,091	.63	32,161	1947 <sup>4</sup>	306,700	216	66,159	1.54	102,140
1938	323,300	159	51,453	.55	28,486						

<sup>1</sup> These data are included in table 329 on total potatoes.

<sup>2</sup> Includes the following quantities not harvested or not marketed and excluded in computing value: 66,000 bushels in 1931, 71,000 in 1937, and 1,240,000 in 1939.

<sup>3</sup> 60 pounds.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 385.

TABLE 332.—Potatoes, early commercial crop: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>

Group and State	Acreage			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
Winter:												
Texas.....	2,080	800	1,100	54	60	55	108	48	60	1.42	1.80	1.55
Florida.....	9,750	13,600	10,300	141	175	121	1,401	2,380	1,246	1.59	2.30	2.00
Total or average.....	11,830	14,400	11,400	126	169	115	1,508	2,428	1,306	1.58	2.29	1.98
Early spring:												
Florida.....	18,010	21,700	12,800	128	167	139	2,276	3,630	1,782	1.33	1.73	1.30
Hastings.....	13,260	12,400	9,500	134	190	149	1,747	2,356	1,416	1.35	1.85	1.30
Other.....	4,750	9,300	3,300	111	137	111	529	1,274	366	1.28	1.50	1.30
Texas.....	8,440	13,200	9,600	89	100	120	723	1,320	1,152	1.73	1.85	2.25
Total or average.....	26,450	34,900	22,400	114	142	131	2,999	4,950	2,334	1.42	1.76	1.67
Late spring:												
California.....	41,100	81,000	62,000	315	410	420	<sup>4</sup> 13,016	33,210	26,040	1.00	1.25	1.60
Louisiana.....	25,550	22,500	16,000	72	60	60	1,839	1,350	960	1.04	1.30	1.60
Mississippi.....	3,990	4,100	2,500	88	100	80	<sup>4</sup> 342	410	200	.95	1.15	1.20
Alabama.....	23,890	24,000	18,700	119	128	107	2,768	3,072	2,001	.94	1.25	1.40
Georgia.....	2,860	1,900	1,800	112	150	125	302	342	225	1.14	1.20	1.60
South Carolina.....	13,900	12,000	11,000	134	200	160	1,853	2,400	1,760	1.16	1.50	1.65
Texas.....	9,130	8,700	7,400	62	67	75	555	583	555	1.16	1.15	1.50
Oklahoma.....	4,810	1,200	700	91	100	85	449	120	60	.87	1.15	1.30
Arkansas.....	5,340	5,500	3,700	88	95	95	464	522	352	.96	1.15	1.35
Tennessee.....	4,210	5,800	4,400	105	125	125	448	725	550	.99	1.15	1.50
North Carolina <sup>5</sup> .....	35,250	36,000	29,000	132	225	170	4,652	8,100	4,930	1.04	1.15	1.50
Total or average.....	170,030	202,700	157,200	156	251	239	26,687	50,834	37,633	1.02	1.24	1.57
Summer:												
Virginia <sup>5</sup> .....	42,500	37,700	33,900	138	197	183	5,911	7,423	6,210	1.05	1.20	1.65
Norfolk District.....	8,870	8,400	7,500	147	188	200	1,306	1,579	1,500	1.04	1.17	1.68
Eastern Shore.....	31,900	28,300	25,500	137	200	178	4,396	5,660	4,539	1.05	1.21	1.64
Other.....	1,730	1,000	900	121	184	190	210	184	171	1.03	1.15	1.65
Maryland.....	5,940	6,700	5,500	136	175	200	818	1,172	1,100	1.07	1.25	1.50
Kentucky.....	4,190	3,700	3,700	114	200	180	463	740	666	1.02	1.25	1.60
Missouri.....	4,970	3,500	2,000	154	250	160	781	875	320	.89	1.20	1.40
Kansas.....	8,630	4,600	3,400	137	200	190	1,198	920	646	.89	1.20	1.25
Nebraska.....	4,640	5,800	4,400	226	200	240	1,052	1,160	1,056	.85	1.20	1.25
Texas.....	<sup>6</sup> 6,890	9,600	7,200	<sup>6</sup> 203	260	235	<sup>6</sup> 1,390	2,496	1,692	<sup>6</sup> 1.13	1.20	1.35
Georgia.....	1,590	1,900	1,600	110	95	110	175	180	176	1.11	1.50	1.85
New Jersey.....	51,010	59,000	54,000	176	215	230	8,922	12,685	12,420	.95	1.15	1.40
Total or average.....	128,290	132,500	115,700	158	209	210	20,293	27,651	24,286	.98	1.18	1.46
United States	336,600	384,500	306,700	152	223	216	51,488	85,863	66,159	1.04	1.28	1.54

<sup>1</sup> These data are included in table 330 on total potatoes.<sup>2</sup> Preliminary.<sup>3</sup> 60 pounds.<sup>4</sup> Includes some quantities not harvested.<sup>5</sup> For 1946, estimates include 1,379,000 bushels from 4,470 acres in North Carolina and 125,000 bushels from 455 acres in Virginia unharvested and purchased by the Government under the price-support program.<sup>6</sup> Average 1939-45.

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TABLE 333.—Potatoes: United States production of certified and war approved seed, by varieties, average 1936-45, annual 1940-47

Variety	Average 1936-45, certified	1940	1941	1942	1943		1944		1945		1946	1947 <sup>1</sup>
					Certified	War approved <sup>1</sup>	Certified	War approved <sup>1</sup>	Certified	War approved <sup>1</sup>		
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
Cobbler.....	5,835	4,889	4,551	5,911	7,808	5,616	8,224	1,654	8,567	4,260	12,227	10,434
Green Mountain.....	3,043	2,960	2,781	2,393	3,126	169	4,318	15	3,377	24	3,486	3,312
Triumph.....	3,732	4,088	3,786	3,851	5,664	4,795	5,552	1,601	6,197	1,461	5,560	5,771
Russet Rural.....	457	512	429	416	489	183	537	50	563	21	764	627
Russet Burbank <sup>2</sup> .....	1,090	863	783	700	1,485	295	1,783	231	2,985	518	2,492	2,250
Spaulding Rose.....	<sup>4</sup> 138	36	20	14	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Early Ohio.....	247	429	291	174	251	243	238	99	130	86	168	503
Rural New Yorker <sup>6</sup> .....	112	136	111	90	83	67	74	6	35	2	41	30
Katahdin.....	2,318	2,117	2,098	2,972	4,681	227	4,443	40	4,917	76	8,358	11,129
Chippewa.....	933	973	649	1,300	1,253	164	1,847	90	1,504	252	1,800	2,844
White Rose.....	802	770	830	412	1,118	288	1,537	110	2,196	277	3,748	3,434
Burbank.....	90	97	82	66	184	46	213	13	67	26	23	45
Sebago <sup>7</sup> .....	<sup>4</sup> 1,059	189	481	994	1,617	66	1,833	40	1,239	43	1,609	1,258
Houma <sup>7</sup> .....	<sup>4</sup> 187	70	268	276	204	4	195	4	107	9	69	118
Sequoia <sup>7</sup> .....	<sup>4</sup> 85	2	20	38	148	1	206	2	98	5	110	110
Red McClure.....	<sup>4</sup> 519	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	330	272	696	138	539	448	568	852
Pontiac.....	<sup>4</sup> 188	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	129	51	252	232	328	1,133	414	253
Kasota.....	<sup>4</sup> 22	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	15	74	13	15	39	14	17	3
Menominee.....	<sup>4</sup> 27	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	-----	-----	13	-----	41	-----	57	22
Warba.....	<sup>4</sup> 100	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	170	41	112	8	67	36	40	101
Red Warba.....	<sup>4</sup> 163	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	157	86	250	209	192	347	338	546
Other varieties.....	374	600	352	825	159	29	161	16	103	14	518	643
Total.....	20,324	18,731	17,532	20,492	29,071	12,717	32,497	4,573	33,291	9,052	42,407	44,285

<sup>1</sup> War-approved seed potatoes are a new grade, established in 1943 by State certification agencies in conjunction with the War Food Administration. Tolerances allowed on this grade are greater than those established for the certified grade.

<sup>2</sup> Preliminary.

<sup>3</sup> Also called Netted Gem.

<sup>4</sup> Short-time average.

<sup>5</sup> Included in "Other varieties."

<sup>6</sup> Also called White Rural or Smooth Rural.

<sup>7</sup> Some of the production prior to 1940 may be included in "Other varieties."

Bureau of Agricultural Economics. See table 336 for data on a State basis.

TABLE 334.—Potatoes: Canadian production of certified seed in New Brunswick, Nova Scotia, and Prince Edward Island, by varieties, average 1936-45, annual 1938-47

Variety	Average 1936-45	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Cobbler.....	1,546	1,535	2,035	2,098	1,015	1,191	737	1,908	1,970	2,788	2,587
Green Mountain.....	1,833	2,062	2,393	2,858	1,283	1,394	851	1,533	2,404	3,134	3,182
Katahdin.....	<sup>2</sup> 826	108	354	1,050	849	884	1,091	1,627	1,365	2,425	3,205
Chippewa.....	28	3	7	17	9	6	4	3	7	7	9
Sebago.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	206	274	552	1,601	1,585
Other varieties.....	465	549	486	571	383	361	301	332	249	562	515
Total.....	4,697	4,257	5,275	6,594	3,539	3,836	3,190	5,677	6,547	10,517	11,083

<sup>1</sup> Preliminary.

<sup>2</sup> Short-time average.

<sup>3</sup> Included in "Other varieties."

Bureau of Agricultural Economics. Obtained from official reports of Canadian seed-potato certifying agencies.

Continent and country	Acreage <sup>2</sup>				Yield per acre				Production						
	Average		1945	1946	1947 <sup>3</sup>	Average		1945	1946	1947 <sup>3</sup>	Average		1945	1946	1947 <sup>3</sup>
	1930-34	1935-39	1,000 acres	1,000 acres	1,000 acres	1930-34	1935-39	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:															
Canada.....	556	516	508	521	497	138.4	124.8	118.1	153.4	151.3	76,924	64,385	59,977	79,938	75,190
El Salvador.....	1	1	1	1	1	25.0	30.0	41.0	30.0	26.0	25	30	33	41	26
Guatemala.....	2	5	12	12	12	29.0	76.4	55.8	55.8	58.8	1,887	2,582	670	670	670
Mexico.....	30	37	68	67	67	68.0	68.0	68.0	68.0	68.0	1,520	1,650	2,200	2,200	4,593
Newfoundland.....	13	20	12	20	20	106.3	109.3	137.5	110.0	110.0	1,520	1,650	2,200	2,200	2,200
Panama.....	1	2	3	3	3	10.0	20.0	34.5	22.7	22.7	370,502	355,504	418,765	484,174	384,407
United States.....	3,444	3,033	2,700	2,699	2,112	107.6	117.2	155.1	186.3	182.0	2,106	1,850	2,107	2,067	2,517
Bermuda.....	(4)	(4)	(4)	(4)	(4)	114.0	115.6	108.4	111.1	123.8	88	88	84	60	60
Cuba.....	19	16	6	24	4	10.0	15.0	12.7	16.5	16.5	20	20	17	16	173
Dominican Republic.....	2	4	6	4	4	25.0	30.0	34.7	29.5	29.5	25	25	104	118	118
Jamaica.....	1	2	3	4	1	20.0	23.0	24.0	24.0	24.0	20	20	24	24	24
Puerto Rico.....	1	1	1	1	1	20.0	23.0	24.0	24.0	24.0	20	20	24	24	24
Total.....	4,070	3,637	3,333	3,256	2,741	111.4	117.4	146.5	176.5	171.4	453,255	427,145	488,279	574,982	469,926
Europe: <sup>5</sup>															
Albania.....	6	1	1	3	3	39.0	68.0	68.0	55.0	55.7	39	68	68	165	167
Austria.....	489	520	371	494	445	197.5	203.9	148.6	163.6	146.1	96,563	106,637	55,115	80,835	65,000
Belgium <sup>7</sup> .....	412	383	247	284	297	319.8	305.1	223.1	291.1	296.9	131,758	116,872	55,115	82,672	88,183
Bulgaria <sup>8</sup> .....	35	45				87.8	87.6				3,074	3,944			
Czechoslovakia.....	1,777	1,754	1,618	1,582	1,485	189.1	195.2	139.0	210.0	109.3	336,044	* 342,338	224,905	332,200	162,250
Denmark.....	175	175	265	265	265	246.3	253.6	223.2	300.8	255.1	43,094	47,068	59,157	66,905	67,093
Egypt.....	345	328	388	391	383	266.8	299.7	287.1	308.1	253.5	92,639	98,288	111,395	120,471	97,075
Finland.....	191	185	172	191	224	204.3	227.4	169.4	187.4	199.1	39,028	42,077	29,131	35,788	44,006
France <sup>9</sup> .....	3,405	3,489	2,634	2,730	3,047	164.4	164.3	114.6	167.4	157.4	574,531	573,225	301,773	461,937	479,574
Germany <sup>10</sup> .....	6,653	6,624	3,981	4,684	5,042	237.9	249.0	193.7	205.4	178.5	1,582,513	1,228,513	770,985	941,548	900,000
Greece.....	39	53	48	57	77	79.7	104.1	103.3	152.8	136.9	3,108	5,518	4,960	8,708	10,545
Hungary.....	711	729	747	634	693	91.2	109.2	83.2	66.3	69.2	64,837	79,637	62,133	42,005	47,941
Iceland.....	2	3	3	3	3	73.7	77.5	80.0	80.0	80.0	151	151	240	240	246
Italy.....	981	1,041	970	999	1,062	88.7	96.9	52.6	86.1	96.9	87,017	100,917	53,914	86,052	102,881
Luxembourg.....	1	42	20	20	20	172.2	139.1	111.1	246.6	202.1	7,094	7,929	4,115	4,931	1,000
Malta and Gozo.....	7	9	8	9	9	110.4	110.4	223.5	334.0	240.2	113,914	100,747	95,215	156,967	169,415
Netherlands.....	395	323	426	467	498	288.4	288.5	288.4	287.4	238.6	31,986	22,520	40,865	44,255	33,400
Norway.....	119	127	160	154	140	167.5	167.5	168.0	146.2	148.1	1,123,238	91,396,761	550,415	709,000	800,000
Poland.....	6,742	6,810	3,484	5,200	5,400	167.5	203.8	174.9	180.7	182.6	68,085	* 48,270	57,280	29,820	30,400
Portugal.....	76	77	156	165	167	130.7	130.7	94.6	46.4	46.4	27,174	* 48,270	57,280	29,820	30,400
Romania.....	521	583	588	509	490	126.0	126.0	110.1	156.2	151.3	172,759	* 170,977	97,888	156,159	151,800
Spain.....	1,031	9	889	1,000	1,003	167.6	151.8	110.1	156.2	151.3	172,759	* 170,977	97,888	156,159	151,800

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Sweden.....	331	359	325	359	208.1	205.0	169.8	201.5	175.7	68,888	66,631	60,953	37,320	61,678
Switzerland.....	115	207	183	165	226.4	220.3	285.3	202.2	266.9	26,035	29,430	59,064	37,010	44,032
United Kingdom II.....	753	1,397	719	1,330	245.7	254.1	261.7	266.7	217.8	185,008	182,666	365,531	379,531	286,707
Yugoslavia.....	605	646	646	88.5	80.0					53,530	51,666			
Total Europe <sup>12</sup> (excluding U.S.S.R.).....	26,042	19,830	24,360	22,482	189.4	199.2	157.5	176.5	161.4	4,933,518	4,859,012	3,123,863	3,967,447	3,773,951
U.S.S.R. (Europe and Asia).....	14,695	21,232	21,232	18,955	119.6	130.8	120.0	122.0	125.0	1,758,036	2,777,395	2,451,900	2,312,510	2,569,250
Asia:														
Cyprus.....	5	9	6	9	140.4	159.7	124.9	133.3	136.1	702	958	1,124	1,200	1,225
Lebanon and Syria.....	18	17	17	19	83.6	90.1	97.2	96.8	102.4	1,505	1,531	1,749	1,839	1,842
Palestine.....	2	9	12	10	100.0	134.5	134.0	144.7	140.0	200	269	1,206	1,736	1,400
Turkey.....	103	129	136	149	44.1	49.2	47.7	88.9	86.1	4,543	6,640	6,149	12,089	12,827
Manchuria and Jehol.....	300	988	990	950	100.0	89.3	89.3	92.6	92.6	20,000	60,000	88,183	88,000	88,000
India.....	200	449	420	410	125.0	150.0	150.0	146.3	143.2	25,000	67,349	63,000	60,000	58,000
Japan.....	287	293	529	432	218.8	121.8	121.8	146.7	143.6	40,631	64,106	64,448	63,382	80,541
Korea.....	235	426	345	340	83.8	91.0	83.2	94.8	96.5	19,699	26,021	35,450	32,720	34,575
Karafuto (Japanese Sakhalin).....	10	10	10	10	138.8	127.0	130.0	130.0	130.0	1,388	1,270	1,300	1,300	1,300
Kwantung Leased Territory.....	2	2	2	2	82.5	85.0	85.0	85.0	85.0	165	170	170	170	170
Java and Madura.....	46	27	25	26	70.0	71.9	60.0	61.5	61.5	3,218	1,941	1,500	1,600	1,600
Philippine Islands.....	1	(*)	(*)	(*)	17.0					17	8	5	5	6
Total Asia (excluding U.S.S.R.).....	1,209	1,827	1,827	2,351	96.8	126.0	103.0	112.3	113.5	117,068	230,263	264,284	264,041	281,486
South America:														
Argentina.....	338	460	311	439	101.1	85.3	94.5	68.2	90.7	34,184	26,523	43,449	29,911	38,560
Bolivia.....	40	60	45	45	37.5	44.4	50.0	66.7	66.7	1,500	2,000	3,000	3,000	4,000
Brazil.....	98	160	168	162	136.1	93.0	99.1	132.6	111.1	13,339	15,619	15,857	21,887	18,000
Chile.....	125	140	121	123	143.5	129.4	166.5	157.2	155.7	17,933	15,652	23,316	20,916	20,089
Colombia.....	75	122	122	237	89.1	72.4	71.3	71.3	71.7	6,679	8,838	15,338	16,902	17,000
Ecuador.....	47	64	54	62	42.6	43.3	40.0	67.7	67.7	2,336	4,499	4,200	4,200	4,200
Paraguay.....	1	1	1	1	30.0	58.0	50.0	45.0	47.0	30	58	50	45	47
Peru.....	350	400	340	340	42.8	45.0	68.8	71.3	70.6	15,000	18,000	22,000	24,250	24,000
Uruguay.....	17	19	19	24	50.8	59.9	58.3	57.8	61.3	863	1,079	1,108	1,099	1,470
Venezuela.....	8	10	10	10	40.0	50.0	50.0	50.0	50.0	320	500	500	500	500
Total.....	1,099	1,358	1,250	1,451	83.6	72.5	95.1	84.6	89.1	91,848	90,605	129,137	122,710	127,866

See footnotes at end of table.

TABLE 335.—Potatoes: Acreage, yield per acre, and production in specified areas, averages 1930-34 and 1935-39, annual 1945-47<sup>1</sup>—Continued

Continent and country	Acreage <sup>2</sup>					Yield per acre					Production				
	Average		1945	1946	1947 <sup>3</sup>	Average		1945	1946	1947 <sup>3</sup>	Average		1945	1946	1947 <sup>3</sup>
	1930-34	1935-39	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
<b>Africa:</b>															
Algeria.....	47	44	25	30	30	70.6	105.2	78.0	100.0	100.0	3,319	4,627	1,900	3,000	3,000
Belgian Congo.....	2	3	3	3	3	103.0	81.3	60.0	60.0	66.7	210	234	180	180	200
Kenya.....	3	4	8	8	7	60.0	75.0	126.8	100.0	114.3	180	300	1,014	800	800
Tanganyika.....	1	1	1	1	1	15.0	25.0	27.0	22.0	25.0	25	25	27	22	25
Egypt.....	7	10	26	30	30	173.6	195.8	144.9	133.3	133.3	1,215	1,958	3,768	4,000	4,000
Eritrea and Italian Somaliland.....	1	1	1	1	1	9.0	7.0	5.0	5.0	5.0	9	7	5	5	5
French Morocco.....	2	4	3	3	4	150.0	156.2	133.3	133.3	125.0	300	625	388	400	500
Madagascar.....	34	33	40	40	40	57.4	52.1	55.1	55.0	55.0	1,951	1,718	2,200	2,200	2,200
Mauritius.....	1	1	1	1	1	22.0	31.0	20.0	20.0	25.0	31	31	20	20	25
Mozambique.....	1	2	2	2	2	31.0	42.7	57.5	57.5	60.0	62	128	115	115	120
Nigeria and Cameroons.....	4	1	1	1	1	11.0	10.0	10.0	10.0	10.0	7	11	10	10	10
Southern Rhodesia.....	2	2	5	5	5	104.5	120.5	100.0	100.0	100.0	209	241	500	400	500
Southern West Africa.....	1	1	1	1	1	11.0	10.0	6.0	6.0	5.0	11	10	6	6	5
Tunisia.....	1	1	1	1	1	44.0	56.3	25.0	40.0	40.0	220	338	100	200	200
Union of South Africa.....	85	89	91	96	94	69.7	69.7	85.2	122.4	117.0	5,072	6,203	7,750	11,750	11,000
Other countries.....	70	117	77	84	84	32.7	47.6	39.4	55.3	53.6	2,280	5,574	3,032	4,642	4,500
<b>Total.....</b>	<b>263</b>	<b>320</b>	<b>289</b>	<b>311</b>	<b>309</b>	<b>57.4</b>	<b>68.9</b>	<b>72.7</b>	<b>89.2</b>	<b>87.7</b>	<b>15,091</b>	<b>22,040</b>	<b>21,020</b>	<b>27,750</b>	<b>27,000</b>
<b>Oceania:</b>															
Australia.....	141	114	210	203	203	93.2	113.2	119.0	123.2	123.2	13,137	12,900	25,000	25,000	25,000
Hawaiian Islands.....	1	2	2	2	2	60.0	60.0	70.0	70.0	70.0	60	120	140	140	140
New Caledonia.....	5	8	9	9	8	40.0	60.0	69.3	95.6	87.5	200	480	624	860	700
New Zealand.....	25	21	23	19	19	190.4	232.9	227.7	227.4	226.3	4,760	4,891	5,236	4,321	4,300
<b>Total.....</b>	<b>172</b>	<b>145</b>	<b>244</b>	<b>233</b>	<b>232</b>	<b>105.6</b>	<b>126.8</b>	<b>127.0</b>	<b>130.1</b>	<b>129.9</b>	<b>18,157</b>	<b>18,391</b>	<b>31,000</b>	<b>30,321</b>	<b>30,140</b>
<b>World total.....</b>	<b>47,550</b>	<b>52,771</b>	<b>48,052</b>	<b>49,059</b>	<b>51,138</b>	<b>155.4</b>	<b>159.5</b>	<b>135.5</b>	<b>148.8</b>	<b>142.4</b>	<b>7,386,973</b>	<b>8,417,851</b>	<b>6,509,543</b>	<b>7,299,361</b>	<b>7,279,709</b>

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with the Southern Hemisphere harvest which began late in 1947 and ended early in 1948.

<sup>2</sup> Figures refer to harvested areas when available.

<sup>3</sup> Preliminary.

<sup>4</sup> Less than 500 acres.

<sup>5</sup> Estimates for each country have been revised to coincide with present boundaries except as noted.

<sup>6</sup> Averages for 1930-34 of European countries have not been adjusted to present boundaries.

<sup>7</sup> Official data for 1945 to date have been adjusted on a comparable basis with the 1935-39 average which included small holdings.

<sup>8</sup> Estimates for 1945 to date include Southern Dobrudja and, therefore, are not strictly comparable with earlier years shown.

<sup>9</sup> Czechoslovakia and Rumania, 5 years 1933-37; Germany and Poland, 5 years 1934-38; Spain, 2 years 1935 and 1939.

<sup>10</sup> Official estimates but believed to be conservative in 1946 and 1947. Includes home plots and market gardens.

<sup>11</sup> Excludes gardens and allotments for 1945 to date.

<sup>12</sup> Estimated totals include allowance for missing data for countries shown. Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of the United States foreign service officers, results of office research, and other information.

TABLE 336.—Potatoes: Production of certified and war approved seed, by States, and United States imports, average 1936-45, annual 1940-47

State	Average 1936-45 certified	1940	1941	1942	1943		1944		1945		1946	1947 <sup>2</sup>	
					Certified	War approved <sup>1</sup>	Certified	War approved <sup>1</sup>	Certified	War approved <sup>1</sup>			
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	
Maine.....	9,100	8,466	7,693	9,509	13,067	1,818	14,782	11,625	18,240	20,553	24	37	
New Hampshire.....	33	19	46	38	46	37	40	43	24	37	123	130	
Vermont.....	121	100	108	97	168	22	148	7	67	26	1,434	1,292	
New York.....	694	517	617	781	1,025	142	1,149	1	2,244	28	40	30	
New Jersey.....	70	100	60	103	53	9	46	38	368	311	3,920	4,593	
Pennsylvania.....	224	220	242	211	308	1	298	192	( <sup>3</sup> )	77	6,661	6,179	
Ohio.....	( <sup>3</sup> )				1	88	1	4	1	588	442	1,064	1,403
Michigan.....	342	408	324	344	423	177	430	57	547	61	1,064	1,403	
Wisconsin.....	317	207	177	247	219	51	540	99	787	1,064	1,403	3,920	4,593
Minnesota.....	2,256	1,954	2,122	2,412	3,505	2,559	3,880	992	3,535	3,729	3,920	4,593	
Iowa.....	2,971	2,208	2,282	3,282	5,084	5,594	4,512	2,244	6,067	3,475	6,661	6,179	
North Dakota.....	419	168	276	406	887	97	952	161	1,241	180	530	884	
South Dakota.....	665	1,007	1,067	485	483	673	630	356	1,231	83	1,214	676	
Nebraska.....	34	31	18	35	43	35	35	35	35	44	24	24	
Maryland.....	12	1	11	18	34	38	38	10	12	17	12	17	
North Carolina.....	4	20	1	1	1	3	3	3	4	3	4	3	
Georgia.....	3	3	2	5	2	1	5	3	4	3	4	3	
Kentucky.....	37	44	38	51	37	31	31	49	51	55	51	55	
Tennessee.....	12	1	7	83									
Louisiana.....	229	235	221	204	289	50	344	3	409	11	375	473	
Montana.....	456	380	363	262	450	776	186	1,468	390	1,381	884	884	
Idaho.....	284	702	275	226	185	220	287	68	350	148	550	295	
Wyoming.....	743	838	458	972	751	623	1,212	268	1,116	521	1,302	1,523	
Colorado.....	2	2						8	8	8	8	8	
New Mexico.....	( <sup>3</sup> )	( <sup>3</sup> )											
Arizona.....	74	58	58	55	61	26	60	173	251	242	251	242	
Utah.....	272	424	440	165	248	73	321	54	282	79	491	384	
Washington.....	455	593	562	372	516	177	674	40	744	241	935	1,035	
Oregon.....	499	25	59	129	1,185	280	1,303	33	2,026	80	2,797	2,743	
California.....													
United States.....	20,324	18,731	17,532	20,492	29,071	12,717	32,497	4,573	33,291	9,052	42,407	44,285	
Imports of certified seed from Canada.....	1,103	843	745	770	1,056	1,941	2,135	2,078	2,434				

<sup>1</sup> War-approved seed potatoes are a new grade, established in 1943 by State certification agencies in conjunction with the War Food Administration. Tolerances allowed on this grade are greater than those established for the certified grade.

<sup>2</sup> Preliminary.  
<sup>3</sup> Less than 500 bushels.  
<sup>4</sup> Short-time average.

Bureau of Agricultural Economics. Compiled from reports of State seed-potato certifying agencies. Imports from Foreign Commerce and Navigation of the U. S., Department of Commerce. See table 333 for data on a variety basis.

TABLE 337.—*Potato futures: Volume of trading and annual average of month-end open contracts, by contract markets, and highest and lowest prices for any future, Chicago Mercantile Exchange, 1938-47*

Year	Volume of trading			Average open contracts			Price per 100 pounds, Chicago Mercantile Exchange <sup>1</sup>	
	Chicago Mercantile Exchange	New York Mercantile Exchange	Total	Chicago Mercantile Exchange	New York Mercantile Exchange	Total	Highest	Lowest
	<i>Car lots</i> <sup>2</sup>	<i>Car lots</i> <sup>2</sup>	<i>Car lots</i> <sup>2</sup>	<i>Car lots</i> <sup>2</sup>	<i>Car lots</i> <sup>2</sup>	<i>Car lots</i> <sup>2</sup>	<i>Dollars</i>	<i>Dollars</i>
1938.....	143		143	11		11	2.15	1.28
1939.....	223		223	15		15	2.15	1.31
1940.....	41		41	2		2	2.20	1.70
1941.....	7,926	5	7,931	437	(4)	437	3.75	1.40
1942.....	6,352	585	6,937	503	69	572	3.50	2.44
1943.....	1,187	202	1,389	122	12	134	3.44	2.86
1944.....	703	339	1,042	52	31	83	3.45	2.65
1945.....	533	80	613	43	8	51	3.25	2.80
1946.....	289	15,897	16,186	44	1,537	1,581	3.45	2.75
1947.....	25	19,376	19,401	1	1,345	1,346	4.65	3.25

<sup>1</sup> Idaho Russet Burbanks, U. S. Extra No. 1 grade.

<sup>2</sup> Ranging between 36,000 and 45,000 pounds at Chicago and between 40,000 and 50,000 pounds at New York.

<sup>3</sup> Trading began Dec. 2, 1941.

<sup>4</sup> Less than 1 carlot.

Commodity Exchange Authority. Trading and open-contract figures compiled from daily reports from exchange clearing members. Prices from records of the Chicago Mercantile Exchange.

TABLE 338.—*Shallots, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Louisiana, 1937-47*

Year	Acreage har- vested	Yield per acre	Pro- duc- tion	Price	Farm value	Year	Acreage, har- vested	Yield per acre	Pro- duc- tion	Price	Farm value
	<i>Acres</i>	<i>Bushels</i> <sup>1</sup>	<i>1,000 bushels</i> <sup>1</sup>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i> <sup>1</sup>	<i>1,000 bushels</i> <sup>1</sup>	<i>Dollars</i>	<i>1,000 dollars</i>
1937.....	6,000	120	721	0.71	512	1943.....	5,000	90	450	1.49	671
1938.....	5,700	86	490	1.06	520	1944.....	4,000	85	339	2.37	805
1939.....	5,400	125	674	.50	316	1945.....	4,900	124	609	1.66	1,011
1940.....	4,700	127	596	.65	390	1946.....	5,400	124	668	1.90	1,269
1941.....	4,100	121	495	.93	459	1947 <sup>2</sup> .....	4,700	94	443	1.99	882
1942.....	5,200	131	682	.83	564						

<sup>1</sup> 5 dozen bunches (approximately 25 pounds).

<sup>2</sup> Includes 48,000 bushels not harvested and excluded in computing value.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 339.—*Spinach, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-47*

Year	For fresh market <sup>1</sup>					For processing				
	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels</i> <sup>3</sup>	<i>1,000 bushels</i> <sup>3</sup>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	53,690	300	16,110	0.49	6,280	18,170	5.33	96,900	16.76	1,624
1930	46,130	263	12,147	.52	6,333	9,350	4.11	38,400	14.79	568
1931	51,870	284	14,736	.42	6,126	7,850	4.42	34,700	12.82	445
1932	52,570	264	13,877	.45	6,274	5,540	3.70	20,500	12.98	266
1933	66,920	195	13,041	.37	4,827	10,100	3.52	36,000	12.03	433
1934	60,970	230	14,044	.42	5,836	15,290	2.70	41,300	11.86	490
1935	61,970	208	12,881	.55	7,088	15,180	3.51	53,300	12.35	658
1936	81,520	191	15,596	.42	6,505	27,020	2.35	63,400	13.31	844
1937	75,740	218	16,525	.36	5,991	29,720	2.18	64,800	14.21	921
1938	70,090	207	14,491	.38	5,466	22,420	1.89	42,300	15.37	650
1939	63,750	225	14,345	.37	5,236	19,860	2.69	53,400	16.55	884
1940	64,900	221	14,320	.48	6,815	21,340	2.05	43,700	19.93	871
1941	63,050	206	13,003	.51	6,626	19,940	2.25	44,900	21.03	1,079
1942	70,780	209	14,818	.61	9,050	46,240	2.47	114,400	38.72	4,429
1943	74,150	201	14,932	.96	14,310	39,030	2.10	82,000	53.00	4,346
1944	73,350	203	14,854	.81	11,635	44,100	2.42	106,900	49.91	5,335
1945	66,220	218	14,410	.91	13,045	35,960	2.48	89,300	50.67	4,525
1946	67,450	204	13,783	.79	10,869	36,020	2.45	88,400	42.57	3,763
1947 <sup>4</sup>	61,880	196	12,123	.91	10,909	24,090	2.39	57,500	37.22	2,140

<sup>1</sup> Includes quantities used for processing in some States.

<sup>2</sup> Includes the following quantities not marketed and excluded in computing value: 3,195,000 bushels in 1929, 19,000 in 1931, 31,000 in 1932, 100,000 in 1939, 38,000 in 1940, 464,000 in 1944, 16,000 in 1946, and 71,000 in 1947.

<sup>3</sup> Approximately 18 pounds.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 397.

TABLE 340.—Spinach, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For fresh market: <sup>2</sup>									
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>1,000 bushels<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Texas.....	40,030	38,000	34,400	4,478	4,560	4,128	0.55	0.90	1.15
Louisiana.....	1,140	900	800	106	63	48	.72	1.20	1.35
California.....	3,100	4,400	4,350	1,602	1,562	1,501	.55	.65	.65
South Carolina.....	100			19			.28		
Total or average.....	44,380	43,300	39,550	7,204	6,185	5,677	.55	.84	1.02
Spring:									
Washington.....	460	740	780	196	355	405	.50	.65	.65
Virginia.....	2,950	2,000	1,600	951	600	520	.59	.70	.65
Maryland.....	710	650	650	155	162	150	.66	.65	.70
Missouri.....	970	800	800	205	240	200	.52	.35	.80
Arkansas.....	790	300	450	144	60	90	.54	2.00	1.10
Oklahoma.....	700	600	800	86	110	144	.42	.55	.42
New Jersey.....	1,810	1,700	1,600	651	612	512	.60	.75	.85
Pennsylvania.....	1,960	2,200	2,100	602	726	588	.62	.90	.75
Illinois.....	710	800	650	161	180	124	.62	.65	1.10
Total or average.....	11,060	9,790	9,430	3,152	3,045	2,733	.58	.74	.75
Summer:									
New York.....	2,470	2,940	2,200	1,142	1,323	825	.73	.90	1.00
Colorado.....	1,920	2,300	1,900	432	4368	4352	.59	.75	.85
Washington.....	820	1,100	700	403	660	332	.35	.50	.55
Total or average.....	5,210	6,340	4,800	1,857	2,351	1,509	.61	.76	.87
Early fall:									
Maryland.....	840	520	500	156	104	75	.73	1.05	1.10
New Jersey.....	1,880	2,000	1,900	548	550	570	.71	.70	.85
Pennsylvania.....	2,120	2,100	2,300	4612	714	736	.74	.80	1.00
Illinois.....	580	450	400	111	94	64	.64	1.00	1.00
Missouri.....	820	500	1,000	187	100	300	.45	.65	.45
Total or average.....	6,240	5,570	6,100	1,614	1,562	1,745	.69	.78	.86
Late fall:									
Virginia.....	2,120	1,500	1,100	627	504	330	.66	.65	.75
Arkansas.....	380	200	300	77	36	60	.55	.65	.60
Oklahoma.....	970	750	600	198	100	69	.50	.65	.70
Total or average.....	3,470	2,450	2,000	902	640	459	.61	.65	.72
United States.....	70,360	67,450	61,880	14,729	13,783	12,123	.58	.79	.91
For processing:				<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
Maryland.....	1,320	1,430	300	3,000	3,000	600	44.80	94.00	89.30
Virginia.....	<sup>5</sup> 1,840	1,300	1,000	<sup>5</sup> 4,800	3,000	1,900	<sup>5</sup> 47.80	75.80	72.00
Arkansas.....	4,240	8,300	4,800	8,000	14,100	7,700	46.90	70.00	52.50
Oklahoma.....	6,800	9,000	5,600	11,600	11,700	7,300	45.20	55.00	49.00
Texas.....	5,740	5,000	5,000	8,100	6,000	7,500	30.30	47.00	40.00
California.....	10,990	10,990	7,390	35,900	56,600	32,500	17.70	26.50	27.30
Total or average.....	30,560	36,020	24,090	70,500	88,400	57,500	29.57	42.57	37.22
Grand total.....	100,920	103,470	85,970	<sup>6</sup> 203,100	<sup>6</sup> 212,400	<sup>6</sup> 166,600	<sup>6</sup> 53.45	<sup>6</sup> 68.92	<sup>6</sup> 78.61

<sup>1</sup> Preliminary.<sup>2</sup> Includes quantities used for processing in some States.<sup>3</sup> Approximately 18 pounds.<sup>4</sup> Includes some quantities not harvested.<sup>5</sup> Average 1938-45.<sup>6</sup> Derived price per ton.

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TABLE 341.—Sweetpotatoes: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>1,000 acres</i>	<i>Bushels</i> <sup>1</sup>	<i>1,000 bushels</i> <sup>1</sup>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Bushels</i> <sup>1</sup>	<i>1,000 bushels</i> <sup>1</sup>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	650	100.3	65,193			1929	696	84.3	58,658		
1929	647	100.5	65,014	1.12	73,003	1930	728	84.8	61,744	.734	45,340
1930	670	81.5	54,577	1.06	57,751	1940	648	79.8	51,699	.854	44,160
1931	854	78.8	67,314	.671	45,190	1941	731	85.5	62,517	.922	57,650
1932	1,059	81.8	86,594	.469	40,650	1942	687	95.3	65,469	1.18	77,548
1933	907	82.3	74,619	.684	51,042	1943	857	83.1	71,142	2.06	146,413
1934	967	80.6	77,983			1944	673	94.0	63,288		
1934	959	81.0	77,677	.752	58,409	1944	726	94.0	68,251	1.90	129,912
1935	944	86.1	81,249	.671	54,545	1945	671	96.3	64,665	2.04	131,619
1936	769	77.7	59,765	.921	55,045	1946	676	98.2	66,424	2.18	144,496
1937	768	88.7	68,144	.780	53,138	1947 <sup>2</sup>	611	93.5	57,178	2.17	123,871
1938	793	86.5	68,603	.698	47,868						

<sup>1</sup> Approximately 55 pounds.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 398, but price and value for 1910-28 have since been revised.

TABLE 342.—Sweetpotatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State and group	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i> <sup>2</sup>	<i>Bushels</i> <sup>2</sup>	<i>Bushels</i> <sup>2</sup>	<i>1,000 bushels</i> <sup>2</sup>	<i>1,000 bushels</i> <sup>2</sup>	<i>1,000 bushels</i> <sup>2</sup>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New Jersey	16	16	16	132	170	135	2,032	2,720	2,160	1.64	2.55	2.40
Delaware	2.6	1.0	1.0	120	140	120	319	140	120	1.22	2.13	1.95
Maryland	8.5	9.7	9.5	148	175	140	1,254	1,698	1,330	1.20	2.00	1.90
Virginia	32	26	28	113	125	125	3,566	3,250	3,500	1.12	2.02	1.80
Total	59.1	52.7	54.5	121.8	148.2	130.5	7,201	7,808	7,110	1.23	2.20	2.00
North Carolina	78	61	64	102	120	115	7,847	7,320	7,360	1.19	2.29	2.20
South Carolina	58	58	54	88	105	110	5,165	6,090	5,940	1.14	2.09	2.00
Georgia	98	78	77	73	90	85	7,180	7,020	6,545	1.21	2.16	2.15
Florida	18	16	17	66	68	75	1,182	1,088	1,275	1.36	2.72	2.55
Total	252	213	212	84.8	101.0	99.6	21,374	21,518	21,120	1.20	2.21	2.15
Kentucky	16	13	13	82	86	80	1,360	1,118	1,040	1.21	2.14	2.40
Tennessee	42	30	25	93	105	93	3,886	3,150	2,325	1.20	2.18	2.30
Alabama	76	65	62	77	85	82	5,885	5,525	5,084	1.25	2.29	2.35
Mississippi	66	56	50	88	92	87	5,801	5,132	4,350	1.24	2.43	2.45
Arkansas	26	19	17	78	82	70	1,969	1,558	1,190	1.30	2.45	2.42
Louisiana	102	120	90	81	90	83	8,267	10,800	7,470	1.00	1.57	1.48
Oklahoma	10	8	7	64	65	60	658	520	420	1.46	2.62	2.60
Texas	59	73	55	82	90	85	4,828	6,570	4,675	1.29	2.29	2.45
Total	398	384	319	82.2	89.6	83.2	32,654	34,393	26,554	1.18	2.08	2.14
Indiana	2.4	1.2	1.8	98	115	115	227	138	207	1.49	2.39	2.60
Illinois	3.4	2.6	2.2	87	80	70	295	208	154	1.28	1.98	2.20
Iowa	2.2	1.5	1.8	94	110	90	207	165	162	1.52	2.53	2.63
Missouri	8	7	6.3	90	110	85	728	770	536	1.39	2.28	2.50
Kansas	2.7	2.1	1.8	106	95	75	282	200	135	1.42	2.43	2.05
California	11	12	12	109	102	100	1,232	1,224	1,200	1.87	3.82	3.65
Total	29.7	26.4	25.9	100.0	102.5	92.4	2,971	2,705	2,394	1.55	2.99	3.05
United States	737.7	676.1	611.4	87.2	98.2	93.5	64,200	66,424	57,178	1.21	2.18	2.17

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 55 pounds.

Bureau of Agricultural Economics.

TABLE 343.—*Sweetpotatoes: Production and disposition, United States, 1929-47*

Crop of—	Production	Used for seed <sup>1</sup>		Fed to livestock, shrinkage, and loss after harvest	For farm household use	Sold
		Total	On farms where grown			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1929.....	65,014	3,695	2,946	12,736	22,901	26,431
1930.....	54,577	4,693	3,321	9,509	20,027	21,720
1931.....	67,314	5,855	4,350	11,586	24,387	26,991
1932.....	86,594	5,018	4,091	19,469	31,998	31,036
1933.....	74,619	5,348	4,303	15,260	27,890	27,166
1934.....	77,677	5,222	4,226	16,465	30,145	26,841
1935.....	81,249	3,944	3,088	18,017	30,396	29,748
1936.....	59,765	3,930	2,985	10,844	22,593	23,343
1937.....	68,144	4,052	3,078	13,684	25,402	25,980
1938.....	68,603	3,736	2,844	14,344	25,483	25,932
1939.....	61,744	3,331	2,537	11,993	22,752	24,462
1940.....	51,699	3,725	2,825	8,483	19,020	21,371
1941.....	62,517	3,513	2,682	12,512	22,062	25,261
1942.....	65,469	4,398	3,305	12,977	21,944	27,243
1943.....	71,142	3,783	2,874	15,786	23,771	28,711
1944.....	68,251	3,468	2,630	14,087	21,745	29,789
1945.....	64,665	3,531	2,604	13,092	21,020	27,949
1946.....	66,424	3,197	2,357	14,081	20,817	29,169
1947 <sup>2</sup> .....	57,178	2,911	2,202	11,603	19,099	24,274

<sup>1</sup> The difference between total seed and used for seed on farms where grown represents sweetpotatoes purchased for seed and is duplicated under quantities "sold."

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

## TOMATOES

TABLE 344.—Tomatoes, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, value, and foreign trade, United States, 1929-47

Year	For fresh market					For processing					Foreign trade, year beginning July						
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Acreage harvested	Yield per acre	Production	Price	Farm value	Imports			Domestic exports			
											Fresh	Canned	Paste	Fresh	Canned	Catsup and sauces	Paste
	Acres	Bushels <sup>2</sup>	1,000 bushels <sup>3</sup>	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929	157,640	129	20,300	1.73	35,113	325,720	4.74	1,534,700	15.25	23,409	139,886	147,429	16,547	4,872	10,419	1,000	1,000
1930	170,730	114	19,498	1.58	30,838	407,950	4.31	1,757,500	15.05	26,444	113,480	75,173	11,605	2,916	5,210	1,000	1,000
1931	168,140	113	18,945	1.10	20,726	296,120	3.30	976,400	11.80	11,517	122,215	91,572	12,154	4,621	3,221	1,000	1,000
1932	173,380	117	20,324	.98	19,894	280,510	4.28	1,199,300	10.08	12,090	59,028	72,226	11,405	4,038	2,698	1,000	1,000
1933	171,330	112	19,255	1.10	21,129	280,150	3.86	1,081,300	11.39	12,316	46,254	475,963	411,383	1,885	2,698	1,000	1,000
1934	193,680	113	21,957	1.20	25,119	368,660	3.87	1,425,700	12.03	17,148	77,166	76,286	12,233	1,958	3,125	1,000	1,000
1935	189,960	119	22,513	1.13	25,415	471,730	3.60	1,700,200	11.73	19,951	82,504	64,985	8,525	1,823	3,451	1,000	1,000
1936	203,360	109	21,088	1.31	27,531	419,070	4.74	1,987,500	12.59	25,029	97,037	61,421	10,540	2,546	3,855	1,000	1,000
1937	208,360	108	22,008	1.31	28,757	451,000	4.27	1,926,300	13.11	25,260	95,831	55,383	8,278	1,807	3,756	1,000	1,000
1938	219,910	117	25,673	1.07	27,352	392,550	4.44	1,742,600	12.41	21,618	54,861	51,566	8,025	1,962	4,707	1,000	1,000
1939	215,560	122	26,316	1.38	36,218	358,260	5.58	1,909,900	12.14	24,274	73,428	71,596	6,897	1,849	3,898	1,000	1,000
1940	207,670	117	24,304	1.22	29,680	409,580	5.65	2,275,800	11.80	26,804	132,781	1,871	289	21,765	5,026	8,920	1,000
1941	203,980	120	24,520	1.58	38,793	469,450	6.09	2,862,200	13.06	42,196	167,185	11,025	3	25,719	4,148	4,735	1,000
1942	217,130	128	27,756	2.09	57,315	601,200	5.27	3,106,800	19.70	62,400	167,916	3,107	429	33,458	2,269	2,196	1,000
1943	225,230	123	27,773	2.84	78,885	553,430	4.79	3,109,900	26.28	89,922	109,064	2,458	37,272	26,950	1,386	23,790	1,000
1944	249,320	113	25,292	3.05	86,387	381,180	5.45	3,109,900	27.22	86,269	210,874	4,579	3,016	32,646	34,570	26,848	1,242
1945	279,820	117	32,688	3.31	107,049	546,750	4.92	2,689,200	27.58	74,169	203,065	54	56,789	8,364	7,208	9,945	1,000
1946	294,010	116	34,229	2.87	97,319	570,770	5.94	3,383,700	30.42	103,241	263,168	14,833	1,021	43,510	1,990	6,694	17,202
1947 <sup>6</sup>	243,870	118	28,830	3.02	87,112	499,170	6.43	3,212,000	28.61	91,900	283,168	14,833	1,021	43,510	1,990	6,694	17,202

<sup>1</sup> Includes the following quantities not harvested and excluded in computing value: 128,000 bushels in 1931, 50,000 in 1932, 71,000 in 1933, 975,000 in 1934, 75,000 in 1935, 153,000 in 1938, 42,000 in 1940, 33,000 in 1941, 23,000 in 1942, 40,000 in 1943, 347,000 in 1945, and 333,000 in 1946.

<sup>2</sup> Includes "otherwise prepared," if any.

<sup>3</sup> Approximately 63 pounds.

<sup>4</sup> Imports for consumption beginning 1933.

<sup>5</sup> Jan. 1-June 30; not separately classified prior to this date.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Imports and exports compiled from Monthly Summary of Foreign Commerce of the United States, June issues, and official records of the U. S. Department of Commerce. Data for 1918-28 in Agricultural Statistics, 1942, table 403.

TABLE 345.—Tomatoes, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
For fresh market.....									
Winter: Florida.....	12,890	12,200	10,100	1,777	1,964	949	3.71	5.70	5.75
Early spring:									
Florida.....	15,160	13,000	9,450	1,336	1,820	1,030	3.46	4.80	6.00
Texas, Lower Valley.....	25,200	64,000	41,600	1,889	4,480	2,912	1.66	1.65	2.75
California, Im- perial Valley.....	4,460	5,200	4,500	693	738	1,035	3.90	4.79	5.70
Total or aver- age.....	44,820	82,200	55,550	3,917	7,038	4,977	2.63	2.77	4.04
Late spring:									
Texas, other.....	28,600	39,600	36,000	1,972	2,891	2,700	1.79	2.10	2.30
Louisiana.....	2,940	2,100	1,900	208	130	144	1.78	3.50	2.55
Mississippi.....	6,930	4,400	3,300	670	374	248	1.48	2.20	3.35
South Carolina.....	5,260	4,200	3,600	297	273	216	2.25	2.50	3.00
Georgia.....	5,170	6,500	5,000	374	455	380	1.82	1.85	3.30
Alabama.....	4,280	4,000	3,000	255	220	240	1.86	2.10	2.45
Total or aver- age.....	50,900	60,800	52,800	3,698	4,343	3,928	1.76	2.15	2.52
Early summer:									
California.....	9,290	12,700	10,500	1,595	2,299	2,100	2.25	2.73	3.10
Arkansas.....	3,630	6,200	6,500	317	558	455	1.49	2.85	2.50
Tennessee.....	5,200	5,400	4,100	646	810	594	1.53	1.45	1.25
North Carolina.....	1,180	350	300	84	26	22	1.36	2.05	1.95
Virginia.....	2,380	1,000	2,000	309	170	380	1.00	1.55	1.65
Kentucky.....	1,100	2,000	700	109	500	91	1.42	3.00	2.90
Illinois, Union County.....	640	1,100	1,100	63	104	99	2.06	3.00	3.10
Missouri.....	5,580	6,500	6,500	513	650	715	1.57	2.95	2.50
Ohio, southeast.....	730	690	690	134	162	138	2.66	4.70	5.65
Maryland.....	6,530	6,500	7,000	1,022	975	1,400	.95	2.40	2.05
Delaware.....	240	300	270	34	45	38	.86	1.90	1.90
Total or aver- age.....	36,500	42,740	39,660	4,825	6,299	6,032	1.64	2.60	2.51
Late summer:									
New Jersey.....	11,200	11,000	11,000	1,926	1,650	1,925	1.42	3.20	2.10
Washington.....	1,420	1,520	1,720	357	380	482	1.30	2.00	1.60
Pennsylvania.....	2,460	3,500	3,100	466	420	589	1.13	2.75	1.90
Ohio, other.....	3,900	3,200	2,700	669	480	472	1.26	2.40	3.10
Indiana.....	6,890	8,100	8,100	719	891	850	1.34	1.20	1.95
Illinois, other.....	3,370	3,900	3,700	334	429	296	1.03	2.00	2.25
Iowa.....	560	600	540	64	99	54	.90	1.50	2.00
New York.....	8,810	8,850	8,400	1,901	1,947	1,764	1.08	2.15	1.95
Michigan.....	6,000	7,200	7,000	973	1,008	945	1.61	2.85	3.25
Colorado.....	2,480	3,100	3,100	575	868	930	.95	2.00	1.80
Utah.....	590	600	250	66	66	25	1.19	2.50	1.50
Oregon.....	1,180	1,300	1,300	283	377	377	1.34	2.80	2.70
Alabama.....	4,200	2,300	1,800	171	115	135	2.19	2.20	3.50
Total or aver- age.....	50,260	55,170	52,710	8,453	8,730	8,844	1.27	2.37	2.21
Early fall:									
California, northern dis- trict.....	8,490	12,800	11,000	1,336	2,355	1,815	2.45	3.81	4.00
California, southern dis- trict.....	6,700	8,800	7,500	1,198	1,619	1,088	2.41	3.48	4.00
Total or aver- age.....	15,200	21,600	18,500	2,534	3,974	2,903	2.44	3.63	4.00
Late fall:									
Texas.....	7,030	11,500	11,800	407	805	826	2.06	1.90	4.15
Florida.....	3,940	7,800	2,750	458	1,076	371	3.96	5.00	5.25
Total or aver- age.....	10,960	19,300	14,550	865	1,881	1,197	3.07	3.67	4.49
United States.....	221,520	294,010	243,870	26,069	34,229	28,830	1.92	2.87	3.02

See footnotes at end of table.

TABLE 345.—Tomatoes, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
For processing:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	21,200	27,400	21,900	151,200	175,400	105,100	17.30	32.80	28.30
New Jersey.....	34,700	37,100	32,800	196,800	218,900	291,900	22.00	41.00	34.10
Pennsylvania.....	23,200	34,200	25,600	131,200	99,200	176,600	20.00	34.90	31.00
Ohio.....	24,800	33,900	31,300	156,600	257,600	115,800	15.90	25.50	24.60
Indiana.....	89,100	101,800	94,500	442,300	529,400	415,800	16.20	28.00	26.00
Illinois.....	10,000	14,400	11,000	42,600	100,800	48,400	17.00	25.60	24.90
Michigan.....	5,800	7,900	7,800	33,800	56,100	30,400	15.60	26.60	24.30
Wisconsin.....	2,300	1,000	1,200	10,900	5,700	4,600	16.40	27.00	24.60
Iowa.....	4,500	3,000	1,800	19,100	17,100	6,300	16.00	23.70	23.80
Missouri.....	12,500	9,400	7,600	32,000	32,900	10,600	16.80	34.60	25.20
Delaware.....	11,300	11,800	9,900	46,700	37,800	54,400	21.70	49.10	28.00
Maryland.....	56,900	43,500	40,500	240,600	139,200	226,800	20.40	42.80	27.90
Virginia.....	26,600	29,400	23,000	91,800	88,200	105,800	18.30	35.30	28.50
South Carolina.....	2,000	2,600	3,000	3,700	5,200	5,100	15.80	24.00	28.00
Florida.....	3,600	2,250	2,250	10,500	8,600	6,300	15.20	34.10	35.10
Kentucky.....	4,400	3,800	3,500	11,700	12,200	9,800	15.60	25.40	24.80
Tennessee.....	7,100	3,100	2,500	14,200	6,200	5,500	16.20	26.80	24.60
Arkansas.....	15,200	16,000	13,900	34,300	51,200	23,600	16.20	33.40	26.80
Oklahoma.....	1,200	3,000	1,800	1,600	11,400	2,700	14.30	35.50	27.40
Texas.....	12,700	33,000	12,100	32,400	92,400	31,500	14.30	26.00	32.00
Colorado.....	3,600	4,800	4,300	22,800	28,800	36,100	15.00	25.00	24.00
Utah.....	7,100	7,500	7,200	64,200	66,800	69,100	15.00	24.90	25.40
California.....	92,000	134,400	136,000	627,800	1,330,600	1,414,400	17.60	29.00	29.00
Other States <sup>5</sup> .....	5,700	5,520	3,720	23,300	22,000	15,400	16.59	26.49	26.07
Total or average....	477,500	570,770	499,170	2,442,100	3,393,700	3,212,000	17.79	30.42	28.61
Grand total.....	699,020	864,780	743,040	3,132,600	4,300,800	3,976,000	<sup>6</sup> 31.20	<sup>6</sup> 46.73	<sup>6</sup> 45.02

<sup>1</sup> Preliminary.<sup>2</sup> Approximately 53 pounds.<sup>3</sup> Includes some quantities not harvested.<sup>4</sup> Average, 1939-45.<sup>5</sup> Connecticut, Georgia, Idaho, Kansas, Louisiana, Minnesota, Mississippi, Nebraska, New Mexico, North Carolina, Oregon, Washington, and West Virginia.<sup>6</sup> Derived price per ton.

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TABLE 346.—*Watermelons, commercial crop: Acreage, yield, production, season average price per 1,000 melons received by farmers, and value, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value	Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Price	Farm value
	<i>Acres</i>	<i>Melons<sup>2</sup></i>	<i>1,000 melons<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Melons<sup>2</sup></i>	<i>1,000 melons<sup>2</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929-----	226,570	325	73,543	173.00	12,710	1939-----	265,190	238	63,099	119.00	7,444
1930-----	255,060	335	85,506	117.00	9,327	1940-----	267,300	288	77,107	109.00	7,906
1931-----	253,610	307	77,910	101.00	7,719	1941-----	256,330	252	64,486	134.00	8,636
1932-----	247,910	270	66,992	79.00	4,569	1942-----	197,900	286	56,526	240.00	13,588
1933-----	218,250	258	58,382	93.00	5,122	1943-----	142,600	340	48,522	445.00	21,615
1934-----	281,930	213	60,056	104.00	6,248	1944-----	223,680	316	70,775	368.00	26,024
1935-----	268,220	247	66,367	96.00	6,162	1945-----	262,880	277	72,949	410.00	29,910
1936-----	250,710	249	62,543	128.00	7,967	1946-----	316,020	256	80,825	384.00	30,958
1937-----	254,890	278	70,926	106.00	7,276	1947 <sup>3</sup> ----	291,370	280	81,512	312.00	24,303
1938-----	263,630	269	70,842	109.00	7,262						

<sup>1</sup> Includes some quantities not harvested and excluded in computing value: 5,677,000 melons in 1930, 1,761,000 in 1931, 9,298,000 in 1932, 1,332,000 in 1933, 122,000 in 1934, 2,509,000 in 1935, 425,000 in 1936, 2,499,000 in 1937, 4,001,000 in 1938, 496,000 in 1939, 4,518,000 in 1940, 260,000 in 1946, and 3,594,000 in 1947.

<sup>2</sup> A medium-size melon weighs about 25 pounds.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 407.

TABLE 347.—*Watermelons, commercial crop: Acreage, production and season average price per 1,000 melons received by farmers, by States, average 1936-45, annual 1946 and 1947*

Group and State	Acreage			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
Late spring:									
California, Imperial Valley-----	<i>Acres</i> 5,810	<i>Acres</i> 5,600	<i>Acres</i> 4,500	<i>1,000 melons<sup>2</sup></i> 3,154	<i>1,000 melons<sup>2</sup></i> 2,520	<i>1,000 melons<sup>2</sup></i> 2,475	<i>Dollars</i> 254	<i>Dollars</i> 465	<i>Dollars</i> 530
Florida-----	22,860	47,000	47,000	<sup>3</sup> 6,556	10,575	<sup>3</sup> 12,925	317	525	447
Total or average-----	28,670	52,600	51,500	9,710	13,095	15,400	294	513	462
Early summer:									
California, other-----	9,000	11,300	10,600	6,433	8,927	7,950	195	295	312
Arizona-----	2,010	4,000	3,500	1,162	2,040	2,170	238	380	407
Texas-----	44,860	85,000	74,000	6,495	13,600	12,950	246	408	242
Louisiana-----	4,070	4,100	3,100	1,149	943	868	246	420	356
Mississippi-----	6,110	4,500	3,600	<sup>3</sup> 1,531	945	648	205	340	360
Alabama-----	6,940	7,900	6,700	2,222	1,382	1,809	211	350	380
Georgia-----	52,880	56,000	56,000	<sup>2</sup> 13,366	14,224	<sup>3</sup> 16,016	199	440	250
South Carolina-----	21,950	32,000	30,000	<sup>3</sup> 4,894	6,400	7,200	190	262	220
North Carolina-----	9,920	11,000	9,900	2,143	2,420	2,227	176	413	180
Arkansas-----	4,170	4,000	4,000	<sup>3</sup> 1,166	1,120	1,100	209	482	350
Oklahoma-----	11,220	13,000	11,000	2,387	2,860	2,090	223	380	355
Missouri-----	11,220	6,700	4,700	3,134	1,842	940	180	313	350
Total or average-----	184,350	239,500	217,100	46,079	56,703	55,968	206	374	265
Late summer:									
Virginia-----	2,640	1,500	1,050	<sup>3</sup> 850	405	310	187	298	242
Maryland-----	4,700	5,300	5,000	1,945	2,385	2,500	182	300	350
Delaware-----	3,180	3,200	3,000	1,270	<sup>3</sup> 1,360	1,350	189	300	350
New Jersey-----	1,300	1,000	1,000	533	425	325	182	144	218
Indiana-----	5,950	6,900	7,200	2,495	4,140	3,600	194	294	387
Illinois-----	4,140	3,500	3,100	1,383	1,190	930	190	235	295
Iowa-----	1,250	550	520	354	187	104	224	300	350
Oregon-----	630	650	600	<sup>3</sup> 322	325	342	244	350	325
Washington-----	900	670	650	559	415	455	204	290	250
Colorado-----	830	650	650	278	195	228	186	380	390
Total or average-----	25,490	23,920	22,770	9,989	11,027	10,144	191	282	357
United States-----	238,510	316,020	291,370	65,778	80,825	81,512	217	384	312

<sup>1</sup> Preliminary.

<sup>2</sup> A medium-size melon weighs about 25 pounds.

<sup>3</sup> Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 348.—*Fresh vegetables: Annual carlot rail and boat shipments of specified commodities, United States, 1938-47*<sup>1</sup>

Year	Asparagus	Beans, snap and lima	Beets	Broccoli <sup>2</sup>	Cabbage	Carrots	Cauliflower	Celery	Corn, green
1938	1,673	9,395	1,557	1,793	25,524	12,697	7,277	21,222	976
1939	2,010	5,769	748	1,686	18,757	13,647	7,670	20,139	752
1940	2,929	5,367	946	1,686	19,524	13,162	8,255	19,975	746
1941	2,497	3,750	1,100	1,470	18,430	15,468	6,243	20,429	933
1942	1,701	5,634	1,247	1,280	24,806	20,144	6,911	20,929	959
1943	2,088	9,021	1,668	1,242	23,481	24,357	5,999	18,969	1,514
1944	1,852	7,377	2,345	1,942	29,673	25,471	8,480	22,106	1,614
1945	981	7,471	2,212	1,520	32,835	27,903	9,068	25,610	2,685
1946	1,373	6,346	1,027	1,888	27,328	27,148	11,296	27,933	3,123
1947	2,102	4,734	920	1,826	24,645	24,995	9,302	24,737	2,933

  

Year	Cucumbers	Eggplant	Escarole <sup>2</sup>	Greens (except spinach)	Lettuce	Muskmelons		Onions	Peas, green
						Cantaloups	Other <sup>3</sup>		
1938	4,274	319	746	3,277	43,475	12,452	7,123	28,539	6,481
1939	3,229	253	1,491	1,491	52,458	13,177	6,615	28,519	7,806
1940	2,712	17	853	1,295	49,898	11,611	6,038	23,268	6,263
1941	2,577	78	597	1,241	55,626	13,491	7,210	27,087	6,063
1942	3,177	23	925	1,016	56,227	11,687	5,819	32,748	4,702
1943	1,579	221	1,013	1,115	58,109	11,619	4,992	25,780	4,588
1944	2,336	269	1,194	1,367	66,984	16,004	7,051	36,995	4,635
1945	4,115	326	1,421	1,086	68,471	16,780	8,548	33,735	4,536
1946	5,357	285	1,128	1,052	74,703	21,958	8,914	36,974	4,123
1947	3,671	82	875	1,568	76,941	22,550	6,233	35,186	3,256

  

Year	Peppers	Potatoes	Spinach	Sweet-potatoes	Tomatoes	Turnips and rutabagas	Watermelons	Mixed vegetables	Total
1938	3,168	211,279	6,835	9,542	35,235	581	24,326	26,237	503,464
1939	2,241	197,749	6,330	8,643	28,437	458	19,042	27,018	475,497
1940	1,253	202,381	5,970	6,652	22,247	426	21,261	23,844	458,579
1941	1,359	201,057	5,604	7,307	19,566	348	18,750	24,924	463,205
1942	1,733	218,431	6,226	10,511	25,223	659	18,635	29,118	510,471
1943	1,697	262,488	6,744	8,584	25,276	944	20,154	39,632	563,174
1944	2,736	275,581	6,358	10,685	27,992	717	34,590	43,542	639,796
1945	2,994	270,671	5,682	13,316	35,168	593	37,736	45,054	660,417
1946	2,890	298,307	4,824	12,408	36,626	558	35,347	43,379	696,295
1947	1,701	280,251	4,052	11,285	25,522	440	32,958	37,742	640,507

<sup>1</sup> Figures for all commodities are on a calendar-year basis, except onions which are for a 12-month period beginning in March.

<sup>2</sup> No record prior to 1939.

<sup>3</sup> Includes Casaba, Honey Ball, Honey Dew, Persian, and mixed melons. Cars of mixed melons may include cantaloups as well as other muskmelons.

Production and Marketing Administration. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis. Shipments by truck are not included but have become increasingly important during this period. The data are not indicative of total production or total sales.

TABLE 349.—Vegetables (fresh), potatoes, sweetpotatoes, and dry edible beans: Total and per capita civilian consumption (farm weight basis), United States, 1929-47<sup>1</sup>

Calendar year	Tomatoes		Leafy, green, and yellow vegetables <sup>2</sup>		Other fresh vegetables <sup>3</sup>		Melons <sup>4</sup>		Potatoes		Sweetpotatoes		Dry edible beans	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. bu.	Lb.	Mil. bu.	Lb.	Mil. bu.	Lb.
1929	3,181	25.9	11,247	91.7	8,232	67.1	4,468	36.4	314.8	154	49.5	49.5	9,520	7.8
1930	2,956	23.9	10,742	86.8	8,319	67.2	4,361	35.2	270.2	135	41.2	18.3	11,706	9.5
1931	3,066	24.6	11,605	93.0	8,218	65.8	4,705	38.4	263.7	130	41.2	20.5	10,925	8.8
1932	3,432	27.5	11,856	94.0	8,873	70.6	4,317	34.4	280.2	140	46.4	20.5	9,253	7.4
1933	3,102	24.6	11,021	87.3	8,642	68.4	4,072	32.2	268.7	137	46.4	23.0	8,900	7.0
1934	3,102	24.6	11,998	94.4	8,403	66.1	4,159	32.7	282.1	138	46.4	23.0	8,900	7.0
1935	3,563	27.8	12,506	97.7	9,099	71.1	4,338	33.9	307.9	144	46.4	23.0	11,454	9.0
1936	3,360	26.0	11,676	90.6	9,172	71.2	4,078	31.6	281.0	132	46.4	23.0	10,710	8.4
1937	3,716	28.7	12,488	96.1	9,511	71.4	4,561	35.2	271.7	126	46.4	21.4	10,494	7.8
1938	3,814	29.2	13,975	106.9	9,884	75.6	4,633	35.4	302.0	126	46.4	21.2	10,070	7.8
1939	3,912	29.7	13,498	102.5	9,398	73.9	4,606	35.0	287.7	132	46.4	21.2	12,485	9.6
1940	3,766	28.4	13,336	100.4	9,819	73.8	4,979	37.5	286.4	121	46.8	19.5	12,163	9.2
1941	3,993	30.1	13,057	98.5	10,482	79.0	4,435	35.5	31,900	240	288.7	130	11,038	8.3
1942	4,056	30.7	14,373	108.5	10,800	82.1	4,266	32.3	282.0	128	44.0	18.2	11,456	8.6
1943	4,014	31.0	13,080	100.9	9,425	72.7	4,228	32.6	275.5	125	48.4	20.2	14,678	11.1
1944	4,071	31.5	13,705	106.0	10,037	77.7	4,983	38.6	286.8	133	48.4	20.9	11,554	8.9
1945	4,224	32.5	14,820	114.2	10,491	80.9	4,820	37.1	272.0	126	45.9	19.5	9,999	7.7
1946	4,428	31.8	15,810	113.6	11,858	85.1	5,548	39.8	269.4	125	44.2	18.7	9,979	7.7
1947	4,504	31.4	14,961	104.2	11,105	77.4	5,378	37.5	294.9	127	45.0	17.8	12,000	8.6
1947 5 <sup>6</sup>									294.4	123	41.2	15.8	12,060	8.4

<sup>1</sup> Includes production of commercial truck crops for fresh market shipment and rough approximations of production in farm and market gardens but not in town and city gardens.

<sup>2</sup> Artichokes, asparagus, lima beans, snap beans, cabbage, carrots, kale, lettuce and escarole, green peas, green peppers, spinach, and an estimated quantity of minor vegetables.

<sup>3</sup> Beets, cauliflower, celery, sweet corn, cucumbers, eggplant, garlic, onions, shallots, and an estimated quantity of minor vegetables.

<sup>4</sup> Includes watermelons, cantaloupes, Honey Balm melons, and Honey Dew melons.

<sup>5</sup> The per capita civilian consumption obtained by dividing the total parent civilian consumption by total population adjusted for underenumeration

<sup>6</sup> 20 percent prior to 1942, and 14 percent from 1942 to date.

of children under 5 years of age and for members of the armed forces not eating out of civilian supplies. All data preliminary.

<sup>a</sup> Preliminary.

Bureau of Agricultural Economics. The figures in this table are given in terms of production weight, i.e., quantities available for consumption at the farm level. Normal marketing losses between the time of harvest and time of sale in the retail store—including shrinkage and spoilage in transit and storage, and spoilage in retail stores—are estimated roughly as follows: Tomatoes, 25 percent; leafy, green, and yellow vegetables, 14 percent; melons, 13 percent; other truck crops, 14 percent; potatoes, 7 percent; sweetpotatoes, 20 percent prior to 1942, and 14 percent from 1942 to date.



TABLE 350.—Vegetables, canned: United States pack of selected items, 1929-47

Season	Asparagus	Beans, lima	Beans, snap	Beets	Carrots	Corn	Peas	Pickles <sup>1</sup>
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1929	3,032	946	8,525	2,004	-----	17,487	18,530	6,200
1930	3,020	981	8,251	2,923	-----	15,692	22,035	11,900
1931	2,134	1,157	6,067	1,614	262	19,415	13,286	9,100
1932	1,604	732	4,024	1,044	433	9,358	10,367	2,000
1933	2,569	670	5,532	1,216	604	10,193	12,893	5,600
1934	2,423	1,319	6,300	2,196	765	11,268	15,742	6,800
1935	2,813	1,186	7,161	2,462	926	21,471	24,699	7,800
1936	3,031	1,551	6,629	2,490	938	14,621	16,553	9,900
1937	2,884	1,512	10,052	3,210	949	23,541	23,467	12,700
1938	2,538	1,920	10,915	3,176	704	20,470	25,459	9,900
1939	2,604	2,000	8,487	2,271	1,210	14,567	16,074	6,300
1940	3,258	1,992	9,798	3,719	1,435	15,524	25,196	10,100
1941	3,203	2,387	13,362	7,365	2,058	26,109	28,724	13,400
1942	4,202	2,527	23,790	6,706	2,283	32,118	35,256	13,600
1943	3,800	1,879	22,913	6,059	2,384	28,755	35,052	10,200
1944	4,141	1,647	18,196	7,889	3,131	25,089	31,524	12,500
1945	4,346	1,581	17,365	9,149	4,048	28,237	39,649	13,000
1946	4,576	1,747	18,342	7,044	3,747	30,951	40,933	17,100
1947 <sup>3</sup>	3,833	2,204	13,091	3,382	976	26,089	33,119	16,700

  

Season	Pimientos	Pumpkin and squash	Sauerkraut <sup>1</sup>	Spinach	Tomatoes	Tomato pulp	Tomato juice	Total of these items
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1929	536	3,348	9,300	6,165	24,146	3,737	231	104,187
1930	424	2,374	11,600	2,465	29,015	4,490	1,674	116,844
1931	298	1,399	7,400	2,269	16,341	1,817	4,720	87,279
1932	505	1,927	8,200	1,466	20,367	2,300	5,559	69,886
1933	270	2,454	5,200	3,179	20,461	2,800	4,528	78,169
1934	550	1,933	11,700	3,602	22,376	3,259	6,193	96,426
1935	754	1,138	7,300	4,318	26,985	3,656	11,256	123,925
1936	540	2,426	6,200	4,221	24,414	4,267	16,002	113,783
1937	671	2,041	8,000	6,122	26,235	3,746	16,979	142,109
1938	1,380	1,614	10,600	2,892	23,131	2,788	11,235	128,722
1939	825	3,114	7,900	4,055	24,465	2,726	13,659	110,257
1940	465	3,090	10,000	4,980	29,533	2,827	15,086	137,003
1941	1,323	3,391	11,400	5,015	31,759	3,612	23,391	175,499
1942	1,425	2,151	8,700	9,567	41,252	4,987	25,178	212,742
1943	1,249	2,007	5,800	7,381	29,269	6,847	22,849	185,504
1944	1,249	2,977	6,400	9,957	26,099	9,410	30,809	190,018
1945	1,367	1,849	12,600	8,637	16,758	9,650	28,389	195,625
1946	1,672	4,575	14,500	8,448	23,857	12,397	34,900	223,889
1947 <sup>3</sup>	1,589	3,387	3,900	3,909	27,709	5,871	19,506	164,245

<sup>1</sup> Total crop for processing converted to a canned basis by applying the following factors (cases of 24 No. 2 cans per ton farm weight): Cucumbers for pickles, 68 cases; cabbage for kraut, 54 cases; and pimientos, 29 cases.

<sup>2</sup> Equivalent cases of 24 No. 2 cans.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Compiled mainly from reports of the National Canners Association. Data for pickles, sauerkraut, and (beginning 1941) pimientos computed by B.A.E. In addition to the vegetables shown in this table, considerable quantities of the following products also are canned: Baked beans, carrots and peas, corn on the cob, hominy, kidney beans, mixed vegetables, mushrooms, okra, other greens than spinach, potatoes, rhubarb, sauerkraut juice, soups, spaghetti, succotash, sweetpotatoes, tomato paste, tomato sauce, tomato catsup, and vegetable puree.

TABLE 351.—Vegetables, canned: Total and per capita civilian consumption (canned-weight basis), United States, pack years 1929-47, and calendar years 1943-47

Pack year beginning—	Tomatoes		Corn		Peas		Snap beans		Other canned vegetables <sup>1</sup>		Total canned vegetables	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>
1929.....	828.8	6.7	515.0	4.2	547.6	4.4	243.0	2.0	1,348.6	11.0	3,483	28.3
1930.....	792.0	6.4	503.8	4.1	579.1	4.7	235.2	1.9	1,498.9	11.9	3,609	29.0
1931.....	608.4	4.9	420.8	3.4	437.8	3.5	175.8	1.4	1,212.2	9.6	2,855	22.8
1932.....	691.9	5.5	422.7	3.4	371.3	2.9	134.6	1.1	1,074.5	8.5	2,695	21.4
1933.....	682.1	5.4	355.8	2.8	431.7	3.4	157.7	1.2	1,103.7	8.7	2,731	21.5
1934.....	696.8	5.5	386.8	3.0	469.2	3.7	185.4	1.5	1,456.8	11.3	3,195	25.0
1935.....	765.5	6.0	538.7	4.2	540.9	4.2	184.1	1.4	1,468.8	11.4	3,498	27.2
1936.....	696.2	5.4	495.6	3.8	573.0	4.4	197.5	1.5	1,625.7	12.7	3,588	27.8
1937.....	765.2	5.9	510.0	3.9	616.9	4.7	265.5	2.1	1,874.4	14.4	4,033	31.0
1938.....	755.4	5.8	543.8	4.1	647.1	4.9	262.7	2.0	1,818.0	13.9	4,027	30.7
1939.....	757.8	5.7	586.0	4.4	660.5	5.0	296.0	2.2	2,024.7	15.4	4,325	32.7
1940.....	800.3	6.0	597.0	4.5	796.2	6.0	321.9	2.4	2,281.6	17.0	4,797	35.9
1941 <sup>2</sup> .....	767.8	5.8	670.6	5.0	832.1	6.3	276.3	2.1	2,390.2	17.9	4,937	37.1
1942 <sup>2</sup> .....	812.3	6.2	693.9	5.3	720.7	5.5	384.2	2.9	2,372.9	18.3	4,984	38.2
1943 <sup>2</sup> .....	655.6	5.1	658.8	5.1	768.1	5.9	401.4	3.1	1,830.1	14.3	4,314	33.5
1944 <sup>2</sup> .....	440.2	3.4	574.6	4.4	658.0	5.1	350.5	2.7	2,282.7	17.7	4,306	33.3
1945 <sup>2</sup> .....	430.7	3.2	834.2	6.1	1,008.8	7.5	447.7	3.3	3,334.6	24.7	6,056	44.8
1946 <sup>2</sup> .....	555.1	3.9	818.3	5.8	904.6	6.4	448.4	3.2	3,552.6	24.9	6,279	44.2
1947 <sup>2</sup> .....	682.8	4.7	752.9	5.2	914.8	6.3	402.9	2.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Calendar year:												
1943 <sup>2</sup> .....	580.8	4.5	636.4	4.9	701.4	5.4	335.9	2.6	2,210.5	17.1	4,465	34.5
1944 <sup>2</sup> .....	638.1	4.9	650.2	5.0	690.2	5.3	382.9	3.0	2,147.6	16.7	4,509	34.9
1945 <sup>2</sup> .....	526.4	4.1	719.5	5.5	929.0	7.2	431.2	3.3	2,943.9	22.7	5,550	42.8
1946 <sup>2</sup> .....	554.7	4.0	862.0	6.2	1,051.7	7.5	447.2	3.2	3,528.4	25.4	6,444	46.3
1947 <sup>2</sup> .....	551.4	3.8	834.9	5.8	836.0	5.8	391.0	2.7	3,087.7	21.6	5,701	39.7

<sup>1</sup> Asparagus, lima beans, beets, carrots, Irish potatoes, pickles (including bulk stock), pimientos, pumpkin and squash, sauerkraut (including bulk stock), spinach, succotash, sweetpotatoes, tomato juice, pulp, catsup, paste, sauce, and chili sauce, other greens, and mixed vegetables. Excludes baked beans, soups, baby foods, hominy, and other minor vegetables.

<sup>2</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age and for members of the armed forces not eating out of civilian supplies. All data preliminary.

<sup>3</sup> Not available.

Bureau of Agricultural Economics. All data revised in this table, beginning with 1934.

TABLE 352.—Frozen vegetables: United States pack, by varieties, 1937-46

Commodity	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Asparagus.....	6,259	8,030	7,366	5,967	7,510	6,000	10,200	12,300	20,638	28,316
Beans, snap.....	7,304	9,357	6,040	6,041	8,849	13,800	28,000	23,500	31,460	40,975
Beans, lima.....	17,995	19,650	15,412	16,784	20,470	31,000	21,000	30,000	28,476	50,083
Broccoli.....	2,094	2,484	2,700	1,859	3,466	3,200	5,000	8,000	11,656	25,789
Brussels sprouts.....	239	595	668	767	1,868	3,700	5,000	4,900	6,606	13,521
Carrots.....	332	164	411	1,981	1,051	1,000	2,300	900	6,051	9,069
Cauliflower.....	282	497	720	656	1,515	1,200	2,500	4,800	7,391	13,237
Corn, cut.....	4,067	5,670	3,019	4,538	6,919	10,000	21,500	21,000	25,551	42,427
Corn, on cob.....	2,783	2,290	2,589	2,948	2,681	2,300	800	600	445	2,296
Mixed vegetables.....						1,000	2,200	2,900		
Peas.....	26,198	34,084	26,594	35,802	44,072	66,200	75,000	79,200	103,834	140,603
Peas and carrots.....	163	839	509	432	1,143	1,100	1,600	2,100	5,322	7,186
Rhubarb.....						800	4,000	4,400	6,852	10,566
Spinach.....	4,333	3,773	3,753	4,084	4,936	16,600	26,700	32,000	36,721	38,185
Squash and pumpkin.....	407	715	913	644	1,479	2,600	12,000	10,000	7,354	10,009
Succotash.....						100	200	1,100	1,757	3,410
Miscellaneous.....	54	1,604	1,882	768	1,231	2,800	5,300	800	7,855	14,329
Total.....	72,510	89,752	72,577	83,275	107,190	163,400	223,300	238,500	307,977	450,000

Bureau of Agricultural Economics. Data for 1937-41 from "Western Canner and Packer" (Yearbook for 1943); 1942-44, Inter-Agency Supply Estimates Committee, U. S. Department of Agriculture; 1945 and 1946, National Association of Frozen Food Packers.

TABLE 353.—Frozen vegetables: United States pack, 1947

Commodity	East and South <sup>1</sup>	Mid-west <sup>2</sup>	West <sup>3</sup>	Total	Commodity	East and South <sup>1</sup>	Mid-west <sup>2</sup>	West <sup>3</sup>	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Asparagus.....	4,288	243	6,206	10,737	Peas and carrots.....	1,690		3,611	5,302
Beans, snap.....	16,880	755	13,276	30,911	Pumpkin and squash.....	461	1,505	3,223	5,190
Beans, lima.....	29,327	1,351	36,899	67,578	Rhubarb.....	236	377	924	1,538
Broccoli.....	1,876		8,738	10,614	Spinach..... <sup>5</sup>	15,701		7,578	23,279
Brussels sprouts.....			3,299	3,299	Succotash.....	926	2,193	644	3,763
Carrots.....		381	2,524	2,905	Miscellaneous vegetables <sup>6</sup> .....	4,566	2,366	4,021	10,953
Cauliflower.....	<sup>5</sup> 206		4,625	4,831	Total.....	102,671	32,193	210,443	345,307
Corn, cut.....	5,127	4,150	17,282	26,559					
Corn, on cob.....	538	459	5,067	6,064					
Peas.....	22,726	16,466	92,594	131,786					

<sup>1</sup> Maine, Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Missouri, Delaware, Maryland, Virginia, North Carolina, Georgia, Florida, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, and Texas.

<sup>2</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, and Nebraska.

<sup>3</sup> Montana, Idaho, Wyoming, Colorado, Utah, Washington, Oregon, and California.

<sup>4</sup> Includes some packed in the East.

<sup>5</sup> Includes some packed in the Midwest.

<sup>6</sup> Artichokes, beets, beet greens, blackeye peas, broccoli greens, celery, collards, kale, mixed vegetables, mushrooms, mustard greens, okra, peppers, pimientos, soybeans, sweetpotatoes, Swiss chard, tampala, tomatoes, tomato juice, tomato puree, and turnip greens.

National Association of Frozen Food Packers; annual report published in April 1948.

TABLE 354.—Fruits and vegetables: Unloads of 27 commodities as reported at 8 markets,

Commodity	Boston			New York			Philadelphia		
	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total
<b>Fruits:</b>	<i>Car-</i>	<i>Car-</i>	<i>Car-</i>	<i>Car-</i>	<i>Car-</i>	<i>Car-</i>	<i>Car-</i>	<i>Car-</i>	<i>Car-</i>
	<i>lots</i>	<i>lots</i>	<i>lots</i>	<i>lots</i>	<i>lots</i>	<i>lots</i>	<i>lots</i>	<i>lots</i>	<i>lots</i>
Apples.....	673	1,319	1,992	3,215	4,992	8,207	862	1,931	2,793
Grapefruit.....	1,292	5	1,297	6,133	-----	6,133	1,369	85	1,454
Grapes.....	1,913	12	1,925	6,830	24	6,854	1,699	49	1,748
Lemons.....	656	-----	656	2,727	-----	2,727	781	14	795
Mixed citrus.....	382	-----	382	1,515	-----	1,515	521	-----	521
Oranges.....	5,250	-----	5,250	17,854	7	17,861	5,223	259	5,482
Peaches.....	1,104	141	1,245	2,203	2,632	4,835	569	1,335	1,904
Pears.....	656	-----	656	3,745	203	3,948	799	101	900
Plums and fresh prunes	279	-----	279	2,014	18	2,032	497	5	502
Strawberries.....	212	353	565	249	563	812	43	314	357
Tangerines.....	220	2	222	1,030	29	1,059	289	18	307
<b>Total.....</b>	<b>12,637</b>	<b>1,832</b>	<b>14,469</b>	<b>47,515</b>	<b>8,468</b>	<b>55,983</b>	<b>12,652</b>	<b>4,111</b>	<b>16,763</b>
<b>Vegetables:</b>									
Beans (snap, lima, and fava)	313	444	757	1,735	3,644	5,379	284	1,556	1,840
Cabbage.....	1,042	451	1,493	2,746	2,931	5,677	1,092	1,780	2,872
Cantaloups <sup>2</sup> .....	1,350	65	1,415	6,350	259	6,609	1,788	342	2,130
Carrots.....	1,343	468	1,811	4,157	707	4,864	1,294	237	1,531
Cauliflower.....	398	265	663	1,369	1,771	3,140	402	512	914
Celery.....	1,047	658	1,705	3,164	1,514	4,678	1,485	557	2,042
Cucumbers.....	220	548	768	1,026	1,912	2,938	117	677	794
Lettuce.....	2,218	768	2,986	7,430	3,056	10,486	3,017	907	3,924
Mixed vegetables.....	827	-----	827	3,621	-----	3,621	787	-----	787
Onions.....	1,758	142	1,900	4,847	2,051	6,898	1,709	707	2,416
Peas, green.....	197	10	207	1,362	79	1,441	517	48	565
Potatoes.....	6,372	903	7,275	11,640	10,766	22,406	4,047	6,227	10,294
Spinach.....	372	462	834	1,057	2,345	3,402	181	791	972
Sweet potatoes.....	255	366	621	611	2,344	2,955	105	1,371	1,476
Tomatoes.....	2,396	386	2,782	6,308	2,373	8,681	1,614	1,402	3,016
Watermelons.....	892	14	906	3,219	266	3,485	1,463	453	1,916
<b>Total.....</b>	<b>21,000</b>	<b>5,950</b>	<b>26,950</b>	<b>60,642</b>	<b>36,018</b>	<b>96,660</b>	<b>19,902</b>	<b>17,567</b>	<b>37,469</b>
<b>Miscellaneous.....</b>	<b>4,530</b>	<b>3,010</b>	<b>7,540</b>	<b>20,494</b>	<b>16,779</b>	<b>37,273</b>	<b>3,469</b>	<b>6,210</b>	<b>9,679</b>
<b>Grand total, 1947.....</b>	<b>38,167</b>	<b>10,792</b>	<b>48,959</b>	<b>128,651</b>	<b>61,265</b>	<b>189,916</b>	<b>36,023</b>	<b>27,888</b>	<b>63,911</b>
<b>Total:</b>									
1938.....	49,742	14,267	64,009	143,609	64,928	208,537	40,802	34,703	75,505
1939.....	49,450	14,033	63,483	138,998	80,503	219,501	41,263	36,233	77,496
1940.....	43,620	10,205	59,825	125,473	82,305	207,778	37,073	37,508	74,641
1941.....	43,246	15,303	58,549	121,454	75,065	196,519	39,244	33,512	72,756
1942.....	36,378	13,853	50,236	109,315	69,879	179,194	35,834	30,085	65,919
1943.....	28,908	10,006	38,914	98,181	54,640	152,821	33,089	23,221	56,310
1944.....	30,899	9,191	40,090	106,702	55,618	162,320	37,153	22,739	59,892
1945.....	38,955	10,117	49,072	110,101	56,310	166,411	38,258	23,375	61,633
1946.....	40,284	9,644	49,928	124,590	60,661	185,251	41,313	26,240	67,553

See footnotes on next page.

and a miscellaneous group, by rail, boat, and motortruck, 1947, and total unloads 1938-47

Atlanta			Chicago			Kansas City			Los Angeles			San Francisco		
Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total	Rail and boat	Motortruck <sup>1</sup>	Total
Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots	Car- lots
796	465	1,261	3,728	1,239	4,967	801	164	965	1,630	2,222	3,852	443	548	991
225	300	525	2,342	266	2,608	610	22	632	105	2,091	2,196	326	224	544
258	9	267	2,340	131	2,471	342	7	349	38	1,815	1,853	178	351	529
351	1	352	1,304	4	1,308	239	1	240	-----	1,382	1,382	1	273	274
68	-----	68	329	-----	329	117	14	131	-----	-----	-----	1	-----	1
747	1,058	1,805	5,825	460	6,285	860	28	888	48	4,427	4,475	93	1,856	1,949
16	912	928	1,604	960	2,564	455	91	546	64	2,813	2,877	3	481	484
49	81	130	1,033	55	1,088	70	2	72	196	736	932	44	108	152
21	-----	21	752	12	764	124	2	126	12	439	451	6	57	63
1	46	47	286	606	892	33	80	113	-----	697	697	-----	232	232
6	138	144	235	127	362	9	8	17	-----	129	129	-----	28	28
4,538	3,010	5,548	19,778	3,860	23,638	3,660	419	4,079	2,093	16,751	18,844	1,089	4,158	5,247
56	1,172	1,228	478	575	1,053	38	79	117	30	1,570	1,600	10	310	320
96	1,415	1,511	1,745	1,227	2,972	456	114	570	67	2,696	2,763	26	479	505
143	704	847	2,461	79	2,540	379	89	468	39	3,109	3,148	23	805	828
197	23	220	2,398	1,116	3,514	518	1	519	195	2,209	2,404	202	636	838
97	18	115	1,430	212	1,642	312	4	316	29	2,504	2,533	1	695	696
164	112	276	2,358	1,312	3,650	448	3	451	25	5,044	5,069	45	825	870
4	94	98	454	847	1,301	37	47	84	4	690	694	3	115	118
726	19	745	6,178	254	6,432	1,416	112	1,528	70	8,074	8,144	40	2,042	2,082
238	85	323	2,301	-----	2,301	598	10	608	33	-----	33	11	-----	11
317	411	728	2,523	1,145	3,668	488	31	519	813	1,195	2,008	610	240	850
4	9	13	372	-----	372	30	1	31	46	446	492	7	243	250
1,729	913	2,642	17,066	41	17,107	3,220	168	3,388	4,111	7,513	11,624	2,407	954	3,361
36	34	70	421	273	694	3	66	69	1	1,064	1,065	7	299	306
1	979	980	1,400	459	1,859	338	51	389	19	837	856	12	264	276
256	1,009	1,265	2,931	984	3,915	561	165	726	381	6,818	7,199	192	1,361	1,553
57	2,449	2,506	2,595	107	2,702	534	139	673	250	2,193	2,443	58	374	432
4,121	9,446	13,567	47,091	8,631	55,722	9,376	1,080	10,456	6,113	45,962	52,075	3,654	9,642	13,286
1,241	3,873	5,114	7,702	4,231	11,933	1,281	566	1,847	6,427	11,248	17,675	1,348	2,869	4,217
7,900	16,329	24,229	74,571	16,722	91,293	14,317	2,065	16,382	14,633	73,961	88,594	6,091	16,669	22,760
4,627	12,207	16,834	69,765	-----	-----	11,800	3,382	15,182	14,805	65,137	79,942	8,436	15,285	23,721
4,371	13,129	17,500	69,559	-----	-----	11,146	3,768	14,914	13,555	69,062	82,617	7,368	17,578	24,946
4,227	13,378	17,605	67,105	17,877	84,982	10,199	3,938	14,137	12,471	74,533	87,004	7,309	17,563	24,872
4,751	15,617	20,368	66,009	21,348	87,357	10,531	5,149	15,680	12,548	72,410	84,958	7,688	17,256	24,944
5,792	13,021	18,813	66,447	17,033	83,480	11,080	4,040	15,120	14,057	60,410	74,467	8,317	16,536	24,853
6,450	10,081	16,531	59,224	14,790	73,014	12,223	4,586	16,809	13,822	56,471	70,293	7,226	16,268	23,494
7,283	10,273	17,556	67,218	15,229	82,447	13,359	2,479	15,838	14,369	57,376	71,745	8,180	15,831	24,011
7,718	11,785	19,503	68,508	14,017	82,525	14,066	3,189	16,255	15,125	63,576	78,701	7,432	16,213	23,645
8,109	15,210	23,319	72,351	16,518	88,869	13,331	2,247	15,578	14,876	70,685	85,561	7,230	16,570	23,800

<sup>1</sup> The reported truck receipts here shown for 1947 are estimated to represent approximately the following percentages of the total 1947 truck receipts in these cities: Atlanta and San Francisco, 95 percent; Philadelphia, Chicago, Kansas City, and Los Angeles, 85 percent; Boston, 80 percent, and New York, 75 percent.

<sup>2</sup> Includes Casaba, Honey Ball, Honey Dew, and Persian melons, and mixed melons of these classes.

Production and Marketing Administration.

TABLE 355.—*Fruits and vegetables, fresh: Volume inspected by the Farm Products Inspection Service, U.S.D.A., United States, 1938-47*

Year beginning July	Inspected at—		Year beginning July	Inspected at—	
	Shipping points	Receiving markets		Shipping points	Receiving markets
	<i>Carlots</i>	<i>Carlots</i>		<i>Carlots</i>	<i>Carlots</i>
1938.....	455,040	48,865	1943.....	555,042	29,737
1939.....	468,293	47,256	1944.....	606,713	30,296
1940.....	498,731	39,131	1945.....	697,271	35,648
1941.....	506,273	38,466	1946.....	758,788	46,506
1942.....	479,249	31,694	1947.....	742,452	49,047

Production and Marketing Administration.—All of the shipping-point inspections were made under cooperative agreements between the Federal and State agencies. Receiving-market inspections were under direct Federal supervision. Some of the shipments inspected at receiving markets had been inspected previously at shipping points.

Shipping-point inspections were mostly for grade, as defined in the Federal standards. A considerable part of the receiving-market inspections was for condition only. Inspections were requested and paid by the shippers and other financially interested parties and were optional with the applicants except when required by State laws or marketing agreements. In addition to the quantities shown, there were inspections of products for canning factories, institutions, steamship lines, and Government agencies, amounting to 199,948 cars in 1947.

The figures, particularly in recent years, include some motortruck or less-than-carlot shipment inspections, which have been converted to a carlot basis. For the year beginning July 1946, shipping-point inspections were made in all 48 States and Hawaii and receiving-market inspections in 58 cities.

TABLE 356.—*Fruits and vegetables, processed: Volume inspected by the Farm Products Inspection Service, U.S.D.A., United States, 1939-47*

Year beginning July	Continuous inspections <sup>1</sup>				Other inspections <sup>2</sup>			
	Canned	Frozen	Dried or dehydrated	Miscellaneous	Canned	Frozen	Dried or dehydrated	Miscellaneous
	<i>1,000 cases</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 cases</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1939.....	111	1,674	95	57	3,434	840	144,000	130
1940.....	4,104	2,500	95	95	8,784	1,080	2,609	1,600
1941.....	14,096	1,474	422	422	105,500	72,680	4,850	200,500
1942.....	26,250	2,634	2,952	1,995	166,315	152,670	5,520	1,222,171
1943.....	32,534	2,700	2,113	5,348	173,862	325,474	104,105	301,293
1944.....	36,975	17,554	2,426	6,454	207,870	219,538	8,269	388,107
1945.....	48,641	34,576	693	12,403	55,067	214,350	386,393	266,631
1946.....	54,770	66,312	27,174	20,672	27,262	225,120	112,589	173,376
1947.....	55,337	58,659	23,704	17,178	33,662	236,744	508,658	213,634

<sup>1</sup> Inspected during and after processing, by Department of Agriculture inspectors stationed at plants voluntarily contracting for this service.

<sup>2</sup> Includes estimated coverage in the case of miscellaneous lots and samples inspected.

Production and Marketing Administration.

TABLE 357.—Fruits and vegetables: Cold-storage holdings as of the annual peak and low point, 1938-47

Year	Apples		Pears		Frozen fruits		Frozen vegetables	
	High (Dec. 1)	Low (Aug. 1)	High (Oct. 1)	Low (May 1)	High (Nov. 1)	Low (May 1)	High (Nov. 1)	Low (June 1)
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	<sup>1</sup> 32,004	214	4,182	<sup>2</sup> 18	<sup>3</sup> 152,921	<sup>2</sup> 90,307	71,391	21,411
1939.....	30,988	<sup>4</sup> 155	3,324	<sup>2</sup> 10	<sup>4</sup> 143,057	76,180	<sup>5</sup> 78,260	<sup>6</sup> 47,425
1940.....	33,838	<sup>7</sup> 1,138	3,058	55	<sup>4</sup> 166,403	76,069	86,047	46,395
1941.....	<sup>8</sup> 31,325	<sup>7</sup> 2,311	4,179	68	<sup>4</sup> 212,347	81,918	<sup>9</sup> 100,440	43,878
1942.....	35,761	<sup>7</sup> 1,253	4,160	46	<sup>5</sup> 225,104	101,810	<sup>5</sup> 117,796	49,548
1943.....	<sup>1</sup> 30,577	<sup>7</sup> 1,816	4,232	90	243,547	<sup>2</sup> 96,515	<sup>9</sup> 195,509	56,689
1944.....	35,616	227	5,106	<sup>10</sup> 6	301,580	<sup>2</sup> 116,950	186,984	98,910
1945.....	<sup>1</sup> 32,686	<sup>10</sup> 586	5,185	<sup>10</sup> 15	381,267	<sup>2</sup> 159,436	204,693	77,131
1946.....	33,413	112	8,138	<sup>2</sup> 14	519,557	<sup>2</sup> 278,169	<sup>9</sup> 331,474	<sup>6</sup> 130,277
1947.....	35,790	219	6,639	<sup>10</sup> 2	<sup>1</sup> 470,710	319,718	<sup>4</sup> 353,239	230,827

<sup>1</sup> Jan. 1. <sup>2</sup> June 1. <sup>3</sup> Aug. 1. <sup>4</sup> Sept. 1. <sup>5</sup> Oct. 1. <sup>6</sup> May 1.

<sup>7</sup> From 1939 to 1943 figures were not gathered for July, August, and September. The figures, as given here, are as of June 1.

<sup>8</sup> Nov. 1. <sup>9</sup> Dec. 1. <sup>10</sup> July 1.

Production and Marketing Administration.

TABLE 358.—Almonds (in the shell): Production, season average price per ton received by farmers, and value, California, and imports, United States, 1929-47<sup>1</sup>

Year	Production	Price	Farm value	Imports, year beginning July <sup>2</sup>	Year	Production	Price	Farm value	Imports, year beginning July <sup>2</sup>
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>
1929.....	4,700	480	2,256	33,258	1939.....	21,600	209	4,514	2,292
1930.....	13,500	200	2,700	22,108	1940.....	12,000	324	3,888	3,309
1931.....	14,800	176	2,605	13,898	1941.....	6,000	704	4,224	6,205
1932.....	14,000	165	2,310	8,177	1942.....	23,800	442	10,520	1,686
1933.....	12,900	186	2,399	5,686	1943.....	17,500	732	12,810	18,876
1934.....	10,900	180	1,962	4,978	1944.....	24,000	744	17,856	37,577
1935.....	9,300	280	2,604	17,927	1945.....	27,200	720	19,584	30,440
1936.....	7,600	402	3,055	19,069	1946.....	37,800	486	18,371	15,067
1937.....	20,000	275	5,500	5,122	1947 <sup>3</sup> .....	29,200	558	16,294	-----
1938.....	15,000	258	3,870	2,510					

<sup>1</sup> The 1940 census reported small quantities of almonds produced in several other States in 1939 but about 99.9 percent of the total production was in California.

<sup>2</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 3.33.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Imports from records of Department of Commerce. Data for 1919-28 in Agricultural Statistics, 1942, table 410.

TABLE 359.—*Filberts (in the shell): Production, season average price per ton received by farmers, and value, Oregon and Washington, and imports, United States, 1929-47*<sup>1</sup>

Year	Oregon			Washington			Oregon and Washington			Imports, year beginning July <sup>3</sup>
	Production <sup>2</sup>	Price	Farm value	Production	Price	Farm value	Production <sup>2</sup>	Price	Farm value	
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons
1929.....	200	300	60							7,877
1930.....	300	340	102							7,931
1931.....	380	250	95	40	260	10	420	250	105	5,797
1932.....	400	200	80	90	210	19	490	202	99	6,570
1933.....	930	300	279	140	280	39	1,070	297	318	3,525
1934.....	1,000	200	200	210	210	44	1,210	202	244	3,544
1935.....	1,100	260	286	140	285	40	1,240	263	326	3,993
1936.....	1,850	270	500	250	270	68	2,100	270	568	4,798
1937.....	2,230	215	479	340	230	78	2,570	217	557	2,278
1938.....	2,060	220	453	380	250	95	2,440	225	548	2,221
1939.....	3,300	220	726	590	262	155	3,890	226	881	3,493
1940.....	2,700	240	648	510	300	153	3,210	250	801	1,672
1941.....	4,900	300	1,470	850	340	289	5,750	306	1,759	92
1942.....	3,600	346	1,211	670	380	255	4,270	352	1,466	66
1943.....	6,200	500	3,050	830	490	407	7,030	499	3,457	1,173
1944.....	5,600	540	2,970	920	540	497	6,520	540	3,467	8,072
1945.....	4,500	550	2,475	820	558	458	5,320	551	2,933	11,089
1946.....	7,300	380	2,774	1,150	408	469	8,450	384	3,243	13,451
1947 <sup>4</sup> .....	7,700	250	1,925	1,100	290	319	8,800	255	2,244	-----

<sup>1</sup> The 1940 census reported small quantities of hazelnuts (filberts) produced in several other States in 1939, but 99.8 percent of the total production was in Oregon and Washington.

<sup>2</sup> Includes the following quantities unharvested on account of economic conditions (tons): 1942-100; 1943-100; 1944-100. Price and value apply only to the harvested portion of the crop.

<sup>3</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.22.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Imports from records of Department of Commerce.

TABLE 360.—*Pecans (in the shell): Production, season average price per pound received by farmers, and value, 12 States,<sup>1</sup> and foreign trade, United States, 1929-47*

Year	Improved varieties			Seedlings			Total			Foreign trade	
	Production	Price <sup>2</sup>	Farm value	Production	Price <sup>2</sup>	Farm value	Production	Price <sup>2</sup>	Farm value	Imports <sup>3</sup>	Domestic exports <sup>3</sup>
	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds
1929.....	8,839	31.7	2,803	44,501	11.4	5,054	53,340	14.7	7,867	731	-----
1930.....	13,875	27.7	3,843	43,260	10.8	4,692	57,135	14.9	8,535	503	-----
1931.....	22,002	13.9	3,059	66,461	5.8	3,839	88,463	7.8	6,898	461	-----
1932.....	11,813	13.5	1,596	56,421	4.4	2,480	68,234	6.0	4,076	24	-----
1933.....	22,941	13.0	2,975	55,871	6.0	3,349	78,812	8.0	6,324	711	-----
1934.....	19,468	15.5	3,021	36,704	11.0	4,037	56,172	12.6	7,058	1,035	-----
1935.....	29,464	12.4	3,657	95,021	5.0	4,747	124,485	6.8	8,404	699	363
1936.....	32,257	14.7	4,740	27,530	9.6	6,650	59,787	12.4	7,390	122	1,806
1937.....	40,026	10.9	4,369	67,164	5.8	3,919	107,190	7.7	8,288	465	2,614
1938.....	35,291	11.8	4,153	39,032	7.2	2,817	74,323	9.4	6,970	386	3,853
1939.....	40,944	12.2	4,975	56,116	7.8	4,399	97,060	9.7	9,374	563	2,488
1940.....	42,126	12.8	5,391	89,758	6.9	5,579	122,884	8.9	10,970	358	1,012
1941.....	51,452	12.8	6,593	70,329	8.5	5,972	121,781	10.3	12,535	4	563
1942.....	45,383	18.9	8,571	31,991	14.6	4,673	77,374	17.1	13,244	7	75
1943.....	57,173	28.5	16,277	75,869	19.0	14,381	133,042	23.0	30,658	838	1,206
1944.....	61,218	27.8	16,996	82,001	17.0	13,965	143,219	21.6	30,961	432	3,953
1945.....	59,316	29.1	17,285	81,860	20.0	16,403	141,176	23.9	33,693	850	4,208
1946.....	33,635	40.1	13,484	43,071	28.9	12,465	76,706	33.8	25,949	660	3,001
1947 <sup>4</sup> .....	44,870	29.5	13,220	73,769	18.4	13,560	118,639	22.6	26,780	1,384	600

<sup>1</sup> North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, and—through 1946—Illinois and Missouri.

<sup>2</sup> Prior to 1937 prices are as of Dec. 1.

<sup>3</sup> Exports of shelled nuts converted to in-the-shell basis at ratio of 1 to 2.5. Imports of shelled nuts converted at ratio of 1 to 2.63.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade data from Foreign Commerce and Navigation of the United States. Data for 1919-23 in Agricultural Statistics, 1942, table 412.



TABLE 361.—Pecans (in the shell): Production and season average price per pound received by farmers, by States, average 1936-45, annual 1946 and 1947

## IMPROVED VARIETIES

State	Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
North Carolina.....	2,383	1,224	1,734	20.8	40.6	33.0
South Carolina.....	2,021	1,180	2,200	19.6	41.0	27.0
Georgia.....	22,037	13,000	23,532	17.7	42.5	28.5
Florida.....	2,228	2,650	1,670	16.1	36.0	24.4
Alabama.....	7,554	6,642	6,175	16.9	38.4	29.4
Mississippi.....	3,647	1,920	1,305	16.8	36.5	32.0
Arkansas.....	630	250	654	21.8	46.0	25.0
Louisiana.....	2,394	2,250	1,400	18.2	35.1	35.5
Oklahoma.....	996	1,100	3,100	20.4	42.2	31.0
Texas.....	2,582	3,400	3,104	21.3	41.0	35.0
Other States <sup>2</sup> .....	48	19	-----	-----	-----	-----
United States.....	46,519	33,635	44,870	18.0	40.1	29.5

## SEEDLINGS

North Carolina.....	303	120	306	15.8	31.8	26.0
South Carolina.....	342	226	350	13.8	29.5	18.0
Georgia.....	3,928	3,000	4,153	12.4	31.2	20.5
Florida.....	1,658	1,876	1,104	11.6	29.5	20.0
Alabama.....	1,894	2,098	1,265	12.0	29.8	22.0
Mississippi.....	3,092	2,430	1,595	11.4	28.0	19.0
Arkansas.....	3,125	950	3,196	12.3	34.0	18.0
Louisiana.....	6,457	6,750	3,000	11.7	29.4	21.0
Oklahoma.....	16,014	5,900	40,900	11.4	28.7	17.5
Texas.....	23,023	19,100	17,900	11.6	28.0	19.0
Other States <sup>2</sup> .....	1,427	621	-----	-----	-----	-----
United States.....	61,265	43,071	73,769	11.6	28.9	18.4

## TOTAL

North Carolina.....	2,686	1,344	2,040	20.2	39.8	32.0
South Carolina.....	2,364	1,406	2,550	18.7	39.2	25.8
Georgia.....	25,965	16,000	27,685	16.8	40.4	27.3
Florida.....	3,856	4,526	2,774	14.2	33.3	22.6
Alabama.....	9,448	8,740	7,440	15.9	36.3	28.1
Mississippi.....	6,739	4,350	2,900	14.3	31.7	24.9
Arkansas.....	3,755	1,200	3,850	13.9	36.5	19.2
Louisiana.....	8,851	9,000	4,400	13.5	30.8	25.6
Oklahoma.....	17,010	7,000	44,000	12.0	30.8	18.5
Texas.....	25,605	22,500	21,000	12.6	30.0	21.4
Other States <sup>2</sup> .....	1,475	640	-----	-----	-----	-----
United States.....	107,784	76,706	118,639	14.4	33.8	22.6

<sup>1</sup> Preliminary.<sup>2</sup> "Other States" totals include Illinois and Missouri. Estimates of pecan production for those States were discontinued, beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 362—Walnuts, Persian (English), in the shell: Production, season average price per ton received by farmers, and value, California and Oregon, and foreign trade, United States, 1929-47

Year	California			Oregon			California and Oregon			Foreign trade, year beginning July <sup>2</sup>	
	Production <sup>1</sup>	Price	Farm value	Production <sup>1</sup>	Price	Farm value	Production <sup>1</sup>	Price	Farm value	Domes- tic ex- ports	Im- ports
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Tons
1929.....	42,000	320	13,440	1,400	360	504	43,400	321	13,944	-----	24,073
1930.....	29,400	410	12,054	900	400	360	30,300	410	12,414	-----	21,204
1931.....	31,600	219	6,920	2,600	275	715	34,200	223	7,635	-----	15,521
1932.....	45,900	175	8,032	3,200	240	768	49,100	179	8,800	-----	8,044
1933.....	32,700	222	7,259	1,300	280	364	34,000	224	7,623	-----	6,762
1934.....	44,000	187	8,228	3,100	250	775	47,100	191	9,003	<sup>3</sup> 426	6,288
1935.....	53,300	201	10,713	4,100	230	943	57,400	203	11,656	6,049	5,108
1936.....	44,200	216	9,547	1,600	255	408	45,800	217	9,955	6,160	5,926
1937.....	59,800	180	10,764	2,600	200	380	62,400	181	11,144	5,192	5,643
1938.....	49,000	222	10,878	6,300	215	1,354	55,300	221	12,232	6,353	4,638
1939.....	57,400	168	9,643	5,100	170	867	62,500	168	10,510	4,347	5,438
1940.....	46,400	233	10,811	4,400	200	880	50,800	230	11,691	1,948	5,447
1941.....	63,000	253	15,939	7,000	240	1,680	70,000	252	17,619	2,006	3,322
1942.....	57,600	308	16,971	3,600	286	901	61,200	307	17,872	360	302
1943.....	58,500	483	28,256	5,300	420	2,142	63,800	478	30,398	1,174	2
1944.....	65,000	446	28,990	6,800	450	2,925	71,800	446	31,915	1,990	26
1945.....	64,000	514	32,896	6,900	460	3,082	70,900	509	35,978	3,502	455
1946.....	63,000	570	35,910	8,900	440	3,916	71,900	554	39,826	2,826	997
1947 <sup>4</sup> .....	59,000	364	21,476	5,600	310	1,705	64,600	359	23,181	-----	-----

<sup>1</sup> Includes the following quantities unharvested on account of economic conditions and/or not utilized because of abnormal cullage (tons): California, 1942—2,500; Oregon, 1937—700; 1942—450; 1943—200; 1944—300; 1945—200; 1947—100. Price and value apply only to the harvested portion of the crop.

<sup>2</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.38.

<sup>3</sup> Beginning Jan. 1, 1935; not segregated prior to that date.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Foreign trade data from records of Department of Commerce. Data for 1919-28 in Agricultural Statistics, 1942, table 414.

TABLE 363.—*Tree nuts: Estimated commercial production in specified foreign countries, averages 1930-34 and 1935-39, annual 1942-47*

Commodity and country	Averages		1942	1943	1944	1945	1946 <sup>1</sup>	1947 <sup>1</sup>
	1930-34	1935-39						
<b>Almonds (shelled basis):</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
France.....	1,200	700	800	600	1,000	500	700	1,000
French Morocco.....	2,000	2,800	1,600	1,100	600	3,300	2,400	1,000
Iran.....	( <sup>2</sup> )	7,500	5,300	7,000	5,300	6,600	7,700	5,500
Italy.....	29,300	31,800	14,500	21,400	22,700	50,600	33,000	42,000
Portugal.....	2,700	3,000	2,000	2,100	1,700	2,300	3,700	1,100
Spain.....	24,700	23,100	27,000	29,000	20,900	26,400	24,200	22,000
Total.....	<sup>3</sup> 59,900	68,900	51,200	61,200	52,200	89,700	71,700	72,600
<b>Brazil nuts (in the shell):</b>								
Brazil.....	36,500	39,200	14,500	3,600	3,300	6,800	27,500	30,300
Bolivia.....	1,600	3,700	1,700	0	0	100	0	100
Total.....	38,100	42,900	16,200	3,600	3,300	6,900	27,500	30,400
<b>Filberts (in the shell):</b>								
Italy.....	22,900	24,000	19,100	15,400	21,300	15,700	47,800	9,900
Spain.....	24,300	26,800	19,800	17,600	38,000	18,000	18,200	33,000
Turkey.....	49,700	65,400	68,800	60,500	52,800	33,000	90,000	58,400
Total.....	96,900	116,200	107,700	93,500	112,100	66,700	156,000	101,300
<b>Walnuts, Persian (English) (in the shell):</b>								
Bulgaria.....	3,200	4,700	5,000	4,100	4,400	2,200	3,000	3,000
France.....	39,000	38,300	24,100	12,900	22,000	12,100	20,900	27,500
Hungary.....	3,000	2,100	2,800	2,200	1,900	1,100	3,200	3,300
Italy.....	15,700	16,500	15,000	10,900	13,800	16,500	13,800	13,800
Rumania.....	10,700	14,200	4,400	3,300	1,600	1,400	1,100	1,000
Turkey.....	7,800	8,000	8,800	5,500	5,500	2,000	5,000	2,200
Yugoslavia.....	8,200	7,500	2,200	1,600	2,200	5,100	5,000	1,000
Total.....	87,600	91,300	62,300	40,500	51,400	40,400	52,000	51,800

<sup>1</sup> Preliminary.<sup>2</sup> No data available.<sup>3</sup> Excluding Iran.

Office of Foreign Agricultural Relations. Compiled from trade reports and official sources. Data for 1930-41 in Agricultural Statistics, 1945, tables 333, 334, 336, and 340.

TABLE 364.—Tree nuts: Supply and distribution, United States, 1909-48<sup>1</sup>

Crop year	U. S. production <sup>2</sup>	Imports <sup>3</sup>	Total supply	Exports <sup>3</sup>	Shipments to Territories	Military and war services <sup>4</sup>	Civilian disappearance	Loss in shelling process	Net civilian disappearance	
									Total	Per capita
									In-the-shell basis	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1909	23,000	148,302	171,302				171,302	98,183	73,119	0.80
1910	26,600	138,177	164,777				164,777	95,491	69,286	.74
1911	29,000	143,091	172,091				172,091	97,710	74,381	.79
1912	32,000	125,783	157,783				157,783	92,209	65,574	.68
1913	27,400	161,368	188,768				188,768	106,516	82,252	.84
1914	23,800	142,000	165,800				165,800	95,231	70,569	.71
1915	37,400	147,782	185,182				185,182	105,832	79,350	.78
1916	37,400	164,750	202,150				202,150	121,925	80,225	.78
1917	42,000	165,685	207,685				207,685	124,716	82,969	.80
1918	54,200	153,014	207,214				207,214	128,200	79,014	.75
1919	145,370	238,236	383,606				383,606	230,357	153,249	1.45
1920	68,275	169,582	237,857				237,857	122,691	105,166	.98
1921	107,255	265,890	373,145				373,145	217,801	155,344	1.42
1922	88,155	237,987	326,142	4,818			321,324	184,941	136,383	1.23
1923	133,930	249,351	383,281	6,263			377,018	216,259	160,759	1.42
1924	103,298	246,879	350,177	4,382			345,795	197,266	148,529	1.29
1925	140,563	223,350	363,913	4,972			358,941	207,129	151,812	1.30
1926	160,261	221,076	381,337	6,145			375,192	213,835	161,357	1.36
1927	164,824	165,898	330,722	6,206			324,516	192,833	131,683	1.10
1928	151,750	208,293	360,043	5,315			354,728	204,822	149,906	1.24
1929	149,940	183,171	333,111	6,808	567		325,736	192,482	133,254	1.09
1930	145,335	186,242	331,577	7,303	494		323,780	192,800	130,980	1.05
1931	187,303	182,141	369,444	9,417	635		359,392	218,249	141,143	1.13
1932	195,414	125,706	321,120	6,845	583		313,692	186,278	127,414	1.01
1933	174,752	142,401	317,153	25,710	613		290,830	179,126	111,704	.88
1934	174,592	163,505	338,097	12,462	609		325,026	201,144	123,882	.97
1935	260,365	214,274	474,639	18,241	626		455,772	285,988	169,784	1.32
1936	170,787	236,878	407,665	18,323	658		388,684	246,466	142,218	1.10
1937	277,130	197,005	474,135	15,063	717		458,355	286,017	172,338	1.32
1938	219,803	211,097	430,900	17,207	831		412,862	261,418	151,444	1.15
1939	273,040	199,106	472,146	12,758	1,009		458,379	285,800	172,579	1.30
1940	254,904	245,838	500,742	5,494	952		494,296	316,684	177,612	1.33
1941	284,907	205,848	490,755	6,085	1,156		483,514	314,936	168,578	1.25
1942	255,914	64,375	320,289	1,726	938	2,000	315,625	194,228	121,405	.93
1943	309,702	77,452	387,154	6,956	941	2,160	377,097	237,384	139,713	1.08
1944	347,859	182,648	530,507	8,202	2,348	12,836	507,121	328,230	178,891	1.38
1945	348,016	239,277	587,293	29,252	2,032	7,586	548,423	358,000	190,423	1.41
1946	313,006	251,051	564,057	15,799	1,633	1,924	544,701	344,491	200,210	1.42
1947	323,840	245,463	569,303	10,267	1,610		557,426	362,327	195,099	1.35
1948 <sup>5</sup>	366,692									

<sup>1</sup> These data on tree nuts include almonds, filberts, pecans, walnuts, Brazil nuts, pignolia, pistache, chestnuts, cashews, and miscellaneous tree nuts.

<sup>2</sup> Almonds, filberts, walnuts, and pecans only; no reports on other nuts.

<sup>3</sup> Foreign trade data on a fiscal-year basis, beginning July 1 of year indicated.

<sup>4</sup> Estimated requirements.

<sup>5</sup> As of Dec. 1.

Bureau of Agricultural Economics.

TABLE 365.—*Coffee: Estimated exportable production in principal producing countries, averages 1930-34 and 1935-39, annual 1941-47*<sup>1</sup>

Continent and country	Average		1941	1942	1943	1944	1945	1946 <sup>4</sup>	1947 <sup>4</sup>
	1930-34 <sup>2</sup>	1935-39 <sup>3</sup>							
	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>	1,000 bags <sup>5</sup>
<b>North America:</b>									
Costa Rica.....	326	330	350	383	314	392	205	313	410
El Salvador.....	835	1,011	989	1,021	936	815	748	978	1,035
Guatemala.....	668	810	830	863	857	860	812	900	850
Honduras.....	25	27	33	31	42	50	30	50	55
Mexico.....	527	609	536	535	508	450	550	525	565
Nicaragua.....	236	253	245	161	189	197	180	180	240
Dominican Republic.....	136	222	207	166	188	188	105	193	135
Haiti.....	481	438	373	270	429	383	400	400	365
<b>Total.....</b>	<b>3,234</b>	<b>3,700</b>	<b>3,563</b>	<b>3,430</b>	<b>3,463</b>	<b>3,335</b>	<b>3,030</b>	<b>3,539</b>	<b>3,655</b>
<b>Asia:</b>									
Arabian States.....	78	77	70	70	75	80	83	100	100
India.....	145	155	71	69	51	22	24	50	40
Netherlands Indies.....	1,388	1,356	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
<b>Total.....</b>	<b>1,611</b>	<b>1,588</b>	<b>141</b>	<b>179</b>	<b>126</b>	<b>102</b>	<b>107</b>	<b>150</b>	<b>140</b>
<b>South America:</b>									
Brazil.....	22,523	22,638	15,797	13,613	12,160	8,277	12,500	14,563	16,687
Colombia.....	3,300	4,202	5,132	4,927	5,167	5,051	5,051	6,040	6,000
Ecuador.....	167	223	178	86	170	198	185	120	185
Peru.....	42	47	37	35	44	49	50	15	0
Venezuela.....	796	740	941	300	200	669	500	550	600
<b>Total.....</b>	<b>26,828</b>	<b>27,850</b>	<b>22,085</b>	<b>18,961</b>	<b>17,741</b>	<b>14,244</b>	<b>17,986</b>	<b>21,288</b>	<b>23,472</b>
<b>Africa:</b>									
Belgian Congo.....	142	300	396	411	448	480	400	<sup>7</sup> 496	<sup>7</sup> 525
British East Africa.....	542	775	726	647	685	686	749	775	825
Ethiopia.....	280	263	( <sup>6</sup> )	( <sup>6</sup> )	198	222	257	250	250
French Equatorial Africa.....	6	31	27	102	52	37	46	50	50
French Cameroons.....	11	52	110	141	84	80	100	85	90
Ivory Coast.....	40	224	333	384	408	653	607	732	700
Madagascar.....	233	437	442	342	342	284	317	392	332
Angola <sup>8</sup> .....	183	273	296	333	335	383	526	783	676
<b>Total.....</b>	<b>1,437</b>	<b>2,355</b>	<b>2,330</b>	<b>2,360</b>	<b>2,552</b>	<b>2,825</b>	<b>2,993</b>	<b>3,563</b>	<b>3,448</b>
<b>Total of data shown.....</b>	<b>33,110</b>	<b>35,493</b>	<b>28,119</b>	<b>24,890</b>	<b>23,882</b>	<b>20,506</b>	<b>24,116</b>	<b>28,540</b>	<b>30,715</b>

<sup>1</sup> Figures are for crop years. Generally the main coffee-harvesting period begins in the fall months of the year shown and extends into the early months of the following year, except in certain Southern Hemisphere countries such as Brazil, Madagascar, and the Netherlands Indies, where the main harvest begins in May or June of the year shown.

<sup>2</sup> Exports for 1931-35 used for all countries except Brazil and Colombia.

<sup>3</sup> Exports used in cases where other data are not obtainable.

<sup>4</sup> Preliminary.

<sup>5</sup> Bags of 132.276 pounds (60 kilograms).

<sup>6</sup> No data available.

<sup>7</sup> Includes Ruanda—Urundi.

<sup>8</sup> Revised on basis of new data received.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information.

TABLE 366.—Cacao beans: Exports from principal producing countries, averages 1930-34 and 1935-39, annual 1941-47

Continent and country	Averages		1941	1942	1943	1944	1945	1946 <sup>1</sup>	1947 <sup>1</sup>
	1930-34	1935-39							
The Americas:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Costa Rica.....	14,690	14,356	12,430	12,397	12,225	9,221	2,881	8,750	10,552
Nicaragua.....	426	792	478	514	537	91	289	897	598
Panama.....	<sup>2</sup> 7,890	<sup>2</sup> 10,418	6,542	4,309	6,149	3,624	817	4,781	6,509
Cuba.....	869	93	35	—	—	—	—	—	—
Dominica.....	817	315	407	251	402	333	297	( <sup>3</sup> )	( <sup>3</sup> )
Dominican Republic.....	46,948	54,049	42,521	39,117	61,597	56,354	41,347	55,548	66,134
Grenada.....	9,612	8,586	7,251	5,951	7,873	6,985	6,522	5,804	( <sup>3</sup> )
Haiti <sup>4</sup> .....	2,980	3,349	3,317	2,749	3,890	3,221	2,787	2,765	4,194
Jamaica.....	5,159	4,750	4,922	4,689	4,850	4,581	1,996	3,191	4,067
Trinidad and Tobago.....	46,190	31,635	18,787	10,108	8,009	10,623	7,732	6,627	8,979
Brazil.....	194,218	263,980	293,088	158,519	253,793	224,693	183,938	287,613	218,350
Ecuador.....	35,166	<sup>2</sup> 42,372	31,818	30,338	40,038	30,313	37,097	35,517	43,324
Venezuela.....	35,179	36,934	28,365	26,795	32,960	35,383	27,696	28,810	22,900
Total.....	399,644	471,579	449,961	295,737	432,263	385,422	313,399	440,303	385,607
Africa:									
Belgian Congo.....	2,490	2,809	2,822	3,210	1,748	1,687	4,345	2,406	2,402
French Cameroons.....	31,806	58,349	44,910	33,144	71,546	77,366	84,762	73,975	( <sup>3</sup> )
Ivory Coast and Dahomey.....	64,280	109,937	94,723	63,038	1,199	32,350	59,399	62,562	( <sup>3</sup> )
French Togoland <sup>5</sup> .....	14,480	20,630	6,537	7,937	5,509	4,332	6,349	4,074	( <sup>3</sup> )
Gold Coast <sup>6</sup> .....	508,395	609,363	490,426	277,529	419,648	454,346	484,359	529,348	396,789
Nigeria <sup>7</sup> .....	141,071	<sup>2</sup> 216,318	234,485	134,259	195,971	156,914	172,489	224,417	248,134
Angola.....	<sup>2</sup> 586	679	336	429	417	220	227	873	784
Sao Thome and Principe.....	<sup>2</sup> 24,369	22,496	11,323	9,436	11,043	27,015	17,882	22,734	( <sup>3</sup> )
Spanish Guinea.....	23,512	<sup>8</sup> 25,168	<sup>9</sup> 24,894	<sup>9</sup> 30,750	<sup>9</sup> 28,296	<sup>9</sup> 28,605	<sup>9</sup> 32,436	<sup>9</sup> 29,586	( <sup>3</sup> )
Total.....	810,959	1,065,749	910,456	559,732	735,437	782,835	862,248	949,975	-----
Asia and Oceania:									
Ceylon.....	8,575	7,931	<sup>2</sup> 8,117	7,274	6,978	5,145	4,524	3,051	4,097
Netherlands Indies.....	<sup>2</sup> 3,587	<sup>2</sup> 3,348	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
New Hebrides.....	4,095	3,916	3,748	3,307	2,425	3,748	2,646	( <sup>3</sup> )	( <sup>3</sup> )
Western Samoa.....	1,931	2,326	3,761	3,927	2,533	3,089	4,402	4,224	5,327
Total.....	18,188	17,521	15,626	14,508	11,936	11,982	11,572	7,275	9,424
Total of data shown.....	1,228,821	1,554,849	1,376,043	869,977	1,179,636	1,180,239	1,187,219	1,397,553	-----

<sup>1</sup> Preliminary.<sup>2</sup> Revised.<sup>3</sup> Not available.<sup>4</sup> 12 months ended Sept. 30 of year shown.<sup>5</sup> Includes some Gold Coast cacao.<sup>6</sup> Includes British Mandated Togoland.<sup>7</sup> Includes British Mandated Cameroons.<sup>8</sup> 3-year average.<sup>9</sup> Imports into Spain.

Office of Foreign Agricultural Relations. Prepared from official statistics of foreign governments and reports of United States foreign service officers.

TABLE 367.—Tea: Exports from principal producing countries, averages 1930-34 and 1935-39, annual 1941-47

Continent and country	Averages		1941	1942	1943	1944	1945	1946 <sup>1</sup>	1947 <sup>1</sup>
	1930-34	1935-39							
Asia:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
British India <sup>2</sup> .....	343,849	331,243	381,951	322,917	<sup>3</sup> 407,520	<sup>3</sup> 415,484	362,770	( <sup>4</sup> )	( <sup>4</sup> )
Ceylon.....	234,931	221,568	237,537	265,675	263,885	276,215	232,003	291,775	287,259
China.....	93,934	79,483	20,102	3,194	2,863	1,134	( <sup>4</sup> )	15,211	36,251
French Indochina.....	1,625	3,913	4,136	26	( <sup>4</sup> )	220	( <sup>4</sup> )	( <sup>4</sup> )	1,470
Formosa (Taiwan).....	17,325	21,919	16,209	14,989	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>5</sup> )	( <sup>6</sup> )
Japan.....	27,303	43,280	27,111	11,370	18,582	14,855	16,211	7,543	6,695
Netherlands Indies.....	161,219	153,175	<sup>6</sup> 167,048	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	6,100	8,670
Africa:									
Kenya.....	<sup>3</sup> 1,130	8,218	10,370	11,520	9,528	9,238	9,526	8,951	9,586
Uganda.....	<sup>4</sup> 15	135	894	1,440	1,117	1,428	2,033	1,342	2,417
Nyasaland.....	2,875	8,834	12,283	12,382	10,975	12,483	13,717	13,839	12,940
Tanganyika.....	3	216	761	1,081	1,126	735	896	1,401	1,001
Total of data shown.....	884,209	871,984	878,402	644,594	715,596	731,792	637,156	-----	-----

<sup>1</sup> Preliminary.<sup>2</sup> 12 months beginning Apr. 1 of year shown.<sup>3</sup> Revised.<sup>4</sup> No data available.<sup>5</sup> Included with China.<sup>6</sup> Does not include exports from Sumatra during December 1941.

Office of Foreign Agricultural Relations. Prepared from official statistics of foreign governments, publications of the International Tea Committee, and reports of United States foreign service officers.

## CHAPTER V

### STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

The statistics in chapter V deal with hay, pasture, seeds, and various minor field crops. The reader will note a break in the continuity of some of the hay series; this results from a change in the method of estimating prairie or wild hay. Beginning in 1939, wild hay is estimated for only 22 Western States. In the remaining 26 States, wild hay is now included in "other hay," along with the kinds formerly grouped as "miscellaneous tame hay." Therefore, the group "all tame hay" can no longer be segregated in the table entitled "Hay, by kinds: Acreage and production, United States, 1929-47," as has been done in the past. And under both acreage harvested and production, the estimates from 1939 to date in the columns headed "Other hay" and "Wild hay" are not quite comparable with estimates for previous years.

TABLE 368.—Hay: Acreage, production, season average price per ton received by farmers, value, and foreign trade, United States, 1929-47

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Foreign trade, year beginning July <sup>1</sup>	
						Domestic exports	Imports
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1929	67,828	1.26	85,281				
1929	69,531	1.26	87,357	10.94	955,768	9	60
1930	67,947	1.10	74,527	11.06	823,985	6	121
1931	68,160	1.10	75,203	8.73	656,321	3	20
1932	70,412	1.19	83,721	6.20	518,989	2	9
1933	68,439	1.10	75,072	8.09	607,271	2	* 2
1934	68,625	.90	62,084				
1934	65,387	.93	60,485	13.18	797,141	3	88
1935	68,550	1.32	90,364	7.52	679,252	2	5
1936	67,732	1.03	70,014	11.16	781,329	3	204
1937	66,001	1.26	83,002	8.74	725,719	111	23
1938	68,175	1.34	91,420	6.78	619,942	3	30
1939	65,979	1.25	82,413				
1939	69,243	1.25	86,533	7.94	686,903	4	65
1940	73,058	1.31	96,050	7.59	728,763	6	28
1941	73,136	1.31	95,754	9.70	928,568	3	5
1942	74,827	1.44	107,717	10.80	1,161,362	2	40
1943	77,004	1.34	103,128	14.80	1,523,795	2	372
1944	(5)		99,305				
1944	77,541	1.33	102,745	16.50	1,698,149	8	130
1945	77,017	1.41	108,539	15.10	1,641,426	29	229
1946	74,173	1.36	100,739	16.70	1,678,505	18	133
1947 <sup>4</sup>	75,291	1.36	102,500	17.80	1,821,533		

<sup>1</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

<sup>2</sup> Imports for consumption beginning 1933.

<sup>3</sup> Not available. Acreage, excluding peanut hay, was 72,286,611 acres.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.



TABLE 369.—Hay, by kinds: Acreage and production, United States, 1929-47

## ACREAGE HARVESTED

Year	Alfalfa	Clover and timothy	Sweet-clover	Lespedeza	Soy-bean	Cow-pea	Peanut-vine	Grains cut green for hay	Other hay <sup>1</sup>	Wild hay <sup>2</sup>	All hay
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	11,529	29,867	952	349	1,774	953	1,252	3,208	5,857	13,790	69,531
1930	11,609	26,990	853	440	2,062	1,091	1,045	3,933	5,973	13,951	67,947
1931	11,740	24,978	812	584	2,772	1,571	1,415	5,976	6,255	12,057	68,160
1932	12,607	23,449	842	893	2,738	2,451	1,509	5,018	6,612	14,293	70,412
1933	12,713	23,249	739	1,171	2,506	1,991	1,242	5,559	6,640	12,629	68,439
1934	11,691	20,143	744	1,850	4,227	2,321	1,528	6,793	7,064	9,026	65,387
1935	13,548	19,746	647	2,715	4,044	1,975	1,510	4,621	6,796	12,948	68,550
1936	14,062	21,029	1,118	2,253	3,116	2,006	1,617	5,629	5,777	11,125	67,732
1937	13,533	18,105	667	3,099	3,469	2,239	1,502	4,541	6,774	12,072	66,001
1938	13,366	19,524	935	3,669	3,724	1,915	1,664	3,702	7,113	12,563	68,175
1939	13,257	18,674	998	4,731	4,590	1,863	1,858	3,913	7,838	11,521	69,243
1940	14,023	20,451	758	5,062	4,819	1,976	1,983	3,981	8,247	11,758	73,058
1941	15,195	20,000	1,005	5,540	3,546	1,887	1,808	3,637	8,066	12,452	73,136
1942	16,199	20,681	668	6,730	2,621	1,760	2,957	2,724	7,683	12,804	74,827
1943	15,518	22,076	491	6,382	3,177	1,215	3,595	2,900	7,690	13,960	77,004
1944	15,233	23,279	437	6,062	2,583	793	2,946	2,898	8,186	15,124	77,544
1945	15,261	23,506	484	7,144	1,939	715	2,928	2,728	7,780	14,532	77,017
1946	14,412	24,320	370	6,394	1,533	505	2,909	2,457	7,412	13,861	74,173
1947 <sup>3</sup>	14,908	23,402	332	6,545	1,372	449	3,142	2,454	8,087	14,600	75,291

## PRODUCTION

	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1929	23,787	38,139	1,098	380	2,051	805	574	3,433	5,751	11,339	87,357
1930	22,713	27,187	887	331	1,938	764	456	4,107	5,322	10,822	74,527
1931	21,396	27,620	839	632	3,479	1,416	698	4,871	6,038	8,214	75,203
1932	25,924	25,831	975	923	3,433	2,059	692	5,293	6,638	11,953	83,721
1933	24,113	24,072	750	1,298	2,917	1,692	527	4,702	6,225	8,776	75,072
1934	19,036	16,512	620	1,709	4,545	1,830	660	4,849	5,922	4,802	60,485
1935	28,564	25,804	834	2,854	5,422	1,584	782	5,172	7,419	11,929	90,364
1936	24,737	20,588	1,016	1,800	3,002	1,438	755	4,369	4,987	7,322	70,014
1937	26,685	23,198	805	3,287	4,731	1,949	802	4,544	7,232	9,769	83,002
1938	28,503	26,278	1,173	4,293	5,335	1,670	869	4,278	7,955	11,066	91,420
1939	26,935	22,420	1,163	5,049	6,772	1,599	845	4,053	8,272	9,425	86,533
1940	30,286	27,557	926	5,105	6,450	1,683	1,105	4,348	9,094	9,496	96,050
1941	32,917	24,350	1,319	5,647	4,616	1,567	933	4,383	8,763	11,259	95,754
1942	37,162	30,002	892	7,714	3,555	1,483	1,365	3,656	9,018	12,870	107,717
1943	33,442	31,322	622	6,254	3,837	908	1,692	3,788	8,758	12,505	103,128
1944	33,270	31,633	547	5,671	3,041	633	1,312	3,586	8,923	14,129	102,745
1945	34,462	35,071	599	7,848	2,476	646	1,412	3,567	9,208	13,250	108,539
1946	31,741	34,341	421	7,198	1,984	451	1,405	3,083	8,571	11,544	100,739
1947 <sup>3</sup>	33,475	32,569	395	6,768	1,666	366	1,421	3,058	9,476	13,306	102,500

<sup>1</sup> Includes small quantities of kinds of hay in the other columns, in some States where they are not of sufficient importance to estimate separately.

<sup>2</sup> Beginning 1939, estimates for 22 States only, as shown in table 370.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 429, and for 1919-23 in 1941 book, table 414.

TABLE 370.—Hay, alfalfa, clover and timothy, wild, and lespedeza: Acreage and production, by States, average 1936-45, annual 1946 and 1947

State and division	Alfalfa hay						Clover and timothy hay <sup>2</sup>					
	Acreage harvested			Production			Acreage harvested			Production		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	
Maine.....	5	4	4	7	6	6	473	489	430	492	513	494
New Hampshire.....	3	4	4	7	8	9	176	193	168	219	251	235
Vermont.....	20	24	24	41	50	53	590	627	589	804	940	913
Massachusetts.....	11	11	11	24	25	25	219	231	210	355	427	378
Rhode Island.....	1	1	1	2	2	2	17	19	17	24	28	28
Connecticut.....	20	25	25	50	61	60	141	154	142	216	262	241
New York.....	398	339	322	760	695	676	2,806	2,834	2,721	3,920	4,676	4,490
New Jersey.....	66	60	60	140	126	135	123	144	137	167	230	219
Pennsylvania.....	279	288	271	529	547	528	1,924	2,098	2,014	2,514	3,042	2,920
North Atlantic.....	802	756	722	1,560	1,520	1,494	6,471	6,789	6,428	8,710	10,369	9,918
Ohio.....	463	420	412	892	840	803	1,771	1,994	1,994	2,267	2,891	2,592
Indiana.....	445	373	380	799	690	722	938	1,132	996	1,084	1,415	1,195
Illinois.....	494	482	521	1,086	1,157	1,172	1,252	1,597	1,469	1,594	2,156	2,057
Michigan.....	1,221	1,040	1,092	1,918	1,404	1,693	1,215	1,494	1,404	1,511	1,793	1,685
Wisconsin.....	1,079	820	984	2,480	1,517	2,263	2,405	2,963	2,815	3,713	4,296	4,222
Minnesota.....	1,229	913	822	2,200	1,917	1,685	922	1,284	1,284	1,330	1,862	1,798
Iowa.....	944	702	737	2,032	1,615	1,585	1,851	2,359	2,383	2,417	3,421	3,336
Missouri.....	267	283	320	644	792	736	1,108	1,361	1,361	1,014	1,497	1,497
North Dakota.....	148	186	166	201	232	232	6	5	4	7	5	5
South Dakota.....	294	385	412	399	539	639	10	18	15	11	18	17
Nebraska.....	797	913	1,004	1,308	1,735	2,058	13	40	40	14	46	46
Kansas.....	653	826	1,016	1,209	1,569	1,981	40	95	114	48	114	137
North Central.....	8,036	7,343	7,866	15,169	14,007	15,569	11,531	14,342	13,879	15,010	19,514	18,587
Delaware.....	5	6	6	11	13	14	34	31	28	42	43	39
Maryland.....	42	50	51	84	100	105	290	309	306	341	417	382
Virginia.....	59	80	94	120	184	207	444	543	478	503	733	502
West Virginia.....	41	52	56	82	109	118	394	466	461	445	606	507
North Carolina.....	8	17	19	16	39	45	6	8	84	72	111	97
Georgia.....	4	3	3	7	5	5	68	8	8	5	7	7
South Atlantic.....	162	208	229	322	450	494	1,236	1,446	1,365	1,408	1,917	1,534
Kentucky.....	189	264	264	377	581	607	343	478	502	394	645	703
Tennessee.....	86	161	171	186	394	419	172	218	207	189	283	259
Alabama.....	5	10	11	8	21	18	5	5	5	4	5	5
Mississippi.....	64	53	51	145	127	107	9	14	13	10	20	13
Arkansas.....	94	92	105	218	239	252	23	35	31	23	38	34
Louisiana.....	25	19	16	53	45	32	15	26	24	16	26	25
Oklahoma.....	275	357	421	515	607	800	-----	-----	-----	-----	-----	-----
Texas.....	110	122	134	270	354	335	-----	-----	-----	-----	-----	-----
South Central.....	848	1,078	1,173	1,772	2,368	2,570	568	776	782	636	1,017	1,039
Montana.....	648	798	790	1,062	1,237	1,264	172	213	219	236	288	274
Idaho.....	800	804	772	1,950	2,010	2,007	121	107	100	162	134	135
Wyoming.....	342	359	345	576	574	569	86	80	83	104	104	106
Colorado.....	639	612	606	1,291	1,255	1,333	151	158	155	220	221	240
New Mexico.....	126	143	146	334	429	423	9	15	13	12	19	18
Arizona.....	186	233	210	472	629	514	-----	-----	-----	-----	-----	-----
Utah.....	442	408	388	972	898	931	24	25	25	39	40	44
Nevada.....	109	108	108	261	292	292	25	32	34	33	45	54
Washington.....	300	311	302	728	809	740	192	181	163	406	389	350
Oregon.....	281	246	246	722	640	652	110	117	112	197	216	202
California.....	845	1,005	1,005	3,650	4,623	4,623	37	39	39	67	68	68
Western.....	4,717	5,027	4,918	12,017	13,396	13,348	927	967	948	1,478	1,524	1,491
United States.....	14,565	14,412	14,908	30,840	31,741	33,475	20,732	24,320	23,402	27,242	34,341	32,569

See footnotes at end of table.

TABLE 370.—Hay, alfalfa, clover and timothy, wild, and lespedeza: Acreage and production, by States, average 1936-45, annual 1946 and 1947—Continued

State and division	Wild hay <sup>3</sup>						Lespedeza hay <sup>4</sup>					
	Acreage harvested			Production			Acreage harvested			Production		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons
Ohio.....							<sup>5</sup> 9	9	9	<sup>5</sup> 10	11	12
Indiana.....							81	89	100	88	102	120
Illinois.....							104	83	108	107	91	119
Wisconsin.....	167	110	106	190	126	122						
Minnesota.....	1,460	1,282	1,308	1,558	1,410	1,439						
Iowa.....	128	86	80	144	103	96						
Missouri.....	149	150	150	163	150	195	1,012	1,261	1,450	1,031	1,261	1,450
North Dakota.....	1,999	2,370	2,607	1,666	2,014	2,346						
South Dakota.....	2,162	2,893	3,067	1,529	2,025	2,300						
Nebraska.....	2,692	2,707	2,815	1,861	1,760	2,252						
Kansas.....	620	638	702	641	478	772	<sup>5</sup> 64	70	108	<sup>5</sup> 71	63	113
North Central.....	9,378	10,236	10,835	7,751	8,066	9,522	1,249	1,512	1,775	1,283	1,528	1,814
Delaware.....							<sup>5</sup> 11	14	17	<sup>5</sup> 12	16	18
Maryland.....							<sup>5</sup> 27	36	40	<sup>5</sup> 29	45	52
Virginia.....							381	479	460	396	527	437
West Virginia.....							<sup>5</sup> 26	18	20	<sup>5</sup> 27	20	22
North Carolina.....							380	505	530	408	581	556
South Carolina.....							103	241	222	92	241	189
Georgia.....							109	215	200	92	183	170
South Atlantic.....							1,023	1,508	1,489	1,042	1,613	1,444
Kentucky.....							679	794	754	751	992	942
Tennessee.....							1,172	1,166	1,119	1,231	1,399	1,231
Alabama.....							112	114	104	92	114	88
Mississippi.....							237	344	334	270	482	384
Arkansas.....	172	210	218	176	231	196	490	747	732	474	822	622
Louisiana.....							75	109	108	92	153	119
Oklahoma.....	399	428	449	418	428	494	<sup>5</sup> 43	100	130	<sup>5</sup> 45	95	124
Texas.....	195	182	200	199	191	190						
South Central.....	766	820	867	792	850	880	2,796	3,374	3,281	2,942	4,057	3,510
Montana.....	707	822	880	613	658	748						
Idaho.....	128	146	146	144	161	161						
Wyoming.....	453	495	500	372	421	475						
Colorado.....	403	439	470	390	373	517						
New Mexico.....	19	17	18	14	17	14						
Arizona.....	4	3	3	4	2	2						
Utah.....	81	105	109	96	126	136						
Nevada.....	238	267	259	248	294	285						
Washington.....	44	44	41	53	53	47						
Oregon.....	244	286	300	276	315	330						
California.....	175	181	172	221	208	189						
Western.....	2,498	2,805	2,898	2,431	2,628	2,904						
United States.....	12,641	13,861	14,600	10,975	11,544	13,306	5,067	6,394	6,545	5,267	7,198	6,768

<sup>1</sup> Preliminary.<sup>2</sup> Excludes sweetclover and lespedeza hay.<sup>3</sup> Includes prairie, marsh, and salt grass hays.<sup>4</sup> Small quantities are produced in other States where they are not estimated separately.<sup>5</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 371.—Hay, all: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947

State and division	Acreage harvested			Yield per acre			Production			Price for crop of 2—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	907	873	880	0.93	0.97	1.08	840	844	950	12.20	17.50	19.00
New Hampshire.....	366	377	376	1.12	1.18	1.26	410	443	473	14.60	18.90	20.50
Vermont.....	962	1,047	1,052	1.30	1.43	1.51	1,264	1,499	1,590	13.00	18.10	19.00
Massachusetts.....	368	381	372	1.47	1.71	1.62	541	650	602	19.70	22.80	24.50
Rhode Island.....	36	37	36	1.32	1.43	1.58	48	53	57	20.20	23.00	24.00
Connecticut.....	294	296	296	1.44	1.62	1.68	424	480	496	19.80	22.70	24.50
New York.....	3,964	3,991	3,907	1.39	1.62	1.61	5,508	6,446	6,300	12.40	13.30	15.70
New Jersey.....	254	261	253	1.56	1.66	1.70	396	434	430	19.70	20.50	23.30
Pennsylvania.....	2,414	2,539	2,437	1.37	1.50	1.50	3,302	3,804	3,651	13.60	16.20	17.70
North Atlantic...	9,566	9,802	9,609	1.33	1.49	1.51	12,723	14,653	14,549	13.60	15.90	17.90
Ohio.....	2,530	2,536	2,570	1.41	1.54	1.40	3,554	3,895	3,602	11.60	15.00	18.00
Indiana.....	1,951	1,807	1,674	1.32	1.37	1.36	2,578	2,480	2,284	12.10	16.80	18.50
Illinois.....	2,866	2,688	2,596	1.35	1.47	1.47	3,881	3,949	3,810	11.90	15.90	19.50
Michigan.....	2,699	2,798	2,830	1.38	1.24	1.32	3,718	3,464	3,730	11.00	17.30	19.20
Wisconsin.....	4,009	4,106	4,134	1.66	1.51	1.67	6,672	6,220	6,918	10.40	18.00	19.50
Minnesota.....	4,484	4,032	4,009	1.43	1.46	1.42	6,419	5,897	5,687	6.63	11.30	14.50
Iowa.....	3,514	3,244	3,317	1.54	1.63	1.55	5,411	5,273	5,154	9.24	12.10	14.00
Missouri.....	3,276	3,545	3,804	1.08	1.19	1.15	3,586	4,214	4,392	10.10	14.70	16.20
North Dakota.....	3,002	3,068	3,281	.92	.89	.96	2,773	2,727	3,140	5.08	8.90	10.50
South Dakota.....	2,898	3,478	3,687	.79	.80	.86	2,335	2,775	3,166	5.97	12.80	13.20
Nebraska.....	3,791	3,827	4,017	.91	.98	1.13	3,476	3,732	4,549	7.36	12.00	13.30
Kansas.....	1,536	1,721	2,027	1.39	1.35	1.54	2,151	2,327	3,116	8.26	14.80	15.20
North Central...	36,555	36,850	37,946	1.27	1.27	1.31	46,556	46,953	49,548	9.51	14.20	16.10
Delaware.....	72	72	69	1.28	1.38	1.36	92	99	94	17.60	19.00	21.40
Maryland.....	423	448	449	1.27	1.41	1.36	537	631	611	16.70	19.00	21.20
Virginia.....	1,263	1,405	1,351	1.08	1.24	1.06	1,376	1,744	1,438	16.50	20.50	25.20
West Virginia.....	753	812	810	1.14	1.30	1.16	864	1,059	940	14.70	19.50	21.50
North Carolina.....	1,178	1,253	1,225	.96	1.02	.99	1,130	1,283	1,207	18.00	25.40	29.50
South Carolina.....	596	501	490	.74	.90	.78	441	449	382	17.60	27.20	29.00
Georgia.....	1,312	1,402	1,373	.55	.52	.51	714	728	696	14.10	20.30	20.50
Florida.....	114	120	123	.55	.48	.51	63	57	63	13.10	18.20	20.50
South Atlantic...	5,711	6,013	5,890	.91	1.01	.92	5,218	6,050	5,431	16.20	21.60	24.60
Kentucky.....	1,591	1,827	1,865	1.19	1.41	1.44	1,937	2,583	2,678	14.50	18.30	20.20
Tennessee.....	1,897	1,844	1,855	1.09	1.31	1.24	2,076	2,417	2,297	15.90	21.10	24.20
Alabama.....	1,031	1,007	927	.74	.78	.74	762	781	687	13.70	22.90	24.50
Mississippi.....	896	854	806	1.19	1.38	1.22	1,064	1,182	980	13.30	23.70	25.00
Arkansas.....	1,301	1,351	1,370	1.08	1.20	1.01	1,413	1,623	1,382	12.00	17.90	20.20
Louisiana.....	321	335	327	1.22	1.28	1.17	390	429	381	11.70	17.40	20.00
Oklahoma.....	1,185	1,322	1,545	1.16	1.13	1.18	1,386	1,490	1,819	8.72	15.10	15.50
Texas.....	1,403	1,489	1,681	.96	.98	.85	1,348	1,454	1,436	10.30	17.60	18.50
South Central...	9,625	10,029	10,376	1.07	1.19	1.12	10,377	11,959	11,660	12.70	19.10	20.70
Montana.....	1,939	2,260	2,397	1.18	1.14	1.16	2,299	2,569	2,773	8.94	17.50	17.70
Idaho.....	1,159	1,151	1,089	2.07	2.11	2.20	2,399	2,450	2,394	10.20	17.10	16.50
Wyoming.....	1,055	1,097	1,115	1.14	1.13	1.19	1,202	1,243	1,325	9.57	15.50	17.70
Colorado.....	1,410	1,393	1,405	1.50	1.47	1.65	2,115	2,044	2,324	10.30	18.80	17.00
New Mexico.....	203	224	229	2.02	2.29	2.23	410	514	510	12.50	24.90	23.50
Arizona.....	253	310	273	2.24	2.39	2.19	568	740	598	11.30	21.60	18.50
Utah.....	577	575	559	1.99	1.94	2.10	1,149	1,118	1,172	11.70	21.40	18.50
Nevada.....	400	436	430	1.44	1.53	1.55	577	666	666	11.30	20.70	17.00
Washington.....	937	876	824	1.90	2.04	1.96	1,780	1,787	1,617	12.60	18.80	19.10
Oregon.....	1,108	1,088	1,089	1.73	1.74	1.69	1,914	1,896	1,835	11.80	18.70	19.70
California.....	1,875	2,069	2,060	2.77	2.96	2.96	5,202	6,117	6,098	12.50	22.80	19.00
Western.....	10,917	11,479	11,470	1.80	1.84	1.86	19,616	21,124	21,312	11.20	19.80	18.30
United States....	72,373	74,173	75,291	1.30	1.36	1.36	94,490	100,739	102,500	10.90	16.70	17.80

<sup>1</sup> Preliminary.<sup>2</sup> Price for hay sold loose.

Bureau of Agricultural Economics.

TABLE 372.—Hay: Season average price per ton, United States and specified markets, 1938-47

Year beginning July—	Prices received by farmers, United States				Price of No. 1 alfalfa, baled	
	All hay, loose	Alfalfa, loose <sup>1</sup>	Mixed clover and timothy, loose <sup>1</sup>	Prairie, loose <sup>1</sup>	Kansas City <sup>2</sup>	Los Angeles <sup>2</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	6.78	7.86	7.92	4.37	13.60	14.00
1939.....	7.94	8.63	9.21	4.62	15.40	15.25
1940.....	<sup>3</sup> 7.59	8.36	8.75	4.81	13.40	14.65
1941.....	<sup>3</sup> 9.70	10.90	11.66	5.20	15.90	20.40
1942.....	10.80	12.90	11.77	5.99	20.45	28.00
1943.....	14.80	17.50	15.20	8.91	29.25	32.55
1944.....	16.50	18.20	18.70	8.93	27.20	31.15
1945.....	15.19	17.60	16.40	8.45	27.85	32.85
1946.....	16.70	20.20	17.00	10.50	32.15	36.65
1947 <sup>4</sup> .....	17.80	20.70	18.30	11.30	32.50	33.15

<sup>1</sup> Season average prices obtained by weighting United States monthly prices by monthly marketings of all hay. Data for earlier years for all hay, alfalfa, clover, and timothy, and prairie hay in January 1946 issue of Crops and Markets, p. 55.

<sup>2</sup> Compiled from reports made directly to the Production and Marketing Administration by its representatives in the market. Straight average of 12 months beginning in July at Kansas City and April at Los Angeles. Data for earlier years on Kansas City market in 1928 Yearbook, table 292, and 1931 Yearbook, table 327.

<sup>3</sup> Revised.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 373.—Pasture and range: Condition, 1st of month, United States, average 1926-45, annual 1929-47

Year	Pasture						Range <sup>1</sup>					
	May	June	July	August	September	October	May	June	July	August	September	October
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Average	77	80	79	72	69	70	82	85	85	82	80	80
1926-45	77	80	79	72	69	70	82	85	85	82	80	80
1929.....	87	87	88	80	67	70	84	87	88	85	81	83
1930.....	77	80	75	56	48	56	86	90	87	80	78	79
1931.....	79	78	73	64	63	64	84	83	79	73	74	71
1932.....	74	78	79	71	68	67	80	87	90	86	83	84
1933.....	72	82	60	56	60	66	76	80	77	73	75	76
1934.....	65	53	49	40	43	54	79	70	66	54	53	55
1935.....	70	78	85	81	74	74	69	81	87	84	81	83
1936.....	69	74	58	42	40	54	78	83	76	73	70	74
1937.....	69	76	79	74	68	66	75	75	80	79	75	75
1938.....	82	85	86	83	76	76	84	87	87	87	82	82
1939.....	76	73	78	69	69	56	78	77	78	74	73	72
1940.....	74	81	83	71	72	71	83	87	85	80	80	82
1941.....	84	79	83	79	75	75	89	93	95	93	92	92
1942.....	84	88	91	87	88	88	87	89	89	87	88	87
1943.....	78	84	88	82	73	71	84	84	86	83	80	79
1944.....	79	89	85	72	70	77	77	85	87	85	82	83
1945.....	87	84	89	88	84	83	84	83	85	85	85	82
1946.....	84	85	85	78	74	78	82	81	82	78	77	82
1947.....	82	88	91	86	73	74	82	87	88	84	82	80

<sup>1</sup> Includes the Western geographic division and range areas of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas.

Bureau of Agricultural Economics. Data for 1909-28 in Yearbook of Agriculture, 1933, table 284.

TABLE 374.—*Pasture: Condition June 1 and Sept. 1, by States, average 1936-45, annual 1946 and 1947*<sup>1</sup>

State and division	Condition June 1			Condition Sept. 1			State and division	Condition June 1			Condition Sept. 1		
	Average 1936-45	1946	1947	Average 1936-45	1946	1947		Average 1936-45	1946	1947	Average 1936-45	1946	1947
	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>		<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Per cent</i>	
Maine.....	85	88	86	74	78	76	South Carolina.....	70	87	77	74	83	
New Hampshire.....	86	92	87	76	83	79	Georgia.....	73	90	85	77	70	
Vermont.....	90	95	93	79	81	84	Florida.....	70	84	78	84	86	
Massachusetts.....	84	93	95	72	87	77	South Atlantic.....	75	92	81	79	81	
Rhode Island.....	80	98	91	70	88	90	Kentucky.....	82	95	93	72	93	
Connecticut.....	85	91	93	75	90	87	Tennessee.....	77	96	92	75	84	
New York.....	86	92	93	72	82	87	Alabama.....	76	89	87	78	81	
New Jersey.....	80	89	94	68	88	81	Mississippi.....	78	87	89	76	90	
Pennsylvania.....	83	90	94	73	84	87	Arkansas.....	83	92	89	67	73	
North Atlantic.....	85	91	93	72	83	85	Louisiana.....	79	86	88	79	86	
Ohio.....	84	93	92	74	77	88	Oklahoma.....	77	77	93	63	58	
Indiana.....	85	93	92	70	80	82	Texas.....	78	79	91	67	56	
Illinois.....	87	93	91	72	89	63	South Central.....	78	84	91	69	68	
Michigan.....	86	81	88	72	81	67	Montana.....	80	68	85	72	78	
Wisconsin.....	86	78	84	70	55	66	Idaho.....	88	89	93	81	83	
Minnesota.....	83	79	76	73	63	69	Wyoming.....	84	89	92	77	80	
Iowa.....	86	91	91	78	90	54	Colorado.....	83	81	95	72	73	
Missouri.....	84	97	92	69	82	61	New Mexico.....	72	50	81	69	60	
North Dakota.....	74	69	79	67	61	84	Arizona.....	80	75	68	81	75	
South Dakota.....	74	77	86	61	71	69	Utah.....	84	82	94	76	73	
Nebraska.....	75	81	89	60	68	75	Nevada.....	86	85	95	88	89	
Kansas.....	78	81	94	67	59	75	Washington.....	88	92	87	69	80	
North Central.....	82	86	89	70	73	70	Oregon.....	88	84	80	74	78	
Delaware.....	78	97	91	75	96	68	California.....	83	74	73	79	73	
Maryland.....	78	90	89	72	89	78	Western.....	82	76	83	75	75	
Virginia.....	76	98	81	82	87	81	United States.....	81	85	88	72	74	
West Virginia.....	78	89	77	79	75	89							
North Carolina.....	75	93	76	84	85	83							

<sup>1</sup> For range States, relates largely to farm pasture; i. e., range not included.

Bureau of Agricultural Economics.

TABLE 375.—*Alfalfa seed, timothy seed, red clover seed, alsike clover seed, sweet-clover seed, and lespedeza seed: Acreage, yield, production, season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, and value, United States, 1929-47*

## ALFALFA SEED

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	519,700	1.91	994,200	12.04	11,970	1939.....	1,013,200	1.50	1,515,500	10.50	15,981
1930.....	547,700	2.21	1,210,800	10.78	13,049	1940.....	967,700	1.55	1,502,500	8.77	13,172
1931.....	436,900	1.98	863,300	7.31	6,314	1941.....	795,200	1.30	1,037,300	12.20	12,656
1932.....	366,500	1.78	653,000	5.53	3,614	1942.....	602,200	1.60	961,100	15.60	14,852
1933.....	617,700	1.92	1,187,200	6.04	7,173	1943.....	762,300	1.50	1,141,700	20.00	22,559
1934.....	630,500	1.85	1,168,900	9.94	11,616	1944.....	982,000	1.15	1,132,000	20.50	23,162
1935.....	549,600	1.99	1,096,200	7.92	8,682	1945.....	888,500	1.33	1,182,100	20.60	24,349
1936.....	642,200	1.58	1,013,600	11.87	12,034	1946.....	1,174,200	1.55	1,822,400	22.00	40,114
1937.....	610,900	1.87	1,144,000	13.90	15,899	1947 <sup>1</sup> .....	1,021,200	1.66	1,699,400	15.20	25,840
1938.....	746,600	1.55	1,160,600	10.66	12,375						

TABLE 375.—*Alfalfa seed, timothy seed, red clover seed, alsike clover seed, sweet-clover seed, and lespedeza seed: Acreage, yield, production, season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, and value, United States, 1929-47—Continued*

## TIMOTHY SEED

Year	Acreage harvested	Yield per acre		Production	Price	Farm value	Year	Acreage harvested	Yield per acre		Production	Price	Farm value
		<i>Acres</i>	<i>Bushels</i>						<i>Bushels</i>	<i>Dollars</i>			
1929	437,300	3.15	1,377,600	1.97	2,716	1939	490,200	2.96	1,449,000	1.66	2,409		
1930	435,700	3.86	1,680,200	2.50	4,195	1940	398,900	3.11	1,239,000	1.49	1,843		
1931	608,900	3.90	2,373,700	1.38	3,284	1941	375,300	3.38	1,266,900	2.06	2,605		
1932	454,500	3.67	1,666,600	.94	1,570	1942	437,400	3.82	1,672,500	2.01	3,363		
1933	325,500	2.88	936,900	1.93	1,812	1943	431,000	3.90	1,679,600	2.39	4,006		
1934	140,600	1.90	266,800	6.54	1,745	1944	364,700	3.65	1,331,700	2.71	3,606		
1935	1,000,800	4.27	4,276,200	1.08	4,625	1945	362,200	3.68	1,333,300	2.48	3,301		
1936	381,600	2.48	946,800	2.56	2,423	1946	365,300	3.61	1,319,000	2.86	3,771		
1937	591,400	4.38	2,589,000	1.19	3,086	1947 <sup>1</sup>	406,700	3.93	1,617,400	2.03	3,286		
1938	441,900	3.09	1,367,600	1.22	1,675								

## RED CLOVER SEED

1929	1,818,900	1.16	2,113,600	10.39	21,968	1939	1,350,300	1.25	1,690,900	8.72	14,748
1930	1,009,100	1.05	1,058,100	11.63	12,302	1940	2,042,700	1.00	2,036,900	6.07	12,367
1931	772,400	1.09	843,300	7.20	6,068	1941	1,353,700	1.07	1,478,600	9.10	13,461
1932	1,012,000	1.25	1,260,200	4.99	6,285	1942	1,147,900	.93	1,071,400	12.00	12,897
1933	1,024,300	1.10	1,126,300	6.18	6,956	1943	1,354,600	.91	1,226,600	18.00	22,113
1934	766,900	.98	749,600	10.99	8,235	1944	2,419,800	.83	2,006,700	18.70	37,542
1935	641,200	1.22	784,800	8.78	6,891	1945	2,186,500	.80	1,749,300	18.60	32,535
1936	670,400	1.06	711,700	14.43	10,268	1946	2,601,300	.82	2,141,800	22.00	47,166
1937	308,400	1.63	502,700	17.63	8,864	1947 <sup>1</sup>	1,374,600	.87	1,194,800	28.30	33,776
1938	1,664,000	1.13	1,878,100	8.23	15,462						

## ALSIKE CLOVER SEED

1929	280,100	1.93	539,900	9.27	5,006	1939	137,400	2.31	316,900	9.15	2,900
1930	150,300	2.20	330,100	10.65	3,514	1940	169,100	2.39	404,400	6.27	2,534
1931	134,300	2.48	333,400	5.78	1,928	1941	122,700	2.69	330,400	8.54	2,823
1932	133,100	2.37	315,500	4.63	1,461	1942	93,200	2.84	265,000	11.70	3,093
1933	146,200	2.26	330,400	6.88	2,272	1943	106,000	2.32	246,100	16.20	3,977
1934	128,700	1.83	236,000	11.83	2,804	1944	130,500	2.09	272,700	17.10	4,664
1935	134,400	2.04	274,500	9.64	2,645	1945	153,000	2.29	350,600	17.00	5,943
1936	228,200	1.76	400,800	12.11	4,852	1946	165,600	2.69	446,200	19.00	8,474
1937	100,000	2.24	223,800	15.97	3,573	1947 <sup>1</sup>	131,300	2.90	381,200	19.20	7,327
1938	217,100	1.81	393,500	6.85	2,696						

## SWEETCLOVER SEED

1929	292,600	3.94	1,152,300	3.61	4,156	1939	555,800	2.74	1,524,200	2.59	3,955
1930	219,000	3.49	764,700	3.44	2,632	1940	348,200	2.88	1,001,200	2.37	2,372
1931	253,100	3.16	801,000	2.63	2,104	1941	349,100	2.28	795,700	3.46	2,753
1932	213,700	3.06	654,600	1.47	959	1942	225,200	2.86	644,300	3.97	2,558
1933	215,500	3.09	665,800	2.22	1,477	1943	178,000	2.54	452,800	5.73	2,595
1934	216,700	3.27	707,800	4.03	2,852	1944	284,500	2.52	715,700	6.18	4,423
1935	243,800	3.11	757,200	2.20	1,669	1945	239,100	2.54	606,200	6.04	3,660
1936	377,400	2.21	832,700	4.83	4,026	1946	235,700	2.66	628,000	6.40	4,021
1937	309,600	3.27	1,012,300	4.31	4,363	1947 <sup>1</sup>	210,900	2.68	564,400	6.46	3,644
1938	525,600	2.19	1,151,400	2.67	3,074						

## LESPEDAZA SEED

Year	Acreage harvested	Yield per acre		Production	Price	Farm value	Year	Acreage harvested	Yield per acre		Production	Price	Farm value
		<i>Pounds</i>	<i>1,000 pounds</i>						<i>Dollars per 100 pounds</i>	<i>Pounds</i>			
1929	52,000	105.6	5,491	12.37	679	1939	627,400	175.0	110,099	4.96	5,464		
1930	59,100	100.1	5,915	17.45	1,032	1940	705,200	195.0	137,222	4.57	6,277		
1931	105,600	140.1	14,795	11.96	1,770	1941	813,000	212.0	172,400	5.97	10,287		
1932	154,800	144.3	22,336	4.99	1,115	1942	747,400	199.0	163,600	6.47	10,586		
1933	266,100	169.8	45,190	5.03	2,272	1943	808,000	216.0	158,770	9.87	15,674		
1934	371,400	180.3	66,950	6.15	4,119	1944	1,196,600	213.0	255,300	7.46	19,044		
1935	384,900	169.7	65,332	5.13	3,354	1945	922,000	203.0	187,000	8.76	16,380		
1936	300,700	138.0	41,486	11.77	4,882	1946	935,000	221.0	206,800	8.06	16,673		
1937	572,500	185.9	106,450	4.88	5,196	1947 <sup>1</sup>	755,500	204.0	153,960	11.90	18,250		
1938	763,700	234.8	179,310	3.56	6,390								

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in *Agricultural Statistics, 1942*, pp. 341 and 342.

TABLE 376.—*Alfalfa seed, timothy seed, red clover seed, alsike clover seed, sweet-clover seed, and lespedeza seed: Acreage, yield, production, and season average price per bushel (except lespedeza) received by farmers, by States, average 1936-45, annual 1946 and 1947*

## ALFALFA SEED

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
Ohio.....	22,050	6,500	5,200	0.85	0.65	0.65	19,590	4,200	3,400	15.40	24.20	20.30
Indiana.....	11,740	8,200	5,000	.85	.50	.75	9,670	4,100	3,800	15.60	24.60	20.80
Michigan.....	81,600	50,000	53,000	.84	.85	1.00	72,070	42,000	53,000	16.10	23.90	23.00
Wisconsin.....	31,120	24,000	22,000	.88	1.10	1.70	29,240	26,000	37,000	16.90	26.20	23.00
Minnesota.....	86,000	55,000	55,000	1.02	1.20	1.10	94,400	66,000	60,000	15.30	23.10	20.00
Iowa.....	14,860	9,000	8,500	1.02	.70	.70	15,740	6,300	6,000	16.50	24.00	21.40
N. Dakota.....	22,100	41,000	39,000	.86	.90	.85	18,750	37,000	33,000	15.30	23.00	19.00
S. Dakota.....	19,150	45,000	58,000	1.08	1.15	1.00	19,820	52,000	58,000	15.80	23.20	19.00
Nebraska.....	74,700	215,000	108,000	1.26	1.30	1.10	92,400	280,000	119,000	15.00	21.80	18.00
Kansas.....	111,300	299,000	239,000	1.85	1.50	1.30	143,500	448,000	311,000	14.10	20.30	13.40
Oklahoma.....	77,700	108,000	120,000	1.84	1.70	2.00	139,800	184,000	240,000	12.10	20.40	11.20
Texas.....	8,770	17,000	19,000	2.76	3.00	3.50	25,400	51,000	66,000	12.50	21.10	13.20
Montana.....	56,100	92,000	70,000	1.80	1.30	1.60	93,120	120,000	112,000	15.80	24.30	20.80
Idaho.....	39,000	23,000	23,000	1.70	1.80	1.60	65,400	41,000	37,000	16.90	26.50	20.20
Wyoming.....	20,040	16,000	12,000	1.76	1.85	1.30	35,260	22,000	15,600	15.00	24.20	20.20
Colorado.....	19,170	25,000	21,000	1.84	1.80	2.00	34,930	45,000	42,000	14.40	21.40	15.10
N. Mexico.....	7,050	14,000	15,000	2.71	3.10	3.10	18,680	43,000	46,000	12.70	21.60	11.60
Arizona.....	33,200	46,000	61,000	3.44	2.60	3.30	108,600	120,000	201,000	12.70	21.50	10.70
Utah.....	36,400	44,000	46,000	1.69	2.50	2.00	61,800	110,000	92,000	15.60	24.90	18.00
Wash.....	<sup>2</sup> 2,878	3,500	3,000	<sup>2</sup> 2.11	2.50	4.00	<sup>2</sup> 5,611	8,800	12,000	<sup>2</sup> 16.50	24.90	19.00
Oregon.....	7,180	6,000	5,500	2.14	2.00	2.30	15,940	12,000	12,600	16.20	25.10	19.00
California.....	19,260	27,000	33,000	3.15	3.70	4.20	59,880	100,000	139,000	13.40	22.00	13.40
United States.....	801,080	1,174,200	1,021,200	1.49	1.55	1.66	1,179,040	1,822,400	1,699,400	14.50	22.00	15.20

## TIMOTHY SEED

Penn.....	5,430	7,300	5,400	2.76	2.80	2.85	15,040	20,000	15,400	2.98	4.40	2.70
Ohio.....	46,600	61,000	73,000	3.22	3.25	3.20	154,600	198,000	234,000	2.20	2.75	2.10
Indiana.....	11,500	16,000	17,000	2.94	2.90	3.30	34,850	46,000	56,000	2.27	2.95	2.20
Illinois.....	42,000	23,000	30,000	2.71	2.50	3.00	113,520	58,000	90,000	2.08	2.90	2.30
Wisconsin.....	13,970	13,000	10,400	3.32	3.40	3.10	48,180	44,000	32,000	2.08	3.05	2.35
Minnesota.....	33,060	27,000	18,900	3.71	3.80	4.00	124,700	103,000	76,000	1.89	2.70	2.00
Iowa.....	206,400	151,000	199,000	3.73	4.30	4.80	774,160	649,000	955,000	1.92	2.85	1.95
Missouri.....	68,300	67,000	53,000	3.13	3.00	3.00	221,900	201,000	159,000	1.98	2.85	2.10
United States.....	427,460	365,300	406,700	3.44	3.61	3.98	1,487,540	1,319,000	1,617,400	1.98	2.86	2.03

## RED CLOVER SEED

New York.....	8,720	12,000	10,000	1.19	1.00	0.90	10,710	12,000	9,000	15.60	24.90	30.50
Penn.....	27,200	27,000	23,000	.92	.75	.75	24,510	20,000	17,200	15.90	26.30	32.00
Ohio.....	202,200	319,000	96,000	.84	.70	.60	164,400	223,000	58,000	13.30	22.20	28.50
Indiana.....	217,700	420,000	126,000	.82	.70	.65	173,600	294,000	82,000	13.20	21.60	27.50
Illinois.....	260,490	403,000	278,000	.86	.60	.65	219,500	242,000	181,000	13.40	22.70	28.50
Michigan.....	132,900	210,000	70,000	.96	.95	.85	126,700	200,000	60,000	12.80	21.00	26.50
Wisconsin.....	143,300	240,000	144,000	.95	.65	.75	124,500	156,000	108,000	13.20	21.90	29.00
Minnesota.....	51,050	155,000	76,000	1.18	1.10	1.00	56,400	170,000	76,000	13.00	22.40	28.50
Iowa.....	191,680	366,000	201,000	.79	.60	.55	148,920	220,000	111,000	13.40	21.50	29.50
Missouri.....	95,300	246,000	155,000	1.06	1.10	1.00	103,150	271,000	155,000	12.90	20.40	26.00
Nebraska.....	7,720	34,000	27,000	1.06	1.20	.90	8,070	41,000	24,000	13.50	19.60	26.00
Kansas.....	15,500	62,000	68,000	.96	.85	.90	15,730	53,000	61,000	13.10	19.60	25.00
Maryland.....	22,450	18,300	13,000	.89	.80	.75	20,200	14,600	9,800	15.30	27.80	33.50
Virginia.....	12,000	15,000	12,000	1.06	1.15	1.20	13,240	17,200	14,400	15.50	28.10	33.00
Kentucky.....	15,000	25,000	30,000	1.34	1.00	1.50	20,850	25,000	45,000	14.20	23.50	29.00
Idaho.....	31,550	28,000	22,000	4.89	4.40	4.80	150,500	123,000	106,000	13.10	25.40	30.00
Wash.....	3,010	2,000	2,600	3.16	3.50	4.00	9,480	7,000	10,400	13.10	22.80	29.00
Oregon.....	15,150	19,000	21,000	3.02	2.80	3.20	45,100	53,000	67,000	13.00	23.80	29.00
United States.....	1,452,830	2,601,300	1,374,600	1.06	.82	.87	1,435,290	2,141,800	1,194,800	13.10	22.00	28.30



TABLE 376.—*Alfalfa seed, timothy seed, red clover seed, alsike clover seed, sweet-clover seed, and lespedeza seed: Acreage, yield, production, and season average price per bushel (except lespedeza) received by farmers, by States, average 1936-45, annual 1946 and 1947—Continued*

## ALSIKE CLOVER SEED

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
New York	1,070	600	400	1.49	1.20	1.20	1,620	700	500	13.20	21.60	21.00
Ohio	35,390	25,000	20,000	1.36	1.75	1.20	46,170	44,000	24,000	11.90	18.60	19.00
Indiana	8,530	5,000	2,000	1.12	.90	1.00	9,540	4,500	2,000	12.20	19.10	19.50
Illinois	14,100	12,000	10,000	1.46	1.50	1.40	20,390	18,000	14,000	12.60	19.90	21.00
Michigan	13,300	21,000	9,000	1.70	1.85	1.90	20,980	39,000	17,100	11.60	18.30	18.00
Wisconsin	15,560	22,000	20,000	2.22	2.60	2.50	34,550	57,000	50,000	12.20	19.30	19.50
Minnesota	28,290	48,000	31,000	2.20	2.40	2.20	62,600	115,000	68,000	11.80	17.40	17.80
Iowa	4,730	4,500	4,000	1.37	1.10	1.15	6,490	5,000	4,600	12.80	20.40	22.00
Idaho	5,580	12,000	15,100	5.43	5.20	4.70	29,500	62,000	71,000	12.20	20.00	19.00
Oregon	16,630	12,500	16,000	4.93	6.30	6.25	80,400	79,000	100,000	12.20	20.20	20.00
California	<sup>2</sup> 1,514	3,000	3,800	<sup>2</sup> 6.06	7.35	7.90	<sup>2</sup> 9,114	22,000	30,000	<sup>2</sup> 12.90	20.20	19.50
United States	145,720	165,600	131,300	2.27	2.69	2.90	320,420	446,200	381,200	12.10	19.00	19.20

## SWEETCLOVER SEED

Ohio	14,070	12,000	21,000	2.02	3.00	2.40	28,580	36,000	50,000	4.26	6.40	6.10
Indiana	6,940	4,500	3,500	2.17	2.00	3.00	14,750	9,000	10,500	4.88	7.50	6.60
Illinois	29,800	28,000	24,000	1.96	1.85	1.80	58,800	52,000	43,000	4.95	7.20	7.50
Michigan	<sup>2</sup> 8,000	3,000	4,000	<sup>2</sup> 2.81	3.00	3.00	<sup>2</sup> 22,900	9,000	12,000	<sup>2</sup> 4.23	6.50	6.70
Wisconsin	4,420	7,000	7,000	2.82	3.00	3.50	12,390	21,000	24,000	4.46	7.40	7.10
Minnesota	129,900	37,000	24,000	3.06	3.20	3.90	382,200	118,000	94,000	4.02	6.10	6.50
Iowa	24,930	7,500	4,500	1.98	2.20	2.10	48,610	16,500	9,400	4.66	7.20	7.50
Missouri	10,160	11,000	11,000	2.40	2.50	2.40	24,770	28,000	26,000	4.88	7.50	7.20
N. Dakota	22,600	9,000	7,200	2.52	2.70	3.00	52,790	24,000	22,000	4.26	6.20	6.40
S. Dakota	19,830	7,500	2,200	2.19	2.90	2.10	42,230	22,000	4,600	3.87	6.20	6.30
Nebraska	21,650	37,000	24,000	2.14	2.50	1.80	46,080	92,000	43,000	4.48	6.30	6.40
Kansas	31,600	52,000	62,000	2.68	2.30	2.60	85,500	120,000	161,000	4.08	6.10	6.10
Montana	5,490	5,500	4,500	3.14	3.50	3.00	16,660	19,200	13,500	4.30	6.20	6.20
Wyoming	2,650	2,700	2,000	3.19	2.70	3.20	8,560	7,300	6,400	4.34	5.80	6.20
Colorado	8,010	12,000	10,000	3.88	4.50	4.50	31,120	54,000	45,000	4.43	6.10	6.20
United States	339,250	235,700	210,900	2.60	2.66	2.68	873,650	628,000	564,400	4.22	6.40	6.46

## LESPEDAZA SEED

				<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Dol. per 100 lb.</i>	<i>Dol. per 100 lb.</i>	<i>Dol. per 100 lb.</i>
Indiana	<sup>2</sup> 22,978	22,000	29,000	<sup>2</sup> 190	200	275	<sup>2</sup> 4,393	4,400	8,000	<sup>2</sup> 5.57	6.00	8.50
Illinois	18,720	15,000	16,500	164	190	225	3,305	2,800	3,700	6.34	5.60	9.60
Missouri	206,700	279,000	181,000	186	230	175	41,377	64,200	31,700	5.94	5.60	8.80
Kansas	<sup>2</sup> 59,375	51,000	38,000	<sup>2</sup> 173	165	160	<sup>2</sup> 11,277	8,400	6,100	<sup>2</sup> 4.92	5.00	8.50
Virginia	25,600	27,000	17,000	222	230	200	5,732	6,200	3,400	8.24	7.90	12.50
N. Carolina	143,200	178,000	160,000	196	230	210	28,472	40,900	33,600	7.79	9.90	14.30
S. Carolina	<sup>2</sup> 31,125	56,000	45,000	<sup>2</sup> 176	215	180	<sup>2</sup> 5,588	12,000	8,100	<sup>2</sup> 8.46	11.20	15.80
Georgia	<sup>2</sup> 26,375	59,000	65,000	<sup>2</sup> 189	185	180	<sup>2</sup> 5,422	10,900	11,700	<sup>2</sup> 8.29	12.20	16.10
Kentucky	76,800	77,000	77,000	218	270	280	17,375	20,800	21,600	6.50	7.00	9.10
Tennessee	112,600	94,000	70,000	214	240	240	24,774	22,600	16,800	6.85	8.30	11.80
Alabama	<sup>2</sup> 9,875	8,000	7,000	<sup>2</sup> 196	200	180	<sup>2</sup> 1,928	1,600	1,300	<sup>2</sup> 9.26	17.10	18.00
Mississippi	12,750	19,000	15,000	140	140	150	1,951	2,700	2,200	12.10	17.10	22.50
Arkansas	<sup>2</sup> 17,922	28,000	21,000	<sup>2</sup> 183	205	160	<sup>2</sup> 3,472	5,700	3,400	<sup>2</sup> 6.91	8.80	15.00
Louisiana	7,070	8,000	3,000	121	140	120	898	1,100	360	15.20	26.50	29.50
Oklahoma	-----	14,000	11,000	-----	180	180	-----	2,500	2,000	-----	6.50	11.00
United States	745,650	935,000	755,500	197	221	204	151,164	206,800	153,960	6.83	8.06	11.90

<sup>1</sup> Preliminary.<sup>2</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 377.—*Field seeds: Production of clean seed, United States, 1929-47*

Year	White clover	Ladino clover <sup>1</sup>	Meadow fescue	Red top	Sudan grass	Kentucky bluegrass <sup>2</sup>	Orchard grass
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929.....	1,500		1,700	7,500	27,100	18,900	3,500
1930.....	1,200		1,000	7,500	35,700	10,850	3,010
1931.....	1,000		900	18,000	83,500	49,000	5,124
1932.....	775		600	15,750	40,730	19,600	2,086
1933.....	920		550	7,500	56,730	18,200	3,668
1934.....	945		550	6,000	17,050	5,600	2,534
1935.....	340		900	9,750	59,320	37,800	3,640
1936.....	550	106	400	6,750	28,695	21,000	2,125
1937.....	300	102	325	18,300	55,815	77,000	4,494
1938.....	275	182	150	17,700	53,078	18,200	2,269
1939.....	669	480	600	17,700	75,760	21,000	4,298
1940.....	835	560	1,400	18,300	48,800	46,900	4,438
1941.....	1,860	510	750	18,500	84,625	47,740	5,656
1942.....	1,920	375	1,225	16,600	38,950	63,350	6,090
1943.....	2,360	390	1,180	10,700	28,300	21,280	6,104
1944.....	1,695	730	1,445	17,800	62,600	22,008	7,000
1945.....	2,170	990	1,500	22,300	26,400	29,722	5,096
1946.....	3,980	1,030	1,380	15,000	23,300	19,670	7,770
1947 <sup>3</sup> .....	4,120	900	1,690	15,900	20,740	63,518	6,244

<sup>1</sup> Data not available for years prior to 1936.<sup>2</sup> Rough, cured seed.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 378.—*Winter cover-crop seed: Production of clean seed, United States, 1936-47*

Year	Austrian winter peas	Vetch					Ryegrass		Crimson clover <sup>1</sup>	Lupine
		Hairy	Common and Willamette	Hungarian	Purple	All vetch	Common	Perennial		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1936.....	14,800	9,050	4,350	4,435	605	18,440	12,900	230	1,038	-----
1937.....	20,350	7,950	4,400	3,625	300	16,275	7,055	425	1,676	-----
1938.....	21,280	7,600	3,575	3,020	365	14,560	18,300	932	2,678	-----
1939.....	29,770	10,750	7,750	1,950	4,500	24,950	30,500	1,350	5,560	-----
1940.....	53,750	26,100	17,140	3,650	5,700	52,590	27,500	1,720	6,040	-----
1941.....	37,100	27,390	17,120	2,400	4,310	51,220	24,000	2,300	9,380	-----
1942.....	133,300	32,020	25,000	9,400	9,460	75,880	30,000	3,300	17,080	-----
1943.....	150,500	24,480	25,800	4,500	8,450	63,230	23,000	3,200	13,880	5,100
1944.....	41,100	20,630	36,000	3,000	11,900	71,530	31,000	4,600	15,770	7,100
1945.....	38,000	14,210	51,200	2,000	10,840	78,250	39,500	4,500	14,350	13,600
1946.....	56,300	12,490	45,400	1,300	12,580	71,770	58,000	5,600	15,160	38,900
1947 <sup>2</sup> .....	58,750	19,890	34,800	1,200	4,480	60,370	49,500	5,500	12,220	48,300

<sup>1</sup> Data for 1922-35, in Agricultural Statistics, 1943, table 299.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 379.—Agricultural seeds: Imports admitted under the Federal Seed Act, United States, 1945-47

Kind of seed	Year beginning July—			Kind of seed	Year beginning July—		
	1945	1946	1947		1945	1946	1947
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
Alfalfa.....	6,466	9,259	7,553	Lespedeza, Chinese.....			2
Barley <sup>1</sup> .....	1,169	4,136	12,047	Medick, black.....	104	414	173
Bean:				Millet, foxtail <sup>1</sup> .....	12		46
Field <sup>1</sup> .....	221	6	324	Mixtures:			
Mung <sup>1</sup> .....	6	1	1	Alfalfa and red clover.....		1	1
Beet, field <sup>1</sup> .....	33	52	221	Alfalfa and sweetclover.....	105	78	54
Bentgrass.....	367	314	96	Clover.....	395	234	525
Bluegrass:				Grass.....	89	39	
Canada.....	63	123	94	Alsike and timothy.....			1
Kentucky.....		5	19	Smooth brome and wheat			6
Rough.....	363	619	224	Sweetclover and smooth			
Brome, smooth.....	8,198	6,402	4,554	brome.....	3		
Clover:				Mustard, white <sup>1</sup> .....			44
Alsike.....			1,157	Oat <sup>1</sup> .....	25,427	17,763	11,376
Berseem.....			27	Pea, field <sup>1</sup> .....		114	3
Crimson.....		283	606	Popcorn.....	1		
Ladino.....		3	441	Proso <sup>1</sup> .....			5
Red.....	20	73	2,572	Rape:			
Subterranean.....	71	185	121	Annual <sup>1</sup> .....			38
Suckling.....	47	14	63	Winter.....	743	8	11
White.....	248	473	159	Redtop.....			19
Corn, field <sup>1</sup> .....	4,515	4,995	4,323	Rye <sup>1</sup> .....		1	
Cowpea <sup>1</sup> .....	110			Ryegrass:			
Fescue:				Perennial.....		1	11
Chewings.....	1,247	576		Other.....		15	3
Meadow.....		199	150	Sainfoin.....			1
Other.....	275	88	83	Sesbania.....	153	34	208
Flax <sup>1</sup> .....	136	2,946	909	Sourclover.....		25	
Grass:				Sunflower <sup>1</sup> .....		22	114
Bahia.....	374	262	139	Sweetclover.....	11,048	10,370	12,999
Bermuda.....			1	Timothy.....		2	1
Carpot.....	27		5	Trefoil:			
Dallis.....	250	575	1,185	Big.....	3	7	
Guinea.....		4	30	Birdsfoot.....		185	234
Molasses.....	2	12	7	Vetch, hairy.....	4	199	181
Orchard.....	207	32	37	Wheat <sup>1</sup> .....	1,975	1,300	304
Rescue.....		43	10	Wheatgrass:			
Rhodes.....	206	52	156	Crested.....	746	135	70
Sudan.....	727	1,037	47	Slender.....	36	173	2
Vesey.....			1				
Kudzu.....			13	Total.....	66,192	63,799	63,822

<sup>1</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

<sup>2</sup> Exclusive of sugar beet.

Production and Marketing Administration. Data for 1932-41 in Agricultural Statistics, 1942, table 454; for 1942 and 1943 in the 1946 book, table 363; and for 1944 in the 1947 book, table 370.

TABLE 380.—*Field seeds: Stocks held by dealers and Government on June 30, 1942-47*

Kind of seed	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Alfalfa.....	10,636	3,821	4,730	4,090	4,670	15,512
Clovers:						
Red (medium and mammoth).....	20,192	10,870	3,378	2,675	1,473	3,982
Alsike.....	5,033	2,279	1,050	459	596	1,760
Sweet.....	8,996	5,962	2,940	5,541	4,274	3,084
White Dutch.....	861	569	585	318	339	853
Ladino.....	206	64	59	209	337	190
Crimson.....	3,564	6,302	1,637	260	646	128
Lespedezas:						
Korean.....	11,286	3,767	2,304	21,224	16,144	5,765
Kobe.....	965	259	29	513	2,081	85
Other.....	224	386	45	329	298	110
Hairy vetch.....	2,840	11,202	6,865	8,518	5,671	1,987
Other vetch.....	2,480	15,928	16,803	15,201	3,247	2,025
Austrian winter peas.....	1,643	61,093	128,057	97,730	34,241	2,395
Blue lupine.....	( <sup>2</sup> )	( <sup>2</sup> )	840	284	1	688
Rapeseed (for sowing).....	571	2,881	2,654	1,114	824	1,711
Sorgo ("cane").....	9,804	8,963	1,882	6,239	2,467	2,201
Grasses:						
Timothy.....	12,058	26,365	36,812	25,137	17,823	16,158
Redtop.....	13,837	13,495	9,575	7,362	11,332	5,733
Kentucky bluegrass.....	10,265	19,466	11,551	4,232	2,126	1,278
Orchard grass.....	404	256	456	392	550	1,852
Chewings fescue.....	( <sup>2</sup> )	558	517	522	747	1,152
Meadow fescue.....	185	182	293	266	207	406
Bentgrass.....	354	521	461	347	408	629
Bromegrass.....	2,159	4,147	3,363	2,537	3,885	2,050
Crested wheatgrass.....	987	803	1,831	3,667	737	146
Slender wheatgrass.....	( <sup>2</sup> )	157	442	682	356	238
Western wheatgrass.....	( <sup>2</sup> )	62	45	164	18	37
Ryegrass, common.....	8,769	9,467	9,354	11,439	8,228	24,334
Sudan grass.....	18,652	7,910	8,732	40,679	24,259	17,128
Bermuda grass.....	( <sup>2</sup> )	16	58	330	202	105
Carpet grass.....	152	11	42	162	93	7
Dallis grass.....	( <sup>2</sup> )	153	153	116	208	67
Millets (for sowing):						
Foxtail (German, Siberian, etc.).....		5,934	1,437	2,717	1,272	1,655
Proso (broomcorn, etc.).....	6,838	1,238	1,651	2,729	2,642	1,223

<sup>1</sup> Preliminary.   <sup>2</sup> Not included in survey of year shown.

Bureau of Agricultural Economics. Compiled from reports of 1,025 seedsmen and important country shippers.

TABLE 381.—*Field seeds: Stocks held by the Government on June 30, 1942-47<sup>1</sup>*

Kind of seed	1942	1943	1944	1945	1946	1947 <sup>2</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Alfalfa.....					44	
Sweetclover.....					34	
White clover.....	3	15		13	2	
Ladino clover.....				5	76	
Crimson clover.....	200	5,021	611	19		
Kobe lespedeza.....					1,527	
Other lespedeza.....					1	
Hairy vetch.....		10,054	1,702	2,566		
Other vetches.....		13,414	12,272	12,114	204	
Austrian winter peas.....	500	59,431	125,729	97,329		
Blue lupine.....			802	281		681
Rapeseed.....		1,590	22	22		
Timothy.....			304	15	179	
Redtop.....					241	
Orchard grass.....			115		75	
Chewings fescue.....					23	
Meadow fescue.....			78		1	
Bromegrass.....				54	63	
Crested wheatgrass.....				2,437	11	
Slender wheatgrass.....				465	54	
Western wheatgrass.....				54		
Ryegrass, common.....		2,527	256	5,701	2	20,943
Sudan grass.....				33,384	14,202	8,112
Bermuda grass.....				3	71	

<sup>1</sup> All these quantities are included in data in table 380.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 382.—*Field seeds: Season average price per 100 pounds received by farmers, United States, 1929-47*

Year	Orchard grass	Sudan grass	Redtop	White clover	Hairy vetch	Common ryegrass	Austrian winter peas
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1929	11.07	3.68	14.25	18.48			
1930	10.57	5.10	18.25	23.66			
1931	5.07	.86	6.50	18.32			
1932	4.43	.89	3.40	18.22			
1933	7.14	2.74	5.75	12.50			
1934	9.50	6.46	11.10	16.20			
1935	6.86	1.67	5.75	13.50			
1936	12.29	2.63	16.00	15.30	6.90	3.90	2.80
1937	8.43	1.75	8.25	18.20	6.98	5.50	3.70
1938	10.64	1.91	7.80	26.50	6.13	3.60	2.30
1939	10.50	1.75	8.15	30.20	7.49	4.20	2.83
1940	12.29	2.18	7.35	43.00	7.30	3.10	2.95
1941	19.21	1.30	7.00	51.50	7.29	4.30	3.21
1942	20.36	2.98	6.40	45.70	9.87	5.00	4.90
1943	24.40	7.41	12.70	48.90	11.70	7.90	4.90
1944	24.50	4.91	15.30	59.10	11.10	7.00	4.82
1945	20.80	5.28	11.00	75.90	11.20	7.50	3.51
1946	11.10	7.51	16.80	62.00	14.10	7.50	3.45
1947	9.79	6.82	13.20	41.70	17.20	5.80	4.87

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1943, table 301.

TABLE 383.—*Field seeds: Average wholesale price, January to May, for best grades at important markets, 1938-47*

Kind of seed	Market	Price per 100 pounds									
		1938	1939	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
Alfalfa	Kansas City	Dol. 34.00	Dol. 24.75	Dol. 22.75	Dol. 19.00	Dol. 33.50	Dol. 40.50	Dol. 43.60	Dol. 44.00	Dol. 44.00	Dol. 43.00
Red clover	Chicago	40.00	18.00	18.70	14.00	22.50	30.50	41.00	41.00	41.00	55.00
Alsike clover	do	33.00	16.25	23.00	14.50	22.50	31.50	37.00	37.00	39.00	50.00
Sweetclover	Minneapolis	11.35	7.75	6.90	6.60	13.00	12.70	16.75	16.75	16.75	17.50
White clover	Chicago	35.00	42.50	62.50	72.00	73.00	60.00	63.50	80.00	100.00	77.00
Crimson clover	Baltimore	10.35	12.70	11.60	10.85	11.50	12.50	14.90	18.00	20.00	23.30
Lespedeza	Louisville	5.45	3.50	5.55	5.40	7.10	7.75	12.15	8.75	9.50	7.60
Timothy	Chicago	4.00	4.00	6.35	5.25	9.00	6.75	8.00	8.00	8.00	9.50
Redtop	do	11.50	11.15	11.35	10.25	11.50	10.25	17.75	19.50	15.50	21.50
Kentucky bluegrass	Kansas City	10.65	10.50	19.50	18.50	18.50	17.00	27.00	32.50	52.00	98.00
Orchard grass	Louisville	16.15	17.50	16.90	26.00	32.50	33.40	37.00	35.50	34.40	24.00
Meadow fescue	Kansas City	8.85	12.00	14.00	16.00		25.00	25.00	27.00	28.40	30.80
Chewings fescue	Baltimore	39.75	60.00	51.00	32.90	35.00	48.10	64.00	77.00	60.00	72.00
Sheep's fescue	do	26.10	35.00	45.00	45.00						
German mixed bent	do	58.10	55.00	59.00			59.90	72.00	78.00	99.00	125.00
Bermuda grass	do	22.90	24.60	23.70	19.70	38.00	65.00	72.00	63.00	45.00	46.00
Bromus inermis	Minneapolis	19.45	17.05	16.60	19.00	19.40	13.20	18.50	17.50	18.40	26.00
Perennial ryegrass	Baltimore	9.00	11.00	11.00	12.40	14.50	17.30	22.00	19.80	21.50	22.00
Common ryegrass	do	7.55	6.25	6.00	5.05	7.75	9.25	12.00	10.40	11.00	10.80
German millet	Kansas City	3.25	1.85	2.60	3.20	3.25	3.60	7.50	6.00	7.50	7.75
Siberian millet	Minneapolis	2.35	2.50	3.75	4.25	4.00	3.40	5.50	4.25	5.00	7.75
Hungarian millet	Chicago	3.50	3.15	4.50	3.50	4.50	5.00	6.95	6.50	7.00	7.40
Japanese millet	do	3.00	3.00	5.45	5.00	4.00	4.50	5.50	6.00	6.90	7.15
Broomcorn millet	Minneapolis	2.30	2.50	2.15	1.65	2.15	2.50	3.55	2.75	4.50	5.50
Amber sorgo	Kansas City	1.85	1.70	2.75	2.65	2.25	3.75	6.75	5.00	7.50	9.00
Orange sorgo	do	1.80	1.60	2.75	2.70	2.40	3.75	6.75	5.00	7.50	8.50
Sudan grass	do	3.25	3.55	3.50	3.85	3.00	6.00	12.50	7.50	8.50	10.00
Rape	Baltimore	6.55	6.35	7.30	16.50	16.00	10.30	16.00	19.50	18.00	13.70
Hairy vetch	do	8.50	8.20	10.80	10.00	10.75	13.30	15.75	15.25	15.60	20.00
Common vetch	do	4.65	5.00	6.75	6.00	7.50	8.10	9.00	9.00	9.00	9.50
Canada field peas	Minneapolis	5.35	4.85	5.85	5.20	5.50	6.10	6.50	6.00	7.25	8.00
Kafir	Kansas City	1.75	1.55	2.30	2.30	2.75	4.25	5.50	4.25	6.00	5.60
		Price per bushel									
Cowpeas	Baltimore	2.20	2.40	1.90	2.25	2.85	3.10	5.30	5.50	5.25	5.40
Soybeans	Louisville	1.35	1.15	1.50	1.50	2.70	2.30	2.70	2.85	2.95	3.80
Seed corn (hybrid)	St. Louis	3.20	4.50	4.50	4.50	5.70	5.30	6.50	6.50	6.50	6.60
Seed corn (open poll.)	Chicago	1.50	1.25	1.40	1.35	1.60	2.10	3.00	3.25	3.60	3.50
Seed wheat	Minneapolis	1.35	1.25	1.40	1.30	1.70	1.90	2.25	2.25	2.35	3.00
Seed oats	do	.75	.65	.75	.75	.90	1.35	1.75	1.30	1.65	1.65
Seed barley	do	1.15	.90	.90	.90	1.25	1.45	1.95	2.25	1.95	2.60
Seed rye	do	1.30	1.10	1.25	1.25	1.40	1.55	2.15	2.35	3.30	...
Seed buckwheat	do	1.35	1.10	1.10	1.00	1.20	2.15	2.30	1.65	3.00	2.50

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1922-37 in Agricultural Statistics, 1939, table 425.

TABLE 384.—*Field seeds: Retail price per 100 pounds, 4-month (February-May) average, United States, 1938-47*

Kind of seed	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Red clover.....	41.45	20.49	20.88	15.84	24.46	32.22	43.40	43.50	44.10	57.30
Alsike clover.....	36.21	18.91	24.42	17.38	24.92	33.12	41.10	42.10	42.60	54.80
White clover.....	42.20	50.59	71.12	82.52	88.33	83.14	83.80	97.80	126.00	110.00
Sweetclover.....	12.92	8.39	7.98	7.36	13.42	13.88	18.60	18.50	18.60	19.20
Lespedeza, Korean.....	7.25	4.78	7.00	6.58	8.63	9.60	14.90	10.10	10.80	9.60
Alfalfa, common.....	36.30	28.15	25.68	21.84	36.12	45.06	47.65	47.70	48.10	51.80
Alfalfa, Grimm.....	42.29	32.96	30.86	26.29	40.36	50.30	51.80	51.90	52.80	59.60
Timothy.....	5.21	5.24	7.15	6.48	10.21	8.63	9.90	10.00	9.81	10.90
Redtop.....	14.59	14.20	14.55	13.72	14.62	14.07	20.45	23.10	20.80	26.10
Kentucky bluegrass.....	16.86	17.32	25.06	25.14	26.26	25.15	33.75	39.10	59.10	119.00
Ryegrass, common.....	10.01	8.61	8.40	7.40	9.69	10.74	14.10	13.90	14.20	14.50
Orchard grass.....	18.91	20.81	20.75	28.24	35.42	35.88	40.60	41.10	39.00	28.30
German millet.....	4.28	3.21	3.62	3.89	4.42	4.46	7.55	7.09	8.18	8.97
Amber sorgo.....	2.76	2.32	3.15	2.74	2.94	4.18	7.30	6.26	8.06	9.71
Sudan grass.....	4.24	4.30	4.26	4.36	4.09	6.88	13.90	8.96	9.95	11.60
Rape.....	9.49	9.18	9.95	20.04	22.26	15.22	18.90	22.80	23.20	20.00
Canada field peas.....	5.68	5.55	6.41	6.12	6.76	7.74	8.10	8.33	8.82	9.49

Bureau of Agricultural Economics.

TABLE 385.—*Mustard seed: Production of clean seed, by States, and United States imports, average 1936-45, annual 1939-47*

State	Average 1936-45	1939	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
California.....	3,561	5,200	4,320	4,550	4,500	2,500	4,800	860	1,700	1,300
Montana.....	20,359	3,757	13,000	55,180	34,000	30,300	23,800	23,800	30,700	17,400
Other States <sup>2</sup> .....	<sup>3</sup> 3,493	550	2,625	13,325	5,985	1,790	1,180	1,290	2,960	790
Total.....	26,714	9,507	19,945	73,055	44,485	34,590	29,780	25,950	35,360	19,490
Imports for consumption										
Whole seed.....	5,969	10,332	5,172	3,961	505	701	281	1,642	7,216	9,178
Ground or prepared seed.....	614	1,240	1,227	586	15	2	( <sup>4</sup> )	( <sup>4</sup> )	1	24

<sup>1</sup> Preliminary.<sup>2</sup> Washington, Oregon, and North Dakota.<sup>3</sup> Short-time average.<sup>4</sup> Less than 500 pounds.

Bureau of Agricultural Economics. Imports from reports of the Department of Commerce.

TABLE 386.—*Sunflower seed: Production, by States, and United States imports, average 1936-45, annual 1939-47*

State	Average 1936-45	1939	1940	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
California.....	3,731	2,250	4,000	6,000	2,200	2,200	3,700	4,600	4,200	2,300
Illinois.....	281	40	40	450	100	150	700	500	210	150
Missouri.....	854	640	560	1,020	290	350	1,000	1,400	300	-----
Total.....	4,866	2,930	4,600	7,470	2,590	2,700	5,400	6,500	4,710	2,450
Imports for consumption.....	335	4	415	597	798	( <sup>2</sup> )	302	215	24	22

<sup>1</sup> Preliminary.<sup>2</sup> Less than 500 pounds.

Bureau of Agricultural Economics. Production figures compiled from dealers' and growers' reports; imports from the Department of Commerce.

TABLE 387.—*Vegetable seeds: Acreage and production, United States, average 1941-45, annual 1945-47*

Kind of seed	Acreage harvested				Production			
	Average 1941-45	1945	1946	1947 <sup>1</sup>	Average 1941-45	1945	1946	1947 <sup>1</sup>
	Acres	Acres	Acres	Acres	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bean:								
Dwarf green.....	48,796	33,985	29,824	25,543	39,514	29,685	29,378	20,642
Dwarf wax.....	9,333	9,118	8,731	6,043	5,197	6,129	7,907	4,361
Pole.....	7,090	6,663	6,099	6,026	7,207	5,783	6,032	6,311
Dwarf lima.....	13,276	10,382	14,037	15,574	12,824	10,056	13,472	14,747
Pole lima.....	1,368	1,030	1,175	1,059	1,689	1,035	1,069	1,148
Beet, garden.....	4,401	4,645	2,112	2,844	2,558	2,598	1,404	1,850
Mangelwurzel.....	771	1,493	251	304	707	1,755	196	432
Broccoli.....	61	68	34	120	53	70	24	111
Brussels sprout.....	17	37	8	2	5	10	3	( <sup>2</sup> )
Cabbage.....	2,068	1,868	1,342	1,570	887	860	591	1,038
Cabbage, Chinese.....	62	43	29	27	32	12	17	17
Carrot.....	7,280	5,310	2,022	2,815	2,631	1,889	741	1,200
Cauliflower.....	167	108	137	238	62	26	55	98
Celery.....	102	121	121	152	44	54	73	79
Chard, Swiss.....	344	199	84	155	302	137	75	86
Chicory.....	106	104	67	53	15	14	8	17
Corn:								
Sweet hybrids.....	7,294	7,737	7,473	6,608	9,186	10,293	11,325	11,897
Sweet varieties.....	6,018	5,668	3,448	2,915	6,827	6,669	4,520	3,857
Nonsweet.....	854	926	1,435	3,372	1,183	1,387	1,700	355
Cucumber.....	5,007	6,478	7,279	6,078	996	1,516	1,904	1,644
Dill.....	81	36	22	28	36	17	12	10
Eggplant.....	192	157	233	172	22	17	18	17
Endive.....	226	201	250	299	97	112	114	187
Kale.....	198	120	101	59	77	39	35	11
Kohlrabi.....	30	37	11	5	25	25	2	2
Leek.....	108	77	29	13	41	44	5	7
Lettuce								
Heading.....	3,567	3,977	4,007	3,827	663	628	876	811
Loose-leaf.....	1,099	648	402	395	376	217	151	187
Romaine.....	267	143	191	261	94	37	83	84
Muskmelon.....	2,855	3,771	4,641	3,379	519	769	1,046	910
Watermelon.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Mustard.....	1,370	1,043	555	600	496	431	298	236
Okra.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Onion.....	6,051	8,360	2,470	2,722	1,572	2,374	798	1,102
Parsley.....	335	331	282	210	234	237	176	168
Parsnip.....	262	122	50	88	192	113	46	54
Pea:								
Smooth.....	72,925	45,601	47,087	35,758	83,656	47,380	54,631	41,564
Wrinkled.....	115,509	100,467	132,789	143,426	103,586	84,737	129,552	146,684
Pepper.....	2,117	2,753	4,588	3,585	100	128	244	155
Pumpkin.....	555	496	421	261	123	137	120	75
Radish.....	7,446	5,241	3,877	2,277	2,479	2,101	1,259	1,150
Salsify.....	23	26	34	48	13	10	17	47
Spinach.....	5,583	1,178	888	1,208	3,228	600	569	895
Squash:								
Summer.....	2,079	1,477	1,659	894	522	487	600	276
Winter.....	2,126	1,773	1,262	1,185	274	246	252	272
Tomato.....	12,301	11,895	14,252	11,849	441	469	610	482
Turnip.....	4,161	4,661	860	1,410	2,355	3,279	560	943
Rutabaga.....	852	640	32	89	610	535	23	74
Total.....	356,774	291,214	306,701	292,546	293,743	225,147	272,592	266,295

<sup>1</sup> Preliminary.<sup>2</sup> Less than 1,000 pounds.<sup>3</sup> Data incomplete.

Bureau of Agricultural Economics. Compiled from reports of commercial vegetable seed growers, who usually produce about 95 percent of the total commercial production of vegetable seeds.

TABLE 388.—*Vegetable seeds: Stocks held by dealers and Government on June 30, average 1941-45, annual 1943-47*

Kind of seed	Average 1941-45	1943	1944	1945	1946	1947
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bean: Dwarf green .....	11,754	9,208	12,923	18,345	15,121	10,990
Dwarf wax .....	1,996	1,164	1,175	1,485	1,720	2,741
Pole .....	2,935	2,481	3,015	4,539	2,944	2,250
Dwarf lima .....	4,639	4,699	6,182	4,819	1,792	1,340
Pole lima .....	802	768	977	1,376	1,171	466
Beet, garden .....	1,041	458	614	2,301	1,781	1,674
Mangelwurzel .....	129	72	175	238	251	126
Broccoli .....	58	86	69	86	100	77
Brussels sprout .....	4	1	6	7	11	11
Cabbage .....	630	476	244	1,230	1,152	956
Cabbage, Chinese .....	24	16	26	51	66	57
Carrot .....	1,054	442	1,378	2,870	2,103	1,090
Cauliflower .....	41	24	36	102	69	46
Celery .....	45	45	57	62	72	95
Chard, Swiss .....	249	173	320	632	518	363
Chicory .....	18	7	42	30	23	16
Collard .....	140	165	99	187	200	161
Corn: Sweet, hybrids .....	1,624	662	1,170	4,388	3,431	3,904
Sweet varieties .....	2,398	1,411	1,775	4,308	3,745	3,025
Nonsweet .....	455	639	720	248	322	361
Cress .....	2	2	1	3	2	4
Cucumber .....	574	367	461	541	382	877
Dill .....	23	16	41	42	42	30
Eggplant .....	17	12	13	31	14	13
Endive .....	92	83	129	100	124	117
Kale .....	64	36	55	166	158	140
Kohlrabi .....	15	4	4	51	37	23
Leek .....	21	4	20	78	57	36
Lettuce: Heading .....	406	281	388	584	450	589
Loose-leaf .....	257	105	203	569	484	370
Romaine .....	53	38	85	95	64	43
Muskmelon .....	296	343	226	252	266	590
Watermelon .....	401	577	253	297	( <sup>1</sup> )	( <sup>1</sup> )
Mustard .....	292	117	405	570	615	581
Okra .....	120	96	113	105	80	145
Onion .....	221	156	312	454	576	584
Parsley .....	127	103	127	149	178	199
Parsnip .....	98	101	97	195	185	165
Pea: Smooth .....	22,821	26,752	55,613	15,186	6,464	9,834
Wrinkled .....	30,935	26,379	53,843	44,272	14,301	26,337
Pepper .....	63	99	43	33	39	111
Pumpkin .....	158	157	181	165	153	189
Radish .....	1,769	1,693	1,869	2,660	2,660	2,022
Salsify .....	17	11	4	9	9	11
Spinach .....	1,869	1,967	2,835	3,096	1,195	1,560
Squash: Summer .....	341	314	403	539	534	595
Winter .....	177	130	182	336	350	335
Tomato .....	231	172	160	255	255	438
Turnip .....	1,592	1,384	920	2,331	2,808	1,343
Rutabaga .....	406	165	314	1,259	796	345
Total .....	93,491	84,661	150,303	121,727	<sup>2</sup> 69,870	<sup>2</sup> 77,375

<sup>1</sup> Data incomplete.<sup>2</sup> Does not include watermelon seed.

Bureau of Agricultural Economics. Compiled from reports of 265 vegetable seed dealers, who handle annually about 95 percent of the total production of vegetable seeds.



TABLE 389.—Vegetable seeds: Stocks held by the Government on June 30, 1944-47<sup>1</sup>

Kind of seed	1944	1945	1946	1947	Kind of seed	1944	1945	1946	1947
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bean:					Lettuce:				
Dwarf green	790	400	49		Heading	147	155	19	
Dwarf wax		14			Loose-leaf	13	39	5	
Pole	75	137	2	6	Romaine	17	13		
Dwarf lima	68	4	1		Muskmelon	14	7	4	
Beet, garden	88	419	9	1	Watermelon	19	14		
Mangelwurzel	13	5	113		Mustard		5		
Broccoli	7	7			Okra		1	1	
Brussels sprout		1			Onion	110	107	18	1
Cabbage	35	453	166		Parsley		7	6	9
Cabbage, Chinese	5	11	10		Parsnip	21	20		
Carrot	446	870	583		Pea:				
Cauliflower	20	59	32		Smooth	2,255	33		1
Celery	8	7	7		Wrinkled	2,271	1,481	10	
Chard, Swiss	28	57	43		Pepper		7	2	
Chicory	3	2	1		Pumpkin		32	13	1
Corn:					Radish		271	295	251
Sweet, hybrids	182	481	166	28	Salsify			1	1
Sweet, varieties	149	89	127		Spinach		48	120	39
Cucumber	58	93	6		Squash:				
Eggplant	1	3			Summer		44	65	
Endive	11	9	9		Winter		10	22	1
Kale	4	3			Tomato		12	17	2
Kohlrabi		13			Turnip		82	334	2
Leek	6	56	3		Rutabaga		100	630	34

<sup>1</sup> All these quantities are included in data in table 388.

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TABLE 390.—Vegetable seeds: Imports admitted under the Federal Seed Act, United States, 1945-47

Kind of seed	Year beginning July—			Kind of seed	Year beginning July—		
	1945	1946	1947		1945	1946	1947
	100 pounds	100 pounds	100 pounds		100 pounds	100 pounds	100 pounds
Artichoke		1		Mustard <sup>1</sup>	1	305	319
Asparagus		72	43	Mustard:			
Bean:				Spinach		1	
Garden	6	111	1,183	Vegetable			3
Lima			77	Okra	1		
Horse or broad	4	24	578	Onion	1,197	1,048	888
Beet	5	151	103	Pak-choi			11
Broccoli		8	13	Parsley <sup>1</sup>	1	35	17
Brussels sprout	1	6	7	Parsnip (cultivated)	20	1	5
Cabbage	300	467	160	Pea, garden	6,305	3,455	857
Carrot	15	428	537	Pepper <sup>1</sup>		3	12
Cauliflower	34	76	38	Pe-tsai	13	31	39
Celeraic			1	Pumpkin <sup>1</sup>			2
Celery <sup>1</sup>		2		Radish	82	393	1,123
Chicory	56	102	51	Rhubarb	1		
Corn, sweet	44	17	4	Rutabaga	20	92	109
Cress:				Salsify		3	
Garden	1	23	14	Sorrel		10	
Water			1	Soybean <sup>1</sup>			1
Cucumber	8	11	15	Spinach	2,846	21,655	17,072
Eggplant		4	2	Spinach, New Zealand	2	41	65
Endive	7	10	4	Squash	1	4	9
Fetticus (cornsalad)	7	23	11	Swiss chard		1	22
Kale	20	53	31	Tomato	10	90	41
Kohlrabi		12	31	Turnip	1	56	432
Leek		4	6	Watermelon			4
Lettuce		29	11				
Muskmelon	1		1	Total	11,010	28,858	23,953

<sup>1</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Production and Marketing Administration. Data for 1939-43 in Agricultural Statistics, 1946, table 372, and for 1944 in the 1947 book, table 381.

TABLE 391.—Usual rate of seeding specified crops, by States (quantity of seed used per acre)

State	Corn	Winter wheat	Durum wheat	Other spring wheat	Oats	Burley	Rye	Back-wheat	Flax-seed	Sor-grum grain	Rice	Beans, dry, edible	Peas, dry, field	Soy-beans	Cow-peas	Pota-foes (Irish)	Peanuts
	Pounds	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Pounds	Pounds	Pounds	Pounds	Bushels	Bushels	Bushels	Pounds
Maine.....	14.0			2.0	3.0	2.2	1.8	1.7				70				25	
New Hampshire.....	16.0				2.6	2.1	1.8									18	
Vermont.....	17.0				2.4		1.3	1.1							1.4		
Massachusetts.....	15.5				2.5		1.3										
Rhode Island.....	15.5				2.8		1.3										
Connecticut.....	14.0				2.3		1.4										
New York.....	13.0	2.1		2.0	2.5	2.0	1.8	1.0				60		1.4		19	
New Jersey.....	3.5	2.0			2.3	2.1	1.8							1.9		17	
Pennsylvania.....	3.5	2.0		2.0	2.5	2.1	1.9	1.2						1.9		19	
Ohio.....	8.0	2.0			2.4	1.9	1.3							1.9		18	
Indiana.....	7.0	1.7		1.8	2.3	1.8	1.3							1.6		17	
Illinois.....	7.5	1.4		1.8	2.7	1.9	1.4	1.0	0.8	10.0		45	140	1.4		12	
Michigan.....	9.0	1.9		1.9	2.1	1.8	1.5					45	100	1.6		16	
Wisconsin.....	9.0	1.7		1.8	2.6	1.9	1.6	1.0	.75			45	100	1.1		14	
Minnesota.....	8.0	1.7	1.7	1.6	2.7	2.0	1.7	.9	.7	10.0		48		1.3		15	
Iowa.....	8.0	1.7		1.9	3.0	2.0	1.6	.9	.8	10.0				1.1		14	
Missouri.....	7.0	1.4			2.2	1.8	1.4	.9	.8	9.0				1.3		14	
North Dakota.....	8.5	1.0	1.4	1.1	1.8	1.5	1.3	.9	.55	9.0		50	140	1.1		16	
South Dakota.....	7.0	1.1	1.3	1.1	2.2	1.6	1.3	1.0	.65	8.5		50		1.1		13	
Nebraska.....	6.5	1.1		1.1	2.2	1.6	1.2		.7	7.0		55		1.1		14	
Kansas.....	6.5	1.0		1.1	2.1	1.3	1.1			6.0		40		.8	.7	12	
Delaware.....	9.0	1.8			2.0	1.8	1.5							1.7		10	
Maryland.....	8.5	1.9			2.1	1.8	1.6	1.3						1.4		12	
Virginia.....	9.0	1.5			2.0	1.8	1.4	1.1						1.4		11	
West Virginia.....	9.0	1.8			2.2	1.8	1.5	1.4						1.8		15	
North Carolina.....	8.5	1.6			2.3	1.9	1.2	1.0						1.3		15	
South Carolina.....	7.5	1.4			2.2	1.9	1.2							1.3		10	
Georgia.....	7.5	1.3			2.2	1.7	1.2							.8		10	
Florida.....	7.0				1.6									.8		12	
Kentucky.....	7.5	1.4			1.7	1.7	1.4	1.0						1.5		12	
Tennessee.....	8.0	1.3			1.8	1.7	1.3	1.0						1.0		10	
Alabama.....	8.5	1.3			2.1									1.0		10	
Mississippi.....	3.0	1.4			2.2									1.1		9	
Arkansas.....	8.0	1.4			2.0	1.5								1.0		9	
Louisiana.....	9.0				2.1					9.0	118			1.0		9	
Oklahoma.....	8.0	1.0			2.0	1.5				7.0	102			1.0		8	
Texas.....	7.5	1.7			2.0	1.5	1.1		.8	8.5	96			.8		10	
Montana.....	8.0	.9		1.0	2.0	1.3	1.0		.75			55	150	.5		12	
Idaho.....	9.5	1.4		1.6	1.7	1.4	1.0		.4			58	145			20	
Wyoming.....	7.5	.9		1.0	2.5	1.9	1.2		.8			75	145			15	
Colorado.....	7.0	.9		1.0	2.0	1.5	.9		.6			60	145			22	
New Mexico.....	6.5	.7		1.0	1.9	1.3	.9			10.5	105			1.0		13	
Arizona.....	10.0	1.4			1.8	1.4	.9			11.0		17		1.0		18	
Utah.....	11.0	1.4		1.8	2.5	2.0	1.4			9.0		26		1.0		17	
Nevada.....	11.0	1.5		1.6	2.7	2.2						24				18	
Washington.....	11.0	1.3		1.3	2.6	1.9	1.2		.7			60	150			18	
Oregon.....	9.0	1.4		1.4	2.6	1.9	1.1		.7			70	125			20	
California.....	10.0	1.3			2.3	1.7	1.3		.75	7.0	140					25	
United States.....	7.8	1.18	1.39	1.16	2.38	1.63	1.28	1.0	.62	8.0		43	140	1.33	.83	16.7	48.8

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Rate on equivalent solid acres (acres grown alone, plus approximately one-half the interplanted acres).

TABLE 392.—*Beans, dry, edible: Acreage, production, value, and foreign trade, United States, 1929-47*<sup>1</sup>

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production		Season average price per 100 pounds received by farmers <sup>2</sup>	Farm value <sup>3</sup>	Wholesale price per 100 pounds of pea beans, New York, year beginning September <sup>4</sup>	Foreign trade, year beginning September <sup>5</sup>	
				Uncleaned	Equivalent cleaned				Domestic exports	Imports
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 bags</i> <sup>7</sup>	<i>1,000 bags</i> <sup>7</sup>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>1,000 bags</i> <sup>7</sup>	<i>1,000 bags</i> <sup>7</sup>
1929 <sup>8</sup>		<i>1,746</i>	<i>699.4</i>	<i>12,212</i>						
1929	1,924	1,845	666.1	12,289	11,561	6.82	78,790	7.87	250	170
1930	2,266	2,160	663.9	14,341	13,540	4.03	54,605	5.51	930	174
1931	2,145	1,947	661.7	12,884	11,970	2.07	24,799	2.99	2,065	87
1932	1,625	1,431	766.0	10,961	10,410	1.97	20,533	2.58	1,662	79
1933	1,895	1,729	738.0	12,760	12,065	2.77	33,479	3.31	1,250	69
1934 <sup>8</sup>		<i>1,488</i>	<i>753.9</i>	<i>11,218</i>						
1934	1,985	1,461	780.2	11,399	10,556	3.52	37,526	3.73	2,000	55
1935	2,087	1,865	768.6	14,335	13,333	2.95	39,293	3.29	1,150	87
1936	1,950	1,626	727.0	11,821	10,767	5.37	57,835	7.32	1,120	26
1937	1,911	1,695	933.9	15,830	14,940	3.10	46,251	3.59	925	88
1938	1,759	1,643	955.8	15,704	14,717	2.56	37,657	2.87	2,450	298
1939 <sup>8</sup>		<i>1,587</i>	<i>894.8</i>	<i>14,200</i>						
1939	1,876	1,679	896.0	15,045	14,254	3.25	46,265	3.92	3,150	793
1940	2,079	1,903	890.0	16,945	15,790	3.18	50,185	4.25	3,450	1,545
1941	2,250	2,019	919.0	18,556	17,100	4.55	77,727	5.55	3,500	1,562
1942	2,102	1,925	986.0	18,987	17,568	5.16	90,670	6.25	4,573	2,878
1943	2,599	2,362	889.0	21,002	19,435	6.05	117,493	6.66	3,581	2,657
1944		<i>1,898</i>	<i>824.0</i>	<i>15,645</i>						
1944	2,155	1,996	809.0	16,147	15,060	6.28	94,521	6.98	4,311	2,328
1945	1,656	1,485	881.0	13,083	11,954	6.55	78,348	7.17	855	887
1946	1,697	1,616	981.0	15,859	14,737	10.60	156,550	13.50	330	950
1947 <sup>11</sup>	1,839	1,759	976.0	17,164	15,726	12.00	188,786			

<sup>1</sup> Table includes, besides the ordinary edible beans and beans grown for seed, blackeyes, and garbanzos in California. Soybeans and mung beans are not included. Mung beans were produced in Oklahoma as follows (1,000 pounds): 1942—5,400; 1943—6,300; 1944—11,000; 1945—24,200; 1946—14,700; 1947—10,080.

<sup>2</sup> Price of cleaned beans.  
<sup>3</sup> Farm value of dry edible beans equals the price of cleaned beans applied to the production of cleaned beans rather than total production.

<sup>4</sup> Compiled from New York Producers' Price Current. Average of daily quotations.  
<sup>5</sup> Data on stocks not available after April 1947.  
<sup>6</sup> Imports and exports compiled from Monthly Summary of Foreign Commerce of the United States and official records of the Department of Commerce.

<sup>7</sup> Bags of 100 pounds.  
<sup>8</sup> Acreage grown alone.  
<sup>9</sup> Imports for consumption, beginning 1933.  
<sup>10</sup> Including Government holdings.  
<sup>11</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns; census figures include all States; other figures, principal producing States only.  
 Data for 1909-28 in Agricultural Statistics, 1942, table 458.

TABLE 393.—Beans and garbanzos, dry, edible: Production in specified countries, bags of 100 pounds, averages 1930-34 and 1935-39, annual 1942-47<sup>1</sup>

Item, continent, and country	Average		1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
<b>BEANS</b>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
<b>North America:</b>								
Canada.....	670	770	932	844	859	776	944	869
El Salvador.....	300	426	546	497	498	490	843	600
Guatemala.....	152	598	1,618	390	337	370	400	400
Mexico.....	2,910	2,379	4,030	3,469	4,038	3,565	3,056	3,417
United States.....	12,467	14,530	18,943	20,951	16,117	13,045	15,820	17,133
Cuba <sup>3</sup> .....	900	950	950	900	800	950	900	659
Dominican Republic.....	400	515	393	408	476	475	423	419
Total.....	17,799	20,368	27,412	27,459	23,125	19,671	22,386	23,497
<b>Europe:</b>								
Austria.....	226	424	300	200	106	79	75	83
Bulgaria <sup>4</sup> .....	1,532	2,373	3,513	4,399	4,030	1,453	1,343	756
Czechoslovakia <sup>5</sup> .....	254	454	300	306	401	362	128	85
France.....	2,806	3,069	2,062	1,733	1,844	1,102	1,622	1,257
Germany <sup>6</sup> .....	231	150	150	150	150	145	130	140
Greece.....	269	394	154	152	150	309	346	539
Hungary.....	1,448	1,190	1,945	2,055	1,123	1,080	1,012	1,933
Italy.....	3,548	3,768	3,516	1,929	2,137	1,058	1,778	2,889
Netherlands.....	371	307	585	450	300	250	113	162
Poland <sup>6</sup> .....	845	473	640	626	608	612	600	600
Portugal.....	923	855	1,211	837	736	596	894	500
Rumania <sup>6</sup> .....	6,280	4,907	4,358	3,968	2,503	1,700	1,208	972
Spain.....	3,468	4,368	3,307	2,315	2,175	1,493	1,576	2,756
Sweden.....	55	36	14	13	12	12	13	7
Yugoslavia <sup>6</sup> .....	2,980	2,714						
Total.....	25,236	24,789	25,055	21,515	19,385	12,951	12,717	15,430
<b>Asia:</b>								
Turkey.....	1,551	1,358	2,445	2,413	1,364	954	1,476	1,595
Japan <sup>8</sup> .....	3,428	3,361	3,061	2,728	1,854	1,045	1,338	1,400
Korea.....	2,811	4,298	2,980	2,940	2,180	1,814	2,072	2,501
Total.....	7,790	7,517	8,486	8,081	5,398	3,813	4,886	5,496
<b>South America:</b>								
Argentina.....	160	4300	544	800	836	909	853	875
Brazil.....	15,855	17,932	20,185	22,417	19,742	22,509	22,192	23,810
Chile.....	1,746	1,744	1,544	1,696	1,490	1,424	1,754	1,552
Uruguay.....	77	88	32	40	30	50	36	29
Total.....	17,838	20,064	22,305	24,953	22,098	24,892	24,835	26,266
<b>Africa:</b>								
Algeria.....	12	7	4	4	4	6	5	4
Egypt.....	7,066	6,521	6,113	6,261	7,108	6,797	6,612	5,763
French Morocco.....	6	6	37	26	29	21	84	35
Madagascar <sup>9</sup> .....	425	944	612	453	478	630	515	650
Angola.....	1,089	4617	800	1,073	800	1,181	1,000	1,000
Union of South Africa.....	300	400	486	257	455	598	550	670
Total.....	9,298	8,495	8,052	8,074	8,874	9,233	8,766	8,122
Total of specified countries..	77,961	81,233	91,310	90,082	78,880	70,560	73,590	78,811
<b>GARBANZOS (CHICKPEAS)</b>								
<b>North America:</b>								
Mexico <sup>10</sup> .....	1,229	1,099	1,825	1,682	1,962	2,194	2,336	2,443
United States.....	2	17	45	51	30	38	39	31
Total.....	1,231	1,116	1,870	1,733	1,992	2,232	2,375	2,474
<b>Europe:</b>								
Bulgaria.....	9	17	75	514	439	254	134	111
Greece.....	177	259	132	130	132	154	289	237
Italy.....	723	838	646	670	696	308	759	1,055
Portugal.....	224	270	298	256	227	147	230	225
Rumania.....	22	44	10	10	3	4	2	2
Spain.....	2,418	3,040	2,590	2,292	2,412	1,550	1,314	2,754
Total.....	3,573	4,468	3,749	3,872	3,909	2,427	2,728	4,384

TABLE 393.—Beans and garbanzos, dry, edible: Production in specified countries, bags of 100 pounds, averages 1930-34 and 1935-39, annual 1942-47<sup>1</sup>—Continued

Item, continent, and country	Average		1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1930-34	1935-39						
<b>GARBANZOS (CHICKPEAS)—Con.</b>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
Asia:	<i>bags</i>	<i>bags</i>	<i>bags</i>	<i>bags</i>	<i>bags</i>	<i>bags</i>	<i>bags</i>	<i>bags</i>
Lebanon and Syria.....	280	309	331	183	332	485	428	320
Palestine.....	32	30	31	39	66	83	80	75
Turkey.....	1,049	1,227	2,000	1,976	1,417	966	1,493	1,594
India <sup>11</sup> .....	80,658	79,457	70,134	91,616	75,510	86,173	84,314	82,252
Total.....	82,019	81,023	72,496	93,814	77,325	87,707	86,315	84,241
South America:								
Argentina.....	120	200	84	119	89	62	87	170
Chile.....	124	109	96	76	102	86	100	132
Total.....	244	309	180	195	191	148	187	302
Africa:								
Algeria.....	257	162	109	106	90	110	100	132
Egypt.....	80	90	159	169	245	304	188	185
French Morocco.....	334	380	944	639	553	82	175	295
Spanish Morocco.....	18	29	46	56	80	9	27	50
Tunisia.....	57	89	22	11	20	79	95	75
Total.....	746	750	1,280	981	988	584	555	737
Total of specified countries..	87,813	87,666	79,575	100,595	84,405	93,098	92,190	92,138

<sup>1</sup> Excluding soybeans, mung, adzuki, broad or horse beans, and similar classes not commonly used as edible beans in the United States. Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with the Southern Hemisphere harvest which began late in 1947 and ended early in 1948.

<sup>2</sup> Preliminary

<sup>3</sup> Includes a very small quantity of chickpeas and peas.

<sup>4</sup> Austria, Czechoslovakia, Germany, Poland, and Angola, 4 years; Spain, Madagascar, and Korea, 2 years; Argentina, 3 years.

<sup>5</sup> Includes data for Southern Dobrudja for 1942 to date; the figures, therefore, are not strictly comparable with earlier years shown.

<sup>6</sup> Data for 1946 and 1947 are for present boundaries, therefore the figures are not strictly comparable with earlier years shown.

<sup>7</sup> Includes estimates for countries for which data are not shown for individual years.

<sup>8</sup> Revised series of Japanese official statistics.

<sup>9</sup> Includes lima, kidney, and dolichos dry edible beans.

<sup>10</sup> Some used for stockfeeding.

<sup>11</sup> Includes India and Pakistan.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Estimates for countries having changed boundaries have been adjusted to prewar boundaries except as noted.

TABLE 394.—Beans, dry, edible: Acreage, yield, production, and season average price per bag of 100 pounds received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Acreage planted			Acreage harvested			Yield per harvested acre			Production				Price <sup>3</sup> for crop of—		
	1936-45			1936-45			1936-45			Uncleaned		Equivalent cleaned		Average 1936-45	1946	1947 <sup>1</sup>
	Average	1946	1947 <sup>1</sup>	Average	1946	1947 <sup>1</sup>	Average	1946	1947 <sup>1</sup>	Average	1946	1947 <sup>1</sup>	Average			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	Dollars	Dollars	Dollars	
Maine.....	8	5	6	8	5	6	1,010	980	1,100	81	49	66	6.72	18.50	19.50	
New York.....	144	123	133	133	119	125	1,189	1,250	1,100	1,488	1,443	1,306	5.02	11.10	12.00	
Michigan.....	582	531	494	530	519	467	4,404	3,841	3,668	4,115	3,668	2,847	4.42	9.60	12.80	
Minnesota.....	4	3	1	4	3	1	526	500	350	22	15	4	5.14	10.40	11.00	
Total Northeast.....	743	662	635	680	646	599	845	835	764	5,724	5,393	4,574	4.58	10.10	12.60	
North Dakota.....	38	64	80	35	62	73	1,314	1,700	850	454	6	8	8.30	8.70	11.50	
Nebraska.....	26	21	27	24	20	26	1,226	1,400	1,400	276	280	361	4.28	8.70	9.30	
Montana.....	127	131	159	122	128	154	1,534	1,700	1,520	1,871	2,176	2,341	4.14	10.20	9.20	
Wyoming.....	73	93	112	68	90	107	1,266	1,450	1,350	864	1,303	1,444	4.08	8.80	9.50	
Washington.....	3	4	4	3	4	4	1,082	1,075	1,200	28	43	48	4.35	9.20	12.00	
Total Northwest.....	269	314	383	252	305	365	1,400	1,595	1,442	3,512	4,864	5,263	4.08	9.39	9.33	
Colorado.....	385	276	331	308	249	321	539	650	800	1,676	1,618	2,598	4.26	11.90	11.30	
New Mexico.....	245	142	145	208	114	130	321	225	210	694	256	273	4.36	11.40	11.50	
Arizona.....	14	14	15	13	13	14	455	900	430	58	117	60	54	4.88	12.00	
Utah.....	6	6	7	6	6	6	644	400	900	35	24	63	5.06	9.40	11.50	
Total Southwest.....	633	438	498	536	382	472	455	527	628	2,467	2,015	2,964	4.31	11.80	11.30	
California, Lima.....	161	149	149	161	149	149	1,354	1,342	1,406	2,187	2,000	2,095	---	---	---	
California, other.....	207	134	174	204	134	174	1,178	1,184	1,303	2,423	1,587	2,248	---	---	---	
Total California.....	369	283	323	365	283	323	1,258	1,267	1,351	4,610	3,587	4,363	5.26	12.50	15.00	
United States.....	2,034	1,697	1,839	1,833	1,616	1,759	889	981	976	16,312	15,859	17,164	4.60	10.60	12.00	

<sup>1</sup> Preliminary.<sup>2</sup> Price of cleaned beans.<sup>3</sup> Bags of 100 pounds.<sup>4</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 395.—Beans, dry edible: Production and farm disposition, United States, 1938-47<sup>1</sup>

Crop of—	Production		Farm disposition (cleaned basis)			
	Total	Cleaned	Used for seed		For farm household use <sup>2</sup>	Sold
			Total	On farms where grown		
	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>
1938.....	15,704	14,717	792	461	80	14,176
1939.....	15,045	14,254	907	511	75	13,668
1940.....	16,945	15,790	992	520	67	15,203
1941.....	18,556	17,100	974	509	71	16,520
1942.....	18,987	17,568	1,142	487	61	17,020
1943.....	21,002	19,435	987	498	60	18,877
1944.....	16,147	15,060	767	348	54	14,658
1945.....	13,083	11,954	796	287	55	11,612
1946.....	15,859	14,737	880	346	51	14,340
1947 <sup>4</sup> .....	17,164	15,726	850	396	47	15,283

<sup>1</sup> Excluding soybeans.

<sup>2</sup> Also includes small quantities fed to livestock, or lost.

<sup>3</sup> Bags of 100 pounds.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 396.—Beans, dry, edible: Production and farm disposition, by States, crops of 1946 and 1947<sup>1</sup>

State	Crop of 1946						Crop of 1947 <sup>2</sup>					
	Production		Farm disposition (cleaned basis)				Production		Farm disposition (cleaned basis)			
	Total	Cleaned	Used for seed		Consumed in farm household <sup>2</sup>	Sold	Total	Cleaned	Used for seed		Consumed in farm household <sup>2</sup>	Sold
			Total	On farms where grown					Total	On farms where grown		
	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>
Maine.....	49	44	4	3	6	35	66	62	5	4	4	54
New York.....	1,488	1,443	82	9	3	1,431	1,375	1,306	84	14	3	1,289
Michigan.....	3,841	3,668	222	124	16	3,528	3,129	2,847	222	173	15	2,659
Minnesota.....	15	14	1	1	-----	13	4	3	1	1	-----	2
North Dakota.....	6	4	1	-----	-----	4	8	6	-----	-----	-----	6
Nebraska.....	1,054	1,022	46	-----	1	1,021	1,058	1,005	46	2	1	1,002
Montana.....	280	246	16	5	-----	241	364	335	19	5	-----	330
Idaho.....	2,176	1,958	148	64	2	1,892	2,341	2,060	126	54	2	2,004
Wyoming.....	1,305	1,214	73	17	1	1,196	1,444	1,328	68	22	1	1,305
Colorado.....	1,618	1,448	63	30	4	1,414	2,568	2,396	60	28	4	2,364
New Mexico.....	256	243	28	14	12	217	273	259	27	17	11	231
Arizona.....	117	108	6	4	5	99	60	54	4	3	4	47
Utah.....	24	22	1	1	-----	21	63	52	2	1	-----	51
Washington.....	43	39	3	-----	-----	39	48	43	4	-----	-----	43
California.....	3,587	3,264	187	74	1	3,189	4,363	3,970	182	72	2	3,896
United States.....	15,859	14,737	880	346	51	14,340	17,164	15,726	850	396	47	15,283

<sup>1</sup> Excluding soybeans.

<sup>2</sup> For some States also includes small quantities fed to livestock, or lost.

<sup>3</sup> Preliminary.

<sup>4</sup> Bags of 100 pounds.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 397.—*Beans, dry, edible: Production, by classes, in 100-pound bags, United States, 1942-47*<sup>1</sup>

Class	Production (uncleaned)					
	1942	1943	1944	1945	1946	1947 <sup>2</sup>
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
Pea and medium white .....	5,393	5,568	4,667	3,032	3,999	3,380
Great Northern .....	3,096	4,048	2,694	2,724	3,742	3,919
Small white .....	815	678	515	424	391	553
White marrow .....	169	88	54	56	48	50
White kidney .....	54	29	15	6	10	10
Pinto .....	3,324	4,084	3,081	2,187	2,309	3,430
Red kidney <sup>3</sup> .....	924	690	613	594	1,290	1,155
Pink .....	572	530	299	299	378	515
Small red .....	361	402	309	249	338	532
Cranberry .....	299	288	126	107	80	78
Yelloweye .....	146	161	118	76	85	86
Standard lima .....	1,355	1,335	1,191	979	841	919
Baby lima .....	825	1,128	1,012	1,083	1,159	1,176
Blackeye, California .....	733	896	444	452	436	694
Garbanzo .....	45	51	30	38	39	31
Other .....	876	1,026	979	777	714	636
Total .....	18,987	21,002	16,147	13,083	15,859	17,164

<sup>1</sup> Soybeans and mung beans are not included.<sup>2</sup> Preliminary.<sup>3</sup> Includes dark red kidney.

Bureau of Agricultural Economics.

TABLE 398.—*Beans, dry, edible: Season average wholesale price per 100 pounds, 1938-47*

Market and variety	Year beginning September—									
	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>	<i>Dol-</i>
	<i>lars</i>	<i>lars</i>	<i>lars</i>	<i>lars</i>	<i>lars</i>	<i>lars</i>	<i>lars</i>	<i>lars</i>	<i>lars</i>	<i>lars</i>
New York City: <sup>1</sup>										
Pea, choice .....	2.87	3.92	4.25	5.55	6.25	6.66	6.98	7.17	13.50	14.51
F.o.b. California points: <sup>2</sup>	5.30	5.79	6.03	8.98	9.32	9.51	9.94	9.96	18.75	-----
Lima, regular, choice .....	2.82	3.33	3.61	5.46	6.62	6.73	7.10	7.13	11.25	10.14
Lima, standard .....	4.42	4.76	5.10	7.79	7.96	8.03	8.40	8.52	18.49	23.86
Red kidney .....	4.19	5.50	5.58	6.90	6.28	6.33	6.70	6.78	14.58	14.37
Small red .....	2.84	3.46	3.40	4.35	5.61	5.83	6.20	6.23	14.08	11.42
Small white .....	2.82	3.79	3.77	4.94	5.63	5.83	6.20	6.23	15.42	15.23
F.o.b. Idaho points: <sup>3</sup> Great Northern, U. S. No. 1 .....	2.37	3.07	3.20	4.40	5.56	5.82	6.20	6.20	10.67	10.81
F.o.b. Colorado points: <sup>3</sup> Pinto, choice, re-cleaned .....	4.01	3.76	3.07	4.35	5.65	5.92	6.30	6.30	16.37	10.51
F.o.b. Michigan points: <sup>3</sup> Pea, choice .....	2.36	3.34	3.68	4.94	5.70	5.93	6.25	6.88	12.88	13.29

<sup>1</sup> Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.<sup>2</sup> Price includes cleaning and handling charges.<sup>3</sup> Price includes brokerage, cleaning and handling charges.

Bureau of Agricultural Economics. Compiled as follows: New York Producers Price Current; San Francisco Weekly Bean Market Review; and records of the Production and Marketing Administration.



TABLE 399.—*Peas, dry, field: Acreage, yield, production, season average price per bag of 100 pounds received by farmers, and value, United States, 1929-47*<sup>1</sup>

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Price <sup>2</sup>	Farm value
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 bags</i> <sup>3</sup>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	250	192	935	1,795		
1930	295	229	923	2,114		
1931	312	241	914	2,202		
1932	257	219	956	2,094		
1933	294	258	1,004	2,591	2.49	6,449
1934	330	277	1,032	2,859	2.67	7,632
1935	370	320	1,058	3,385	2.17	7,352
1936	296	236	1,136	2,682	2.27	6,088
1937	276	227	1,363	3,095	1.72	5,327
1938	225	165	1,078	1,778	1.85	3,293
1939	238	169	1,130	1,909	2.52	4,805
1940	314	247	887	2,192	3.15	6,906
1941	379	291	1,352	3,934	3.47	12,006
1942	518	493	1,501	7,402	4.48	30,278
1943	825	795	1,371	10,903	4.91	49,265
1944	752	719	1,237	8,894	4.97	39,871
1945	549	518	1,142	5,915	4.20	22,519
1946	521	498	1,357	6,758	4.90	30,076
1947 <sup>4</sup>	551	520	1,252	6,513	5.36	32,003

<sup>1</sup> These figures are for the States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas, nor Austrian winter peas.

<sup>2</sup> Prior to 1940, prices are as of Dec. 1. Prior to 1941, they are applied to the total production, by States, to obtain approximate farm value. Beginning in 1941, prices are applied to the production of cleaned peas. Prices not available for 1929-32.

<sup>3</sup> Bags of 100 pounds (uncleaned).

<sup>4</sup> Preliminary.

TABLE 400.—Peas, dry, field: Acreage, yield, production (average 1936-45), and season average price per bag of 100 pounds received by farmers, by States, annual 1946 and 1947<sup>1</sup>

State	Acreage planted		Acreage harvested			Yield per harvested acre			Production				Price <sup>3</sup> for crop of—	
	1946		1947 <sup>2</sup>		Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>	1946	1947 <sup>2</sup>
	1,000 acres	acres	1,000 acres	acres	1,000 acres	acres	acres	Pounds	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	1,000 bags <sup>4</sup>	Dollars	Dollars
Wisconsin	5	1	1,100	1	880	1,100	1,050	1,050	47	11	10	9	4.95	5.00
Minnesota	—	6	8	6	7	800	1,000	1,000	—	48	42	38	5.50	5.00
North Dakota	—	15	20	15	18	1,350	1,080	1,080	—	202	194	175	4.75	4.75
Montana	—	32	29	24	23	1,140	1,200	1,060	—	368	244	210	5.00	5.95
Idaho	119	161	153	133	160	1,185	1,350	1,320	362	2,106	1,980	1,782	4.35	5.15
Wyoming	6	2	3	4	2	1,085	1,250	1,200	—	38	24	21	7.00	6.65
Colorado	42	23	35	18	21	865	730	900	121	120	180	165	5.20	4.66
Washington	204	244	256	185	247	1,313	1,480	1,350	2,809	3,478	3,334	3,134	4.70	5.30
Oregon	—	20	25	19	24	1,316	1,300	1,180	266	2,247	283	240	4.90	5.40
California	—	18	27	18	27	—	890	790	—	160	213	148	6.40	8.70
United States	437	521	551	386	520	1,220	1,357	1,252	4,870	6,758	6,513	6,141	4.90	5.36

<sup>1</sup> These figures are for the States in which dry edible and seed peas are grown commercially in material quantities, and do not include cowpeas nor Austrian winter peas.  
<sup>2</sup> Preliminary.

<sup>3</sup> Price of cleaned peas.  
<sup>4</sup> Bags of 100 pounds.  
<sup>5</sup> Short-time average.

Bureau of Agricultural Economics.

TABLE 401.—Peas, dry, edible: Acreage, yield per acre, and production in specified countries, average 1935-39, annual 1945-47<sup>1</sup>

Continent and country	Acreage cultivated			Yield per acre			Production					
	Average 1935-39	1945	1946	1947 <sup>2</sup>	Average 1935-39	1945	1946	1947 <sup>2</sup>	Average 1935-39	1945	1946	1947 <sup>2</sup>
	1,000 acres	acres	1,000 acres	acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>	1,000 bags <sup>3</sup>
North America:	—	—	—	—	—	—	—	—	—	—	—	—
Canada <sup>4</sup>	85	93	110	128	948	880	1,108	838	806	818	1,319	1,073
United States	223	518	512	520	1,152	1,142	1,353	1,252	2,570	5,915	6,926	6,513
Total	308	611	631	648	1,096	1,102	1,367	1,171	3,376	6,733	8,245	7,586

DRY EDIBLE PEAS

Europe:																								
Austria.....	12						7	5 1, 217	856	938	757	5 146	77	75	53									
Belgium.....	18						17	2, 261	1, 779	1, 978	2, 024	2, 024	605	455	344									
Denmark.....	3						21	1, 900	610	610	605	27	85	61	127									
Bulgaria <sup>6</sup> .....	15						26	1, 167	1, 205	983	708	530	530	268	184									
Czechoslovakia <sup>7</sup> .....	36						26	1, 286	873	869	1, 088	5 270	262	262	283									
Finland.....	21						32	1, 410	1, 090	1, 574	1, 459	1, 459	1, 149	1, 080										
France.....	60						74	1, 422	1, 000	667	1, 750	5 1, 806	800	600	675									
Germany <sup>7</sup> .....	127						90	1, 422	851	651	651	5 747	800	617	443									
Hungary.....	69						68	1, 083	541	651	651	5 747	800	617	443									
Italy.....	59						46	686	349	498	498	405	199	229	255									
Luxembourg.....	1						45	400	600	300	400	400	6	3	4									
Netherlands.....	81						64	2, 431	1, 642	1, 707	1, 553	2, 382	1, 330	1, 212	994									
Norway.....	3						2	1, 950	1, 367	1, 250	1, 250	26	1, 000	1, 294	24									
Poland <sup>7</sup> .....	374						145	581	551	500	492	5 3, 057	1, 213	1, 000	1, 294									
Romania <sup>7</sup> .....	116						77	914	503	361	391	1, 060	1, 500	970	301									
Russia.....	122						119	575	287	505	463	5 701	319	714	551									
Spain.....	49						55	1, 301	1, 138	1, 255	667	728	703	507										
Sweden.....	20						170	1, 080	1, 798	1, 344	1, 364	5 336	2, 374	2, 150	2, 659									
United Kingdom.....	12							1, 108																
Yugoslavia <sup>7</sup> .....																								
Total <sup>9</sup> .....	1, 189						1, 021	1, 120	806	822	976	13, 312	11, 838	10, 322	9, 970									
Asia:																								
Turkey.....	7						4	514	400	450	475	36	8	18	19									
China <sup>10</sup> .....	8, 867						8, 697	5 793	761	754	779	5 70, 333	66, 941	68, 280	67, 759									
Japan.....	101						13	889	1, 056	915	943	898	95	119	132									
Korea <sup>11</sup> .....	17						4	1, 024	367	850	925	174	22	17	37									
Total.....	8, 992						8, 719	794	761	754	779	71, 441	67, 066	68, 434	67, 947									
South America: <sup>12</sup>																								
Argentina.....	5						44	400	809	806	859	20	267	266	378									
Chile.....	65						50	698	694	675	828	454	250	297	414									
Total.....	70						94	677	749	731	843	474	517	563	792									
Africa:																								
Algeria.....	18						23	544	100	309	143	98	31	71	33									
French Morocco.....	79						146	533	177	702	566	421	211	1, 011	827									
Spanish Morocco.....	3						4	500	375	675	625	13	15	27	25									
Total.....	100						173	534	167	649	512	534	257	1, 109	865									
Oceania:																								
Australia <sup>14</sup> .....	29						13	776	746	1, 169	1, 154	225	179	152	150									
New Zealand.....	18						46	1, 578	1, 485	1, 449	1, 343	284	490	739	618									
Total.....	47						59	1, 083	1, 174	1, 392	1, 302	509	669	891	768									
Total of specified countries.....	10, 706						10, 714	837	779	704	821	89, 646	87, 080	89, 564	87, 948									

For footnotes see bottom of pages 324 and 325.

TABLE 402.—*Peas, dry, field: Production, by classes, in 100-pound bags, United States, 1942-47*<sup>1</sup>

Class	1942	1943	1944	1945	1946	1947 <sup>2</sup>
	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags
Alaska, etc. <sup>3</sup> -----	4,722	7,726	6,458	3,739	4,505	4,144
Canada, etc. <sup>4</sup> -----	704	1,210	1,186	800	790	889
Other-----	1,976	1,967	1,250	1,376	1,463	1,480
Total-----	7,402	10,903	8,894	5,915	6,758	6,513

<sup>1</sup> Production on an uncleaned basis; cowpeas and Austrian winter peas are not included.<sup>2</sup> Preliminary.<sup>3</sup> Alaska and other smooth green kinds.<sup>4</sup> White Canada, First and Best, and other yellow or white smooth seeded kinds.

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TABLE 403.—*Broomcorn: Acreage, yield, production, season average price per ton received by farmers, and value, United States, 1929-47*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
1929-----	512	305.5	47,600	-----	-----	1939-----	229	265.0	50,280	-----	-----
1929-----	310	304.5	47,300	114.52	5,417	1939-----	228	263.0	30,000	107.00	3,204
1930-----	392	260.8	51,100	66.26	3,386	1940-----	298	295.0	43,900	66.00	2,897
1931-----	314	313.7	49,300	44.81	2,209	1941-----	250	370.0	46,300	119.00	5,498
1932-----	313	261.8	40,900	37.04	1,515	1942-----	250	339.0	39,000	174.00	6,776
1933-----	277	216.5	30,000	102.00	3,060	1943-----	244	298.0	36,200	267.00	9,653
1934-----	305	188.9	28,700	164.43	4,719	1944-----	382	362.0	69,200	215.00	14,862
1935-----	501	247.1	61,800	73.75	4,558	1945-----	279	280.0	39,200	259.00	10,167
1936-----	309	231.4	35,800	116.03	4,154	1946-----	300	291.0	43,500	292.00	12,686
1937-----	282	298.2	42,100	70.14	2,953	1947 <sup>1</sup> -----	226	290.0	32,800	301.00	9,859
1938-----	267	280.3	37,500	62.13	2,330						

<sup>1</sup> Preliminary.Bureau of Agricultural Economics. *Italic figures are census returns. Data for 1919-28 in Agricultural Statistics, 1942, table 476.*TABLE 404.—*Broomcorn: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947
Illinois-----	27	11	8	532	620	490	7,070	3,400	2,000	186	407	365
Kansas-----	20	13	8	250	260	280	2,430	1,700	1,100	135	280	303
Oklahoma-----	79	102	75	307	295	300	12,000	15,000	11,200	156	305	310
Texas-----	30	35	34	299	360	350	4,460	6,300	6,000	135	264	313
Colorado-----	67	108	69	244	250	270	9,140	13,500	9,300	131	270	280
New Mexico-----	54	31	32	245	235	200	6,810	3,600	3,200	124	262	263
United States-----	277	300	226	302	291	290	41,920	43,500	32,800	146	292	301

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

## Footnotes for Table 401.

<sup>1</sup> Data include all dry edible and seed peas but do not include cowpeas nor Austrian winter peas. Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1947 is combined with the Southern Hemisphere harvest which began late in 1947 and ended early in 1948.<sup>2</sup> Preliminary.<sup>3</sup> Bags of 100 pounds.<sup>4</sup> Data for 1945 to date include some for canning and feed in Ontario Province and some for canning and garden pea seed in Alberta Province.<sup>5</sup> Austria, Czechoslovakia, Germany, Hungary, and Poland 4 years (1935-38); Spain 2 years (1935 and 1939); United Kingdom 1 year (1939); China 7 years (1931-37).<sup>6</sup> Estimates for 1945 to date include Southern Dobrudja and, therefore, are not strictly comparable with earlier years shown.

TABLE 405.—Cowpeas: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-47

Year	Acreage grown alone for all purposes	Total planted acreage <sup>1</sup>	Acreage grazed, plowed under, etc. <sup>2</sup>	Cowpeas for peas <sup>3</sup>				
				Acreage harvested	Yield per acre	Production	Price	Farm value
				1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1929	776					5,274		
1929	1,214	1,814	275	586	5.9	3,455	2.63	9,078
1930	1,357	2,050	285	674	5.5	3,681	1.95	7,160
1931	2,095	3,094	384	1,139	6.5	7,385	.83	6,131
1932	3,023	4,309	668	1,190	5.4	6,430		4,884
1933	2,487	3,603	526	1,086	5.8	6,332	1.33	8,442
1934	2,711					6,162		
1934	2,713	3,977	466	1,190	5.2	6,144	1.46	8,983
1935	2,342	3,543	511	1,057	5.6	5,933	1.51	8,963
1936	3,373	5,291	1,919	1,366	5.2	7,109	1.73	12,329
1937	3,648	5,836	2,125	1,472	5.3	7,814	1.43	11,161
1938	3,296	5,388	2,087	1,386	5.0	6,948	1.41	9,800
1939	2,909					5,959		
1939	3,168	5,318	2,074	1,381	4.6	6,332	1.40	8,856
1940	3,357	5,334	1,926	1,432	5.0	7,186	1.46	10,482
1941	3,770	5,388	2,018	1,483	5.4	8,074	1.88	15,191
1942	3,382	4,789	1,788	1,241	5.5	6,870	2.33	16,018
1943	2,223	3,376	1,309	852	5.2	4,393	3.37	14,793
1944	1,415					5,603		
1944	1,560	2,348	843	712	5.4	3,874	3.76	14,583
1945	1,477	2,179	816	648	5.8	3,790	3.97	15,040
1946	1,215	1,791	720	566	5.8	3,263	4.47	14,472
1947 <sup>3</sup>	1,143	1,653	617	587	5.9	3,458	4.92	17,004

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres.<sup>2</sup> For data on cowpea hay, see table 369.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1924-28 in Agricultural Statistics, 1942, table 467.

TABLE 406.—Cowpeas: Production and farm disposition, United States, 1938-47

Crop of—	Production	Used for seed		Fed to livestock	For farm household use	Sold
		Total <sup>1</sup>	On farms where grown			
		1,000 bushels	1,000 bushels			
1938	6,948	4,812	3,164	1,414	596	1,774
1939	6,332	5,033	2,971	1,131	471	1,759
1940	7,186	5,142	3,303	1,413	459	2,011
1941	8,074	4,796	3,433	1,671	545	2,425
1942	6,870	3,451	2,703	1,527	521	2,119
1943	4,393	2,373	1,772	1,049	407	1,165
1944	3,874	1,803	1,296	776	328	1,474
1945	3,790	1,493	1,109	761	330	1,590
1946	3,263	1,350	993	637	318	1,315
1947 <sup>2</sup>	3,458	1,220	885	722	321	1,530

<sup>1</sup> Excludes seed used in minor States where production is not estimated.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

Footnotes for Table 401—Continued.

<sup>3</sup> All data for 1946 and 1947 are for present boundaries, therefore, are not strictly comparable with earlier years shown.<sup>4</sup> Estimates proportioned from total for all dry legumes.<sup>5</sup> Includes estimates for countries for which data are not shown for individual years.<sup>6</sup> Estimates for 22 provinces.<sup>7</sup> Includes data for North and South Korea.<sup>8</sup> Not separately classified prior to 1940; estimates for earlier years were based on the quantity exported.<sup>9</sup> Compiled from data for the States of South Australia, Tasmania, and Victoria where practically all of the crop is produced.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Estimates for countries having changed boundaries have been adjusted to prewar boundaries except as noted.

TABLE 407.—Cowpeas: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Total planted acreage <sup>1</sup>				Acreage grazed, plowed under, etc. <sup>3</sup>				Cowpeas for peas <sup>2</sup>								
	1946		1947 <sup>2</sup>		1946		1947 <sup>2</sup>		Yield per acre		Production		Price for crop of—				
	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>	Aver- age 1936-45	1946	1947 <sup>2</sup>		
New Jersey	1,000 acres 2	1,000 acres 2	1,000 acres 1	1,000 acres 4	1,000 acres 5	1,000 acres 5	1,000 acres 8	1,000 acres 2	1,000 acres 3	Bushels 6.0	Bushels 7.0	Bushels 7.0	1,000 bushels 45	1,000 bushels 14	1,000 bushels 21	Dollars 3.06	Dollars 3.60
Indiana	21	4	5	16	5	5	66	30	30	5.8	6.0	7.0	383	180	135	1.82	3.80
Illinois	162	57	28	13	11	11	10	3	3	6.6	7.0	7.0	69	21	21	1.97	3.40
Missouri	68	28	28	11	14	21	2	3	5	7.2	5.0	5.0	12	15	25	1.90	3.70
Kansas	19	25	38	11	1	2	2	3	5	7.2	5.0	5.0	12	15	25	1.90	3.70
Maryland	8	3	3	2	1	2	2	3	5	7.2	5.0	5.0	12	15	25	1.90	3.70
Virginia	67	22	18	17	9	7	13	5	5	6.1	8.0	7.0	77	40	35	2.36	5.00
West Virginia	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
North Carolina	321	120	98	126	60	47	70	28	22	4.7	5.5	5.0	334	154	110	2.54	5.30
South Carolina	783	412	352	192	128	102	199	111	93	4.1	4.5	4.5	813	500	418	2.78	6.20
Georgia	602	264	247	146	126	111	201	80	95	4.6	4.5	5.0	926	360	475	2.61	5.50
Florida	42	38	38	24	26	26	5	4	4	8.4	10.0	9.0	42	40	36	2.74	6.80
Tennessee	42	15	14	6	3	2	5	4	4	5.4	6.0	7.0	30	24	28	2.05	4.00
Kentucky	138	33	37	23	6	7	29	9	8	5.4	6.5	6.5	158	58	52	2.16	4.70
Alabama	335	126	108	77	29	20	135	56	60	5.4	6.0	6.0	729	336	360	2.14	4.50
Mississippi	400	133	120	155	119	56	65	65	65	5.7	6.0	6.5	677	336	422	2.32	5.00
Arkansas	450	121	120	218	44	55	82	43	20	5.3	5.0	5.0	435	236	150	2.13	4.50
Louisiana	210	73	72	114	36	34	54	25	26	4.3	5.0	5.0	221	125	130	2.25	4.50
Oklahoma	152	60	61	88	33	33	20	16	16	5.6	6.0	6.0	115	96	96	2.34	4.70
Texas	700	254	288	459	145	102	177	91	118	6.7	8.0	8.0	1,166	728	944	2.00	4.50
United States	4,525	1,791	1,633	1,690	720	617	1,197	566	587	5.2	5.8	5.9	6,239	3,263	3,458	2.27	4.47

<sup>1</sup> Acres grown alone, plus one-half the interplanted acres.<sup>2</sup> Preliminary.<sup>3</sup> For data on cowpea hay, see table 369.  
Bureau of Agricultural Economics.

TABLE 408.—*Cowpeas: Production and farm disposition, by States, crops of 1946 and 1947*

State	Crop of 1946						Crop of 1947 <sup>2</sup>					
	Pro- duction	Used for seed		Fed to live- stock	For farm house- hold use	Sold	Pro- duction	Used for seed		Fed to live- stock	For farm house- hold use	Sold
		Tot- al <sup>1</sup>	On farms where grown					Tot- al <sup>1</sup>	On farms where grown			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Indiana.....	14	7	5	2	2	7	21	7	5	2	1	14
Illinois.....	180	66	54	4	4	122	135	55	47	4	4	84
Missouri.....	21	25	13	1	1	8	22	12	1	1	1	7
Kansas.....	15	27	5	1	1	8	25	27	5	1	1	15
Virginia.....	40	22	11	5	2	22	35	22	11	4	2	15
North Carolina.....	154	88	62	10	20	62	110	88	62	8	14	26
South Carolina.....	500	317	238	25	22	215	418	263	197	21	17	183
Georgia.....	360	222	173	22	25	140	475	191	143	28	28	276
Florida.....	40	34	12	6	11	11	36	34	12	5	9	10
Kentucky.....	24	17	8	2	1	13	28	13	6	2	1	19
Tennessee.....	58	37	24	3	7	24	52	30	18	3	5	26
Alabama.....	336	97	87	60	65	124	360	90	76	65	61	153
Mississippi.....	336	108	86	40	65	145	422	114	91	63	72	196
Arkansas.....	236	84	67	60	21	88	150	75	60	30	20	40
Louisiana.....	125	50	38	40	18	29	130	50	38	39	20	33
Oklahoma.....	96	30	21	21	4	50	96	32	22	21	4	49
Texas.....	728	119	89	335	55	249	944	107	80	425	66	373
United States..	3, 263	1, 350	993	637	318	1, 315	3, 458	1, 220	885	722	321	1, 530

<sup>1</sup> Excludes 5,000 bushels in 1946 and in 1947, used in minor States where production is not estimated.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 409.—*Hemp fiber and hempseed: Acreage, yield, and production, United States, 1931-47*

Year	Hemp fiber <sup>1</sup>			Hempseed <sup>2</sup>			Year	Hemp fiber <sup>1</sup>			Hempseed <sup>2</sup>		
	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
1931.....	320	850	272	-----	-----	-----	1940.....	2,070	804	1,665	510	725	370
1932.....	200	800	160	-----	-----	-----	1941.....	7,400	1,001	7,410	2,200	310	682
1933.....	140	750	105	-----	-----	-----	1942.....	14,500	960	13,922	29,300	364	10,660
1934.....	500	850	425	-----	-----	-----	1943.....	146,200	962	140,680	40,500	346	14,015
1935.....	700	875	612	-----	-----	-----	1944.....	53,400	967	51,632	1,200	440	528
1936.....	1,400	725	1,015	-----	-----	-----	1945.....	6,900	980	6,762	800	350	280
1937.....	1,300	800	1,040	-----	-----	-----	1946.....	4,600	975	4,485	400	530	212
1938.....	1,390	896	1,246	40	540	22	1947 <sup>2</sup> .....	4,900	950	4,655	600	485	291
1939.....	1,440	890	1,282	210	330	69							

<sup>1</sup> Wisconsin only, 1931-37 and 1945-47; Kentucky also, 1938-44; Illinois and Minnesota, 1942-44; Iowa, 1943 and 1944; Indiana, 1943.

<sup>2</sup> Kentucky only, except Tennessee also in 1942 and 1943.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 410.—Hops: Acreage, production, value, Sept. 1 stocks, foreign trade, and consumption, United States, 1929-47

Year	Acreage picked	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers <sup>2</sup>	Farm value	Stocks, Sept. 1	Foreign trade, year beginning September			Consumption by breweries, year beginning Sept. <sup>5</sup>
							Imports <sup>3</sup>	Domestic exports <sup>3</sup>	Net exports <sup>4</sup>	
	Acres	Pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929	24,400	1,360	33,195	11.4	3,785	5,700	<sup>6</sup> 944	6,725	5,817	2,627
1930	19,500	1,202	23,447	14.8	3,462	6,512	1,039	5,552	4,526	2,197
1931	21,400	1,234	26,410	13.8	3,642	2,328	1,294	3,801	2,507	1,841
1932	22,000	1,094	24,058	17.5	4,199	2,536	4,962	2,444	<sup>7</sup> 2,518	7,767
1933	30,300	1,330	40,285	30.4	12,243	1,789	<sup>8</sup> 5,761	7,700	1,939	28,836
1934	37,100	1,184	43,934	14.5	6,357	8,658	5,257	6,772	1,515	31,658
1935	39,100	1,188	46,433	9.8	4,010	16,061	<sup>9</sup> 6,535	6,184	<sup>7</sup> 851	34,516
1936	31,000	816	25,281	27.6	6,976	15,825	11,026	2,719	<sup>7</sup> 8,307	36,608
1937	34,300	1,281	43,955	16.2	6,419	<sup>10</sup> 29,294	9,189	5,784	<sup>7</sup> 3,405	33,793
1938	31,500	1,120	35,288	19.7	6,346	<sup>10</sup> 25,173	8,053	4,183	<sup>7</sup> 3,570	32,485
1939	31,000	1,208	37,462	24.5	8,490	<sup>10</sup> 27,069	6,814	7,991	1,177	31,670
1940	32,800	1,366	42,846	26.8	11,490	<sup>10</sup> 22,124	3,736	10,030	6,294	31,831
1941	34,800	1,160	40,380	31.9	12,883	<sup>10</sup> 23,193	154	9,459	9,305	34,806
1942	34,600	1,016	35,153	45.2	15,894	<sup>10</sup> 18,893	111	8,673	8,562	34,024
1943	32,200	1,318	42,448	62.2	20,423	<sup>10</sup> 10,735	73	6,338	6,265	36,983
1944	37,000	1,293	47,840	65.3	31,235	<sup>10</sup> 10,211	13	8,686	8,673	37,240
1945	40,700	1,395	56,772	64.9	36,841	<sup>10</sup> 10,389	3,859	14,200	10,431	36,834
1946	40,700	1,306	53,171	62.7	33,361	<sup>10</sup> 16,266	4,126	12,261	8,134	42,239
1947 <sup>11</sup>	39,700	1,262	50,098	67.9	33,998	<sup>10</sup> 23,770				

<sup>1</sup> Includes the following quantities not marketed because of economic conditions and the marketing agreement allotments (1,000 pounds): 1935, 5,436; 1937, 4,365; 1938, 3,140; 1939, 2,813. Price and value apply only to the part of the crop which was sold.

<sup>2</sup> Prior to 1932 prices are as of Dec. 1.

<sup>3</sup> Compiled from Monthly Summary of Foreign Commerce of the United States, and official records of the Department of Commerce.

<sup>4</sup> Total exports (domestic plus foreign) minus total imports; beginning 1933 domestic exports minus imports for consumption.

<sup>5</sup> 1929 to 1931 represent hops used to make cereal beverages containing less than 0.5 percent of alcohol by volume; 1932 includes 867,057 pounds of hops used to make cereal beverages containing less than 0.5 percent of alcohol by volume and 6,900,263 pounds fermented malt liquor containing not more than 3.2 percent of alcohol by weight; 1933 to date, used for fermented liquor. Annual reports of the Commissioner of Prohibition, 1929; Commissioner of Industrial Alcohol, 1930 to 1932, and records of the Bureau of Internal Revenue, 1933 to date.

<sup>6</sup> Includes hop extract and lupulin 1930-35. <sup>7</sup> Net imports. <sup>8</sup> Beginning 1933 imports for consumption.

<sup>9</sup> Hops, only, beginning January 1936.

<sup>10</sup> Prior to 1937, the Sept. 1 stocks included only those in growers' hands; from 1937 to date, stocks in dealers' hands and in brewers' hands are also included and these have greatly exceeded the growers' stocks. On Sept. 1, 1943-45, no stocks were reported in hands of growers.

<sup>11</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1910-28 in Agricultural Statistics, 1942, table 479.

TABLE 411.—Hops: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1936-45, annual 1946 and 1947

State	Acreage picked			Yield per acre			Production <sup>2</sup>			Price for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	Acres	Acres	Acres	Lb.	Lb.	Lb.	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents
Washington	6,960	11,600	11,700	1,823	1,700	1,740	12,685	19,720	20,358	40	64	71
Oregon	19,640	20,000	19,000	874	940	850	17,180	18,500	16,150	38	62	68
California	7,390	9,100	9,000	1,462	1,610	1,510	10,878	14,651	13,590	37	62	63
United States	33,990	40,700	39,700	1,191	1,306	1,262	40,742	53,171	50,098	38.4	62.7	67.9

<sup>1</sup> Preliminary.

<sup>2</sup> For some States in certain years, production includes some quantities not marketed because of economic conditions and the marketing agreement allotments.

Bureau of Agricultural Economics.



TABLE 412.—Peppermint and spearmint for oil: Acreage, yield, production, season average price per pound of oil received by farmers, and value, 6 States, 1929-47

Year	Acreage harvested	Yield of oil per acre	Production of oil	Price per pound	Farm value	Year	Acreage harvested	Yield of oil per acre	Production of oil	Price per pound	Farm value
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	55,530	17.4	968	3.17	3,064	1939	35,490	28.4	1,009	1.95	1,987
1930	56,220	17.6	992	1.90	1,889	1940	37,500	30.5	1,142	2.15	2,455
1931	44,320	14.2	628	1.20	756	1941	39,240	30.5	1,197	3.20	3,829
1932	31,540	14.0	440	1.42	625	1942	50,160	35.6	1,784	4.46	7,960
1933	33,220	19.3	642	1.78	1,142	1943	44,740	23.8	1,065	5.42	5,769
1934	33,390	27.6	920	2.40	2,210	1944	48,880	28.9	1,412	6.34	8,947
1935	43,760	31.3	1,368	1.70	2,331	1945	55,290	30.8	1,705	5.46	9,307
1936	41,390	25.8	1,067	1.96	2,091	1946	55,800	29.4	1,641	6.22	10,208
1937	37,280	27.1	1,012	2.00	2,025	1947 <sup>1</sup>	61,700	33.8	2,084	6.62	13,806
1938	34,840	30.5	1,064	2.01	2,141						

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 413.—Peppermint and spearmint for oil, commercial crop: Acreage, production, and season average price per pound of oil received by farmers, by States, average 1936-45, annual 1946 and 1947

PEPPERMINT AND SPEARMINT COMBINED

State	Acreage			Production of oil			Price per pound for crop of—		
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Indiana	16,340	25,500	28,300	438	675	897	3.36	6.18	6.50
Michigan	19,410	16,500	18,000	527	348	428	3.53	6.19	6.35
Ohio	280			8			3.71		
California	770	600		30	16		3.55	5.75	
Oregon	3,620	9,000	11,000	152	396	550	3.76	6.45	7.00
Washington	2,060	4,200	4,400	91	206	209	3.37	6.00	6.76
Total, 6 States	42,480	55,800	61,700	1,246	1,641	2,084	3.50	6.22	6.62

PEPPERMINT

Indiana	12,520	18,000	18,500	319	450	574	3.76	6.45	7.00
Michigan	17,390	14,000	13,500	462	266	270	3.76	6.40	6.85
Ohio	280	( <sup>2</sup> )	( <sup>2</sup> )	8			3.71		
California	610	600		23	16		3.74	5.75	
Oregon	3,620	9,000	11,000	152	396	550	3.76	6.45	7.00
Washington	2,060	4,200	4,400	91	206	209	3.37	6.00	6.76
Total, 6 States	36,480	45,800	47,400	1,056	1,334	1,603	3.73	6.36	6.94

SPEARMINT

Indiana	3,820	7,500	9,800	118	225	323	2.36	5.65	5.60
Michigan	2,020	2,500	4,500	64	82	158	2.37	5.50	5.50
California	160			7			2.20		
Total, 3 States	6,000	10,000	14,300	189	307	481	2.38	5.61	5.57

<sup>1</sup> Preliminary.

<sup>2</sup> Not available for publication; less than three growers.

Bureau of Agricultural Economics.

TABLE 414.—Popcorn: Acreage, yield, production, season average price per 100 pounds received by farmers, and value, United States, 1929-47<sup>1</sup>

Year	Acreage harvested			Yield per acre <sup>2</sup>			Production <sup>3</sup>			Price per 100 pounds of ear corn		Farm value
	Acres			Pounds			1,000 pounds			Dollars		1,000 dollars
1929.....	40,800			1,315			53,633			2.74		1,467
1930.....	56,200			1,189			66,832			2.63		1,755
1931.....	34,400			1,084			37,292			1.94		723
1932.....	34,600			1,234			42,706			1.24		528
1933.....	13,100			1,178			15,435			1.19		183
1934.....	13,400			391			5,246			4.98		261
1935.....	83,600			949			79,312			2.29		1,817
1936.....	57,890			976			56,508			2.76		1,559
1937.....	86,100			1,205			103,782			1.69		1,754
1938.....	61,850			1,526			94,370			1.58		1,488
1939.....	64,500			1,555			100,294			1.41		1,412
1940.....	56,500			1,384			78,195			1.57		1,226
1941.....	96,500			1,299			125,340			1.91		2,590
1942.....	100,200			1,637			164,018			2.68		4,390
1943.....	89,700			1,410			126,485			4.32		5,466
1944.....	174,800			1,343			234,747			3.77		8,854
1945.....	311,900			1,372			427,780			3.69		15,779
1946.....	154,600			1,637			253,092			3.51		8,884
1947 <sup>2</sup> .....	80,700			1,194			96,395			4.79		4,615

<sup>1</sup> In principal commercial producing States, totaling 12 in recent years. Information prior to 1935 available for Iowa, Nebraska, and Kansas only.

<sup>2</sup> Of ear corn; a bushel is 70 pounds.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 415.—Popcorn: Acreage, yield, production, and season average price per 100 pounds received by farmers, by States, average 1936-45, annual 1946 and 1947<sup>1</sup>

State	Acreage harvested			Yield per acre <sup>2</sup>			Production <sup>3</sup>			Price for crop of—		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	Acres	Acres	Acres	Lb.	Lb.	Lb.	1,000 pounds	1,000 pounds	1,000 pounds	Dollars per 100 pounds	Dollars per 100 pounds	Dollars per 100 pounds
Ohio.....	10,910	14,100	3,900	1,642	1,950	1,600	18,614	27,495	6,240	2.63	3.30	4.25
Indiana.....	11,930	18,800	9,400	1,697	1,900	1,500	20,635	35,720	14,100	2.64	3.75	5.25
Illinois.....	12,030	15,800	12,600	1,492	1,800	1,400	18,142	28,440	17,640	2.86	3.60	5.00
Michigan.....	2,940	2,000	500	1,236	1,400	1,000	3,616	2,800	500	3.00	3.20	4.00
Iowa.....	35,370	41,000	20,000	1,353	1,820	900	48,774	74,620	18,000	2.42	3.55	5.00
Missouri.....	47,300	15,000	10,000	1,391	1,600	1,100	10,759	24,000	11,000	4.28	3.60	4.50
Nebraska.....	6,150	13,000	4,000	992	1,500	1,200	7,498	19,500	4,800	3.00	3.40	4.35
Kansas.....	3,514	5,200	2,800	968	1,200	950	3,823	6,240	2,660	2.98	3.50	4.30
Kentucky.....	4,130	10,100	6,500	1,000	1,470	1,470	4,724	14,847	9,555	2.92	3.15	5.75
Oklahoma.....	13,600	13,000	5,000	1,160	910	1,000	11,960	11,830	5,000	4.29	3.15	3.10
Texas.....	7,565	5,000	4,000	1,044	1,200	1,300	7,903	6,000	5,200	2.16	3.10	3.25
California.....	2,085	1,600	2,000	845	1,000	850	1,759	1,600	1,700	5.28	6.40	6.90
United States.....	109,994	154,600	80,700	1,371	1,637	1,194	151,152	253,092	96,395	2.54	3.51	4.79

<sup>1</sup> In principal commercial producing States.

<sup>2</sup> Preliminary.

<sup>3</sup> Of ear corn; a bushel is 70 pounds.

<sup>4</sup> Short-time average.

<sup>5</sup> Equivalent price per 100 lb. of ear corn. Bulk of crop is sold by growers after shelling and cleaning.

Bureau of Agricultural Economics.

TABLE 416.—*Velvetbeans: Acreage, yield, production, Dec. 1 price per ton received by farmers, and value, United States, 1929-47*<sup>1</sup>

Year	Total acreage			Yield per acre			Production			Price			Farm value
	1,000 acres			Pounds			1,000 tons			Dollars			1,000 dollars
1929.....	1,421			881.1			626			13.98			8,749
1930.....	1,372			800.3			549			13.80			7,576
1931.....	1,252			718.8			450			9.85			4,434
1932.....	1,687			832.2			702			4.79			3,362
1933.....	1,794			819.4			735			8.70			6,393
1934.....	2,075			796.1			826			12.66			10,461
1935.....	2,125			893.2			949			11.15			10,577
1936.....	2,170			803.7			872			13.35			11,637
1937.....	2,025			883.0			894			11.83			10,676
1938.....	2,199			813.1			894			12.28			10,982
1939.....	2,400			700.0			840			12.80			10,785
1940.....	2,454			796.0			977			13.20			12,862
1941.....	2,165			858.0			929			15.30			14,248
1942.....	1,884			796.0			750			18.40			13,784
1943.....	1,948			796.0			775			24.30			18,821
1944.....	1,446			842.0			609			28.10			17,143
1945.....	1,256			836.0			525			29.30			15,376
1946.....	1,075			806.0			433			34.20			14,827
1947 <sup>2</sup> .....	1,036			786.0			407			33.50			13,620

<sup>1</sup> Refers to the yield and entire production of velvetbeans in the hull, whether grazed or harvested otherwise.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 472.

TABLE 417.—*Velvetbeans: Acreage, yield, production, and Dec. 1 price per ton received by farmers, by States, average 1936-45, annual 1946 and 1947*<sup>1</sup>

State	Total acreage			Yield per acre			Production			Dec. 1 price		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947
	1,000 acres	1,000 acres	1,000 acres	Lb.	Lb.	Lb.	1,000 tons	1,000 tons	1,000 tons	Dol- lars	Dol- lars	Dol- lars
South Carolina.....	81	43	45	1,108	1,000	1,060	44	22	24	21.10	33.00	40.00
Georgia.....	1,131	666	639	837	860	850	471	286	272	17.20	34.00	32.00
Florida.....	198	175	175	548	500	500	54	44	44	15.70	32.00	32.00
Alabama.....	427	139	125	807	875	775	170	61	48	18.30	37.00	39.00
Mississippi.....	86	25	25	955	930	860	41	12	11	20.80	36.00	36.00
Louisiana.....	71	27	27	717	600	575	25	8	8	21.20	35.00	35.00
United States.....	1,995	1,075	1,036	812	806	786	806	433	407	17.90	34.20	33.50

<sup>1</sup> Refers to the yield and entire production of velvetbeans in the hull, whether grazed or harvested otherwise.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

## CHAPTER VI

# STATISTICS OF BEEF CATTLE, HOGS, SHEEP, HORSES, AND MULES

This chapter contains statistics of most kinds of farm livestock and livestock products, with the exception of dairy and poultry.

The term "on farms" as used in this chapter includes ranches.

Inventory numbers in years when the census relates to a different date than January 1 were adjusted to a January 1 equivalent number. This adjustment takes into account the disappearance of numbers that were on hand January 1, which occurred between that date and the date of the enumeration. (For differences between Department estimates and census figures, see Chapter VI, Agricultural Statistics, 1947.)

The four series of animal units—A, B, C, and D—heretofore presented in Agricultural Statistics, have been discontinued. They have been replaced by a series of index numbers of livestock and poultry on farms and ranches January 1, together with a companion series on animal units of livestock (including poultry) fed annually.

The new series of index numbers are designed to show relative changes by different combinations of livestock and poultry inventories, weighted according to their economic importance. There are four series of index numbers: Total livestock and poultry, meat animals, milk animals, and poultry (separately). The two series on animal units fed annually provide combinations of livestock and poultry that more nearly take into account all of the livestock and poultry fed on farms and ranches in a feeding year, rather than only the number included in the January 1 inventory. These new tabulations appear in tables 499 and 500.

Other newly added tables present information on prices of lamb carcasses; prices of pork and lard; total commercial slaughter of cattle, calves, hogs, sheep, and lambs by States; lard futures; and international-trade tables on wool and meats.

**TABLE 418.**—All cattle and cattle other than milk cows: Number and value on farms, Jan. 1, and calf crop, United States, 1930-48

Year	All cattle				Cattle other than milk cows <sup>1</sup>			Calf crop
	Number	Farm value		Number	Farm value			
		Per head	Total		Per head	Total		
	Thousands	Dollars	1,000 dollars	Thousands	Dollars	1,000 dollars	Thousands	
1930 <sup>2</sup>	54,250							
1930	61,003	56.36	3,438,056	37,971	40.38	1,533,262	25,087	
1931	63,030	38.99	2,457,499	39,210	28.03	1,098,970	26,056	
1932	65,801	26.39	1,736,706	40,905	18.41	753,035	27,568	
1933	70,280	19.74	1,387,195	44,344	14.21	630,349	28,935	
1934	74,369	17.78	1,321,980	47,438	12.54	594,941	30,240	
1935 <sup>3</sup>	63,284							
1935	68,846	20.20	1,390,978	42,764	14.12	604,007	27,473	
1936	67,847	34.06	2,310,539	42,651	25.04	1,067,786	28,201	
1937	66,098	34.06	2,251,405	41,449	24.32	1,007,857	28,033	
1938	65,249	36.58	2,386,979	40,783	26.92	1,053,149	27,787	
1939	66,029	38.44	2,538,408	41,429	28.18	1,167,434	28,879	
1940 <sup>3</sup>	60,676							
1940	68,309	40.60	2,770,296	43,369	30.90	1,342,057	29,886	
1941	71,755	43.20	3,102,539	46,302	33.50	1,552,201	31,868	
1942	76,025	55.00	4,179,753	49,712	42.90	2,130,404	34,388	
1943	81,204	69.30	5,625,253	54,066	54.10	2,924,159	34,797	
1944	85,334	68.40	5,836,605	57,630	52.20	3,006,801	37,040	
1945 <sup>3</sup>	82,654							
1945	85,573	66.90	5,721,771	57,803	51.20	2,961,066	35,176	
1946	82,434	76.20	6,279,500	55,739	58.90	3,285,063	34,550	
1947	81,207	97.40	7,907,198	55,109	74.80	4,120,118	35,319	
1948 <sup>4</sup>	78,564	116.00	9,150,013	53,399	94.10	5,023,852		

<sup>1</sup> Obtained by subtracting the estimates of milk cows and heifers 2 years old and over on farms, shown in table 421, from the estimates of all cattle on farms, shown in this table.

<sup>2</sup> Calves born during year.

<sup>3</sup> Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; and Jan. 1, 1945. 1930 and 1940 exclude spring-born calves.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 484.

TABLE 419.—All cattle and calves, including cows and heifers kept for milk: Number on farms, farm value per head, and total value, by States, Jan. 1, average 1937-46, annual 1947 and 1948

State and division	Number			Farm value					
	Average 1937-46	1947	1948 <sup>1</sup>	Value per head			Total value		
				Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
Maine.....	228	225	225	60.20	105.00	114.00	13,711	23,625	25,650
New Hampshire.....	124	123	123	74.90	128.00	138.00	9,323	15,744	16,974
Vermont.....	444	442	433	73.90	130.00	144.00	32,960	57,460	62,352
Massachusetts.....	196	190	186	99.00	176.00	184.00	19,481	33,440	34,224
Rhode Island.....	29	28	28	109.00	189.00	199.00	3,172	5,292	5,572
Connecticut.....	178	174	176	104.00	174.00	184.00	18,664	30,276	32,384
New York.....	2,104	2,118	2,139	88.30	167.00	177.00	187,035	353,706	378,603
New Jersey.....	206	216	220	129.00	218.00	232.00	26,841	47,088	51,040
Pennsylvania.....	1,554	1,721	1,721	79.10	147.00	156.00	124,896	252,987	268,476
North Atlantic.....	5,065	5,237	5,251	85.30	157.00	167.00	436,084	819,618	875,275
Ohio.....	2,097	2,150	2,150	59.80	118.00	126.00	127,201	253,700	270,900
Indiana.....	1,746	1,854	1,798	59.50	113.00	127.00	105,933	209,502	228,346
Illinois.....	3,003	3,303	3,138	61.60	114.00	132.00	188,934	376,542	414,216
Michigan.....	1,821	1,917	1,840	64.10	121.00	139.00	119,144	231,957	255,760
Wisconsin.....	3,661	3,922	3,844	78.20	148.00	162.00	292,733	580,456	622,728
East North Central.....	12,328	13,146	12,770	66.30	126.00	140.00	833,944	1,652,157	1,791,950
Minnesota.....	3,559	3,527	3,280	58.40	112.00	135.00	211,022	395,024	442,800
Iowa.....	5,048	5,189	4,722	56.30	105.00	127.00	290,850	544,845	599,694
Missouri.....	2,893	3,051	2,959	50.00	95.40	110.00	150,020	291,065	325,490
North Dakota.....	1,524	1,656	1,590	51.60	97.80	126.00	82,992	161,957	200,340
South Dakota.....	1,967	2,527	2,557	52.10	97.80	120.00	108,659	250,075	306,840
Nebraska.....	3,375	3,922	3,882	50.90	91.40	120.00	178,824	358,471	465,840
Kansas.....	3,363	3,537	3,396	48.10	89.20	114.00	170,150	315,500	387,144
West North Central.....	21,728	23,439	22,386	53.00	98.80	122.00	1,192,517	2,316,937	2,728,148
North Central.....	34,056	36,585	35,156	57.80	108.00	129.00	2,026,461	3,969,094	4,520,098
Delaware.....	56	61	61	73.20	128.00	137.00	4,166	7,808	8,357
Maryland.....	352	408	416	70.20	124.00	139.00	25,391	50,592	57,824
Virginia.....	956	1,055	1,066	52.40	97.90	108.00	51,456	103,284	115,128
West Virginia.....	581	572	555	47.90	94.60	102.00	28,008	54,111	56,610
North Carolina.....	654	677	677	44.10	81.70	85.90	29,639	55,311	58,154
South Carolina.....	359	380	376	39.80	71.30	85.40	14,619	27,094	28,350
Georgia.....	1,022	1,157	1,145	32.00	57.70	63.90	33,640	66,759	73,166
Florida.....	964	1,265	1,265	30.30	54.00	58.70	30,887	68,310	74,256
South Atlantic.....	4,944	5,575	5,561	42.80	77.70	84.80	217,806	433,269	471,845
Kentucky.....	1,326	1,502	1,592	45.90	88.60	101.00	62,812	133,077	160,792
Tennessee.....	1,295	1,452	1,408	41.40	79.40	90.30	55,274	115,289	127,142
Alabama.....	1,116	1,314	1,235	32.20	56.50	66.90	37,498	74,241	82,622
Mississippi.....	1,427	1,635	1,553	30.00	54.10	63.80	44,188	88,454	99,081
Arkansas.....	1,191	1,201	1,057	32.20	62.60	75.80	39,255	75,183	80,121
Louisiana.....	1,302	1,514	1,332	31.20	55.40	68.50	42,215	83,876	91,242
Oklahoma.....	2,667	2,724	2,479	39.10	71.60	94.50	108,250	195,048	234,266
Texas.....	7,999	8,935	8,578	38.50	69.60	88.80	317,402	621,876	761,726
South Central.....	18,324	20,277	19,234	37.30	68.40	85.10	706,895	1,387,034	1,636,992
Montana.....	1,410	1,829	1,811	56.10	97.80	130.00	85,782	178,876	235,430
Idaho.....	838	903	930	52.10	99.40	129.00	45,176	89,758	119,970
Wyoming.....	904	1,053	1,064	52.20	92.80	117.00	48,742	97,718	124,488
Colorado.....	1,614	1,731	1,766	50.10	90.20	118.00	83,579	156,136	208,388
New Mexico.....	1,303	1,179	1,179	43.90	76.30	103.00	57,507	93,958	121,437
Arizona.....	926	921	875	46.90	81.20	105.00	43,648	74,785	91,875
Utah.....	486	555	533	52.20	93.30	125.00	26,320	51,782	66,625
Nevada.....	420	510	495	52.20	89.90	126.00	22,668	45,849	62,370
Washington.....	866	886	868	56.60	107.00	130.00	49,117	94,802	112,840
Oregon.....	1,034	1,056	1,077	50.60	93.20	120.00	53,573	98,419	129,240
California.....	2,612	2,910	2,764	61.80	110.00	135.00	165,905	320,100	373,140
Western.....	12,412	13,533	13,362	53.30	95.90	123.00	682,017	1,298,183	1,645,803
United States.....	74,801	81,207	78,564	52.90	97.40	116.00	4,069,263	7,907,198	9,150,013

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 420.—Cattle: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
		Thous- ands	Thous- ands					
<b>North America:</b>								
Canada	Dec. 1 <sup>1</sup>	<sup>3</sup> 8, 250	8, 246	8, 834	9, 506	10, 258	9, 961	9, 016
Costa Rica		400	366	413	437	464		
El Salvador	July	520	680	673	779		650	686
Guatemala	do	409	520	729	657			
Honduras	do	611	524		702		849	
Mexico	June	<sup>4</sup> 10, 083	<sup>3</sup> 11, 716		<sup>5</sup> 12, 000			12, 900
Nicaragua		<sup>4</sup> 800	<sup>4</sup> 700		800			
United States	Jan. 1	68, 465	66, 706	81, 204	85, 334	85, 573	82, 434	81, 207
Cuba	Dec. 31 <sup>1</sup>	4, 340	5, 024	4, 897	4, 500	4, 236	<sup>6</sup> 4, 136	597
Dominican Republic		<sup>2</sup> 906	<sup>2</sup> 885					
Estimated total		95, 900	96, 600		116, 800	117, 900	114, 700	112, 800
<b>Europe:</b>								
Albania <sup>7</sup>		393	<sup>2</sup> 413				371	
Austria	Dec. 3 <sup>1</sup>	<sup>4</sup> 2, 349	<sup>2</sup> 2, 600	2, 505	2, 530	2, 536	2, 187	2, 206
Belgium	Jan. 1	<sup>1</sup> 1, 793	<sup>1</sup> 1, 724	1, 407	1, 392	1, 440	1, 559	1, 652
Bulgaria <sup>7 9</sup>	Dec. 31 <sup>1</sup>	<sup>10</sup> 1, 873	<sup>1</sup> 1, 822	2, 112	2, 050	1, 950	1, 900	2, 005
Czechoslovakia <sup>7 11</sup>	Jan. 1		<sup>3</sup> 4, 475	4, 383	4, 358	4, 239	4, 143	3, 941
Denmark	Dec. 31 <sup>1</sup>	2, 997	3, 108	2, 760	2, 933	3, 036	<sup>12</sup> 3, 094	<sup>12</sup> 3, 004
Eire	June	4, 059	4, 021	4, 136	4, 246	4, 211	4, 146	3, 950
Finland	Mar. 1	<sup>13</sup> 1, 792	<sup>13</sup> 1, 850	1, 721	1, 867	1, 694	1, 673	1, 560
France	Fall <sup>1</sup>	15, 616	15, 504	<sup>14</sup> 16, 282	<sup>14</sup> 14, 997	<sup>14</sup> 13, 960	<sup>14</sup> 14, 273	15, 100
Germany <sup>15</sup>	Dec. 1 <sup>1</sup>		<sup>3</sup> 16, 500	15, 215	15, 700		13, 693	14, 020
Greece <sup>7</sup>	Dec. 31 <sup>1</sup>	937	<sup>1</sup> 1, 041			520	570	600
Hungary <sup>7</sup>	Spring	1, 759	1, 905	2, 338	2, 167	<sup>16</sup> 1, 070	<sup>16</sup> 1, 104	1, 406
Italy	July	<sup>4</sup> 7, 090	<sup>8</sup> 7, 571			6, 550	6, 900	7, 700
Luxembourg	Dec. 1 <sup>1</sup>	<sup>3</sup> 101	<sup>2</sup> 108	121	129	105	111	117
Netherlands	May	<sup>2</sup> 2, 734	2, 693	2, 058	2, 190	2, 277	2, 410	2, 367
Norway	June	1, 323	1, 390	1, 250	1, 280	1, 270	1, 267	1, 225
Poland <sup>17</sup>	June 30		<sup>4</sup> 10, 106				6, 600	
Portugal	Dec. 31 <sup>1</sup>	<sup>16</sup> 905	<sup>16</sup> 905	1, 040	1, 020	1, 000	950	
Rumania <sup>7 18</sup>	do	<sup>19</sup> 3, 709	<sup>19</sup> 3, 709			3, 100	3, 227	
Spain	do	<sup>3</sup> 4, 011	<sup>4</sup> 3, 739	4, 152	4, 173	4, 100	3, 808	
Sweden	Summer	3, 025	2, 959	2, 790	2, 859	2, 843	2, 870	2, 790
Switzerland	April	1, 636	1, 663	1, 517	1, 497	1, 461	1, 472	1, 451
United Kingdom	June	8, 462	8, 798	9, 259	9, 501	9, 616	9, 629	9, 567
Yugoslavia <sup>7</sup>	Dec. 31 <sup>1</sup>	3, 911	4, 181					
Estimated total		<sup>20</sup> 107, 100	102, 400		94, 700	91, 800	91, 300	94, 000
U.S.S.R <sup>17</sup>	Jan. 1		<sup>4</sup> 59, 800				47, 000	46, 800
<b>Asia:</b>								
Iran	March	2, 167	<sup>8</sup> 2, 797				<sup>5</sup> 2, 500	2, 500
Iraq <sup>7 21</sup>	Spring	310	<sup>3</sup> 374	484	466			
Palestine	do	<sup>4</sup> 160	<sup>4</sup> 169	243				
Turkey <sup>7 21</sup>	Dec. 31 <sup>1</sup>	5, 584	7, 177	8, 278	7, 821	7, 950	8, 210	8, 091
Burma <sup>7</sup>	do	6, 226	6, 165	4, 843	4, 298			4, 500
Ceylon <sup>7</sup>	do	1, 617	1, 618	1, 710	1, 650	1, 550	1, 620	
China <sup>22</sup>	May	<sup>2</sup> 25, 000	24, 000		22, 500	22, 000	22, 500	22, 800
India <sup>7</sup>	Dec. 31 <sup>1</sup>	198, 474	205, 751		200, 000	200, 000		
Japan	do	1, 512	1, 803	2, 389	2, 419		2, 318	1, 990
Formosa <sup>7</sup>	do	384	354	312	325	310	300	
Korea	do	1, 649	<sup>3</sup> 1, 698	1, 780	1, 790		1, 030	1, 150
Netherlands Indies <sup>7</sup>	do	8, 084	7, 669					
Philippine Islands <sup>7</sup>	Jan. 1	3, 493	<sup>23</sup> 4, 268					2, 800
Siam <sup>7</sup>	Mar. 31	10, 447	11, 303	12, 787	11, 051			
Estimated total <sup>24</sup>		272, 400	283, 200		270, 200	265, 000	266, 700	268, 500
<b>South America:</b>								
Argentina	July	<sup>3</sup> 31, 540	<sup>3</sup> 33, 762		33, 500	34, 010	34, 000	34, 500
Bolivia	Dec. 31 <sup>1</sup>	<sup>4</sup> 2, 064	<sup>3</sup> 1, 921	2, 445				3, 039
Brazil	September	<sup>3</sup> 44, 003	<sup>3</sup> 40, 807	<sup>5</sup> 42, 500	42, 700	44, 613	46, 358	46, 000
Chile	June	<sup>3</sup> 2, 426	2, 489	2, 391	2, 311	2, 348	2, 397	2, 338
Colombia	Dec. 31 <sup>1</sup>	<sup>3</sup> 7, 730	<sup>3</sup> 8, 010	10, 934	11, 456	12, 334	13, 000	
Ecuador	do	<sup>3</sup> 1, 370	<sup>3</sup> 1, 300	1, 120	1, 200	1, 150		
Paraguay	Dec. 31 <sup>1</sup>	3, 383	<sup>3</sup> 3, 259	3, 500	3, 300	3, 300	3, 500	3, 400
Uruguay	May	<sup>4</sup> 7, 372	<sup>4</sup> 8, 297		<sup>1</sup> 6, 256		6, 834	7, 000
Estimated total		104, 900	105, 600		109, 900	113, 600	116, 900	117, 300

See footnotes at end of table.

TABLE 420.—Cattle: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47—Continued

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
<b>Africa:</b>								
Algeria.....	Mar. 1.....	879	837	893	896	850	<sup>1</sup> 843	-----
Anglo-Egyptian Sudan.....		1,790	<sup>3</sup> 2,700					3,195
Kenya.....	July.....	5,209	<sup>3</sup> 5,239			4,300		-----
Tanganyika.....	Dec. 31 <sup>1</sup>	5,182	5,000	5,888	5,944	5,745	6,007	-----
Egypt <sup>2</sup>	March.....	1,768	<sup>3</sup> 2,021	<sup>25</sup> 2,203	2,200	<sup>28</sup> 2,329		-----
French Morocco <sup>21</sup>	Dec. 31 <sup>1</sup>	1,994	1,973	2,675	2,749	2,679	2,102	-----
Madagascar <sup>21</sup>	do.....	6,380	5,172	5,934	5,957	5,913	5,941	5,806
Mozambique.....	do.....	516	548	527	556	574	585	-----
Northern Rhodesia.....	do.....	480	618	643	655	688	702	-----
Angola.....		<sup>3</sup> 1,750	<sup>3</sup> 990	1,031	1,080	1,120		-----
Southern Rhodesia.....	Dec. 31 <sup>1</sup>	2,616	2,340	2,680	2,743		2,913	2,905
Spanish Morocco <sup>21</sup>		<sup>3</sup> 283	259	311	324	290	223	250
Tunisia.....	Dec. 31 <sup>1</sup>	523	494	553	529	501	500	401
Union of South Africa.....	August.....	10,497	11,636	13,068	13,100	12,900	12,697	12,600
Estimated total.....		60,500	60,700	-----	67,200	67,100	66,900	66,100
<b>Oceania:</b>								
Australia.....	Mar. 31.....	<sup>1</sup> 12,685	<sup>1</sup> 13,285	14,005	14,184	14,133	13,878	13,427
New Zealand.....	Jan. 31.....	4,188	4,449	4,485	4,476	4,628	4,704	4,671
Estimated total.....		17,500	18,100	-----	19,100	19,200	19,000	18,500
Estimated world total.....		695,200	726,400	-----	718,400	717,900	722,500	723,900

<sup>1</sup> End of year estimates (October to December) included under following year for comparisons and totals. Thus for Canada the Dec. 1, 1942 estimate of 8,834,000 is shown under 1943.

<sup>2</sup> Preliminary

<sup>3</sup> Average for 2 to 4 years only.

<sup>4</sup> Census or estimate for single year.

<sup>5</sup> Unofficial estimate.

<sup>6</sup> Census, July 1, 1946.

<sup>7</sup> Data include buffaloes.

<sup>8</sup> March.

<sup>9</sup> Includes Southern Dobrudja, beginning 1943; years 1944-46 have been adjusted to make a comparable series.

<sup>10</sup> Census, Dec. 31, 1934.

<sup>11</sup> Present territory—excludes Sub-Carpathian Russia.

<sup>12</sup> Includes also number of cattle in parishes and boroughs, which totaled 53,000 head in 1946 and 50,000 head in 1947.

<sup>13</sup> September.

<sup>14</sup> Official statistics plus an allowance for Alsace-Lorraine.

<sup>15</sup> Totals for 4 zones of occupation.

<sup>16</sup> Official statistics; may be an underestimate of actual numbers.

<sup>17</sup> Present territory.

<sup>18</sup> Present territory, excludes Southern Dobrudja.

<sup>19</sup> Average for years 1930-39.

<sup>20</sup> Not strictly comparable with later years, due to territorial changes.

<sup>21</sup> Data include only number taxed.

<sup>22</sup> Includes China-Proprietary (22 provinces) Manchuria, Jehol, and Sinkiang (Turkestan).

<sup>23</sup> Census, Jan. 1, 1939.

<sup>24</sup> Includes estimates for Outer Mongolia.

<sup>25</sup> June.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, United States foreign service reports, and other information. Data relate to prewar boundaries, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

TABLE 421.—Cattle, by classes: Number on farms, United States, Jan. 1, 1930-48

Year	Kept for milk				Other cattle					
	Cows and heifers, 2 years old and over	Heifers, 1 to 2 years old	Heifer calves	Total	Cows and heifers, 2 years old and over	Heifers, 1 to 2 years old	Calves	Steers	Bulls	Total
1930	23,032	4,851	5,199	33,082	9,162	2,799	8,885	5,608	1,467	27,921
1931	23,820	4,962	5,189	33,971	9,809	3,015	8,915	5,798	1,522	29,059
1932	24,896	5,020	5,449	35,365	10,439	3,113	9,744	5,560	1,530	30,436
1933	25,936	5,250	5,674	36,860	11,346	3,414	11,241	5,765	1,654	33,420
1934	26,931	5,382	5,675	37,988	12,678	3,656	12,226	6,069	1,752	36,381
1935	26,082	4,995	5,280	36,357	11,151	3,362	10,980	5,323	1,673	32,489
1936	25,196	4,772	5,484	35,452	11,048	3,493	10,574	5,637	1,643	32,395
1937	24,649	4,899	5,305	34,853	10,682	3,229	10,395	5,325	1,614	31,245
1938	24,466	4,808	5,500	34,774	10,132	3,136	10,053	5,555	1,599	30,475
1939	24,600	5,122	5,904	35,626	9,987	3,058	10,572	5,192	1,594	30,403
1940	24,940	5,525	5,967	36,432	10,676	3,357	10,936	5,283	1,625	31,877
1941	25,453	5,676	6,254	37,383	11,366	3,789	11,413	6,119	1,685	34,372
1942	26,313	5,889	6,635	38,837	12,578	4,055	12,219	6,596	1,740	37,188
1943	27,138	6,067	7,035	40,240	13,980	4,547	13,239	7,361	1,837	40,964
1944	27,704	6,352	7,201	41,257	15,521	4,971	13,768	7,849	1,968	44,077
1945	27,770	6,307	6,772	40,849	16,456	5,069	12,871	8,329	1,999	44,724
1946	26,695	5,803	6,595	39,093	16,319	4,854	12,565	7,715	1,888	43,341
1947	26,098	5,602	6,768	38,468	16,469	4,664	12,595	7,164	1,847	42,739
1948 <sup>1</sup>	25,165	5,685	6,485	37,335	16,047	4,579	12,016	6,798	1,789	41,229

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1920-29 in Agricultural Statistics, 1942, table 486.

TABLE 422.—Purebred beef and dual-purpose cattle: Number of new registrations each year, as reported by breed associations, United States, 1938-47<sup>1</sup>

Year	Aberdeen-Angus	Devon	Hereford	Polled Hereford	Red Poll	Short-horn <sup>2</sup>	Brahman
	Number	Number	Number	Number	Number	Number	Number
1938	19,248	214	135,454	7,946	1,624	33,575	-----
1939	25,308	250	159,408	8,717	2,350	41,025	-----
1940	40,778	285	191,405	10,848	2,076	41,431	4,409
1941	38,787	336	207,517	15,244	2,724	50,120	4,132
1942	46,820	338	250,527	17,372	2,522	54,471	( <sup>3</sup> )
1943	52,432	398	288,675	17,034	3,155	52,845	8,536
1944	57,717	443	298,421	18,881	4,267	60,504	7,054
1945	66,020	401	316,081	31,863	3,958	63,988	10,954
1946	71,968	397	336,193	24,200	4,088	69,418	10,623
1947	81,992	403	356,530	33,000	4,366	80,853	14,928

<sup>1</sup> No reports were received for breeds not named in this table.<sup>2</sup> Includes the beef, milking, and polled types of Shorthorns.<sup>3</sup> No report of registrations was received for this year.<sup>4</sup> Fiscal year—October 1, 1946 to September 30, 1947.

Bureau of Animal Industry.



TABLE 423.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1930-47

Year	Calf crop <sup>1</sup>	Death loss		Marketings <sup>2</sup>		Cattle shipped in for feeding and breeding <sup>3</sup>	Farm slaughter	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1930.....	25,087	1,203	1,944	15,232	8,662	5,145	487	677
1931.....	26,056	1,328	1,915	15,021	8,475	4,729	520	755
1932.....	27,568	1,349	1,991	14,569	8,170	4,499	717	792
1933.....	28,935	1,372	2,040	15,928	8,852	4,978	790	842
1934 <sup>4</sup> .....	30,240	1,437	2,157	23,325	11,450	4,419	828	985
1935 <sup>4</sup> .....	27,473	1,561	2,268	19,041	9,363	5,259	632	866
1936.....	28,201	1,349	2,070	19,991	10,029	4,990	613	888
1937.....	28,033	1,405	2,081	18,854	10,298	5,111	570	785
1938.....	27,787	1,308	1,928	18,552	9,560	5,635	569	725
1939.....	28,879	1,298	1,935	18,380	10,076	6,416	571	755
1940.....	29,886	1,397	1,992	18,413	10,355	7,026	571	728
1941.....	31,868	1,461	2,118	18,948	11,001	7,185	571	684
1942.....	34,388	1,560	2,349	20,740	11,787	8,514	646	641
1943.....	34,797	1,734	2,560	21,310	11,177	7,442	708	620
1944.....	37,040	1,734	2,772	23,627	14,323	7,233	854	724
1945.....	35,176	1,644	2,680	27,391	13,197	8,254	916	741
1946.....	34,550	1,566	2,543	26,188	12,656	8,877	943	788
1947 <sup>5</sup> .....	35,319	1,471	2,469	26,921	14,077	8,518	860	682

  

Year	Quantity produced (live weight) <sup>6</sup>	Value of production <sup>6</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>7</sup>	Gross income <sup>7</sup>	Value of cattle and calves slaughtered for home consumption	Cost of cattle shipped in for feeding and breeding <sup>3</sup>	Annual average price per 100 pounds received by farmers	
							Cattle	Calves
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1930.....	13,263,048	1,031,910	1,183,573	1,204,337	30,764	273,322	7.71	9.68
1931.....	13,385,509	744,916	837,719	853,775	16,056	180,775	5.53	6.95
1932.....	14,232,264	597,193	620,561	635,478	14,917	141,573	4.25	4.95
1933.....	15,404,848	575,507	599,485	613,544	14,059	133,159	3.75	4.64
1934 <sup>4</sup> .....	14,537,806	554,749	812,823	827,602	14,779	114,636	4.13	4.92
1935 <sup>4</sup> .....	13,650,546	839,405	1,062,426	1,083,645	21,219	221,225	6.04	7.16
1936.....	14,437,789	856,653	1,113,564	1,133,872	20,308	187,697	5.82	7.20
1937.....	13,745,695	974,199	1,238,924	1,261,335	22,411	233,974	7.00	8.10
1938.....	14,046,970	931,675	1,162,422	1,183,564	21,142	267,583	6.54	7.90
1939.....	15,177,210	1,092,268	1,289,566	1,312,357	22,791	350,290	7.14	8.40
1940.....	15,702,110	1,194,668	1,375,631	1,400,019	24,388	401,821	7.56	8.83
1941.....	17,029,460	1,512,498	1,704,587	1,732,295	27,708	483,871	8.82	10.30
1942.....	18,567,905	1,997,831	2,262,549	2,299,679	37,130	671,182	10.70	12.30
1943.....	19,159,375	2,283,943	2,562,452	2,606,409	43,957	640,989	11.90	13.30
1944.....	19,708,295	2,164,836	2,604,481	2,652,264	47,783	564,830	10.80	12.40
1945.....	19,345,320	2,352,916	3,289,932	3,346,243	56,311	709,074	12.10	13.10
1946.....	18,781,924	2,735,993	3,722,141	3,793,431	71,290	906,512	14.50	15.30
1947 <sup>5</sup> .....	19,087,130	3,562,961	4,913,640	4,998,640	85,000	1,126,051	18.50	20.40

<sup>1</sup> Calves born during the year.<sup>2</sup> Excludes interfarm sales.<sup>3</sup> Includes cattle shipped in from other States and from central markets, but excludes intrastate shipments.<sup>4</sup> Includes Government purchases.<sup>5</sup> Preliminary.<sup>6</sup> Adjustments were made for cattle shipped in and changes in inventory.<sup>7</sup> No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

Bureau of Agricultural Economics. Data for 1924-29 (for most items shown) in Agricultural Statistics, 1942, table 491.

TABLE 424.—Cattle and calves: Production, disposition, and gross income, by States, 1946

State and division	Marketings <sup>1</sup>		Cattle shipped in for feeding and breeding <sup>2</sup>	Farm slaughter		Quantity produced (live-weight) <sup>3</sup>	Value of production <sup>3</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>4</sup>	Gross income <sup>4</sup>	Value of cattle and calves slaughtered for home consumption	Cost of cattle shipped in for feeding and breeding <sup>2</sup>
	Cattle	Calves		Cattle	Calves						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	33	49	7	9	6	38,390	4,824	5,471	5,658	167	844
New Hampshire.....	18	33	2	2	2	19,800	2,404	2,748	2,821	73	239
Vermont.....	78	143	21	9	4	83,600	9,729	6,481	9,959	230	531
Massachusetts.....	51	72	32	4	3	27,835	3,256	6,481	6,444	163	3,904
Rhode Island.....	8	12	6	1	1	3,980	3,478	1,090	1,133	34	722
Connecticut.....	41	64	19	3	3	25,870	3,210	5,530	5,666	136	2,287
New York.....	281	683	18	35	29	340,210	48,830	52,883	54,669	1,786	2,257
New Jersey.....	48	84	33	2	2	34,510	5,083	8,672	8,774	102	4,103
Pennsylvania.....	308	389	136	46	38	307,860	48,163	89,915	62,516	2,601	15,711
North Atlantic.....	866	1,529	274	114	88	862,315	123,433	152,528	157,820	5,292	32,598
Ohio.....	560	421	145	51	24	484,965	76,822	94,770	98,947	4,177	17,383
Indiana.....	636	304	276	40	30	488,265	77,758	104,368	107,964	3,566	30,178
Illinois.....	1,343	438	866	60	32	830,600	130,022	211,082	214,920	3,838	95,918
Michigan.....	414	414	54	45	29	417,745	64,311	72,955	75,375	2,420	5,034
Wisconsin.....	564	1,409	35	57	44	735,024	92,340	98,036	100,111	2,075	3,126
East North Central.....	3,517	2,986	1,376	243	159	2,956,599	441,253	581,241	597,317	16,076	151,639
Minnesota.....	973	683	164	59	44	876,425	122,238	144,024	150,116	6,092	15,395
Iowa.....	2,378	346	1,269	72	33	1,523,910	241,518	373,994	382,369	8,375	134,336
Missouri.....	1,547	444	775	20	33	904,455	146,301	237,244	239,355	2,111	74,896
North Dakota.....	571	167	25	17	17	456,265	61,618	72,444	75,148	2,704	2,448
South Dakota.....	843	113	169	26	9	696,625	101,449	116,250	119,200	2,950	17,008
Nebraska.....	1,748	142	616	41	18	1,129,725	176,621	252,432	257,395	4,963	67,353
Kansas.....	1,743	275	710	38	28	1,074,830	164,537	251,627	255,789	4,162	69,523
West North Central.....	9,803	2,170	3,728	285	182	6,632,265	1,014,282	1,448,015	1,479,372	31,357	380,959
North Central.....	13,320	5,156	5,104	528	341	9,588,864	1,455,535	2,029,256	2,076,689	47,433	532,598
Delaware.....	8	15	2	2	2	10,520	1,626	1,823	1,908	85	221
Maryland.....	76	123	26	5	3	75,395	14,797	14,797	15,040	243	2,652
Virginia.....	173	267	26	10	5	202,740	33,391	35,043	35,634	591	2,367
West Virginia.....	109	113	26	4	4	195,760	20,043	20,468	20,876	408	307
North Carolina.....	122	134	3	13	12	117,130	16,572	17,940	18,430	490	409
South Carolina.....	89	42	4	7	7	64,755	8,990	10,430	10,563	124	400
Georgia.....	236	72	14	9	9	167,169	21,141	21,584	21,786	202	831
Florida.....	184	152	55	18	5	185,405	17,852	13,324	19,568	234	4,825
South Atlantic.....	997	918	134	70	47	916,730	131,775	141,418	143,795	2,377	11,968

Kentucky.....	484	279	232	8	6	347,910	54,162	74,939	75,396	457	22,244
Tennessee.....	371	273	106	6	7	306,170	41,056	48,411	48,705	294	9,587
Alabama.....	341	116	35	11	9	220,590	26,915	29,742	30,044	302	1,966
Mississippi.....	322	262	7	7	10	244,040	30,324	32,894	33,132	238	1,455
Arkansas.....	325	214	6	7	9	249,370	33,889	38,722	38,975	235	412
Louisiana.....	356	261	50	9	14	215,835	27,661	33,264	33,697	433	3,282
Ohio.....	1,198	430	406	11	26	716,810	91,146	133,438	134,537	1,099	37,782
Texas.....	2,756	1,411	806	13	54	1,704,530	226,892	310,825	312,712	1,887	82,212
South Central.....	6,159	3,246	1,648	72	135	4,005,255	552,034	702,235	707,180	4,945	157,930
Montana.....	679	94	62	16	12	556,550	79,731	93,310	94,790	1,480	6,698
Idaho.....	231	82	35	19	12	218,150	31,684	36,139	36,921	1,782	3,377
Wyoming.....	352	69	73	9	4	296,030	42,824	47,707	48,659	952	6,608
Colorado.....	836	198	309	15	10	475,810	75,014	126,583	127,762	1,169	36,128
New Mexico.....	632	202	300	9	9	257,845	33,597	66,701	66,595	894	26,040
Arizona.....	352	128	177	12	9	189,580	23,351	40,251	41,343	1,092	14,868
Utah.....	155	62	23	4	4	138,755	19,461	23,189	23,761	572	2,385
Nevada.....	98	81	14	4	3	118,700	16,285	15,996	16,361	365	1,452
Washington.....	205	98	43	25	25	190,145	28,228	34,889	36,008	1,119	4,990
Oregon.....	287	112	46	22	21	263,095	38,243	46,665	47,423	758	4,736
California.....	1,010	681	633	19	38	704,100	102,798	166,264	168,324	2,060	64,136
Western.....	4,846	1,807	1,717	159	147	3,408,760	493,216	696,704	707,947	11,243	171,418
United States.....	26,188	12,656	8,877	943	758	18,781,924	2,735,993	3,722,141	3,793,431	71,290	906,512

<sup>1</sup> Excludes interfarm sales.  
<sup>2</sup> Includes cattle shipped in from other States and from central markets but excludes intrastate shipments.  
<sup>3</sup> Adjustments were made for cattle shipped in and changes in inventory.  
<sup>4</sup> No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."  
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TABLE 425.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1947 (preliminary)

State and division	Marketings <sup>1</sup>		Cattle shipped in for feeding and breeding <sup>2</sup>	Farm slaughter		Quantity produced (live-weight) <sup>3</sup>	Value of production <sup>3</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>4</sup>	Gross income <sup>4</sup>	Value of cattle and calves slaughtered for home consumption	Cost of cattle shipped in for feeding and breeding <sup>5</sup>
	Cattle	Calves		Cattle	Calves						
Maine.....	30	63	1,000 head	9	7	38,275	5,900	6,321	6,533	212	626
New Hampshire.....	19	30	3	3	3	20,020	2,899	3,297	3,370	467	626
Vermont.....	65	150	9	7	4	59,200	7,960	9,610	9,839	229	1,410
Massachusetts.....	52	72	31	3	1	26,655	3,778	7,702	7,865	163	4,914
Rhode Island.....	6	13	1	1	1	3,100	458	6,195	1,935	91	4,784
Connecticut.....	36	69	19	3	2	28,340	4,176	6,195	6,320	125	2,981
New York.....	257	729	19	32	21	352,545	61,968	61,304	63,202	1,958	3,072
New Jersey.....	41	87	26	2	3	35,175	6,586	9,801	9,936	135	4,193
Pennsylvania.....	310	458	108	44	36	314,450	61,207	74,820	77,915	3,095	15,982
North Atlantic.....	816	1,671	224	104	80	877,760	154,541	180,042	186,073	6,031	34,429
Ohio.....	466	471	98	50	21	455,035	95,207	105,072	110,087	5,015	14,939
Indiana.....	727	373	338	38	26	487,545	98,844	146,066	150,370	4,304	45,738
Illinois.....	1,567	486	788	51	30	902,205	183,082	316,538	321,848	5,310	114,607
Michigan.....	1,399	464	38	42	28	391,970	77,479	88,788	91,573	2,785	4,354
Wisconsin.....	579	1,513	29	53	35	739,785	125,080	135,075	137,630	2,555	3,354
East North Central.....	3,738	3,307	1,291	234	140	2,976,540	579,692	791,539	811,508	19,969	182,992
Minnesota.....	1,052	749	178	55	36	859,270	152,021	194,971	202,029	7,058	21,082
Iowa.....	2,798	394	1,205	63	27	1,811,800	345,832	577,206	587,016	9,810	167,121
Missouri.....	1,556	606	823	35	15	946,320	195,114	310,886	313,872	2,986	105,920
North Dakota.....	481	178	10	21	36	429,440	77,704	83,486	86,753	3,267	1,242
South Dakota.....	933	92	182	22	22	674,610	131,739	158,403	161,531	3,128	22,973
Nebraska.....	1,630	256	592	41	17	1,103,835	221,870	307,378	313,713	6,335	82,116
Kansas.....	1,646	216	595	35	28	1,095,585	214,161	304,600	309,794	5,134	75,416
West North Central.....	10,096	2,491	3,585	263	165	6,760,860	1,338,441	1,936,990	1,974,708	37,718	475,870
North Central.....	13,834	5,798	4,876	497	305	9,737,400	1,918,133	2,728,529	2,786,216	57,687	688,862
Delaware.....	8	20	1	1	1	10,935	2,121	2,194	2,251	57	143
Maryland.....	65	125	23	5	2	70,835	13,720	15,203	15,498	295	2,981
Virginia.....	173	270	17	5	5	208,280	40,463	40,683	40,683	645	1,962
West Virginia.....	109	136	1	4	4	116,835	22,896	23,994	24,451	457	1,117
North Carolina.....	90	151	1	13	12	163,345	17,070	16,794	17,350	586	528
South Carolina.....	77	54	2	6	5	61,950	10,321	10,734	10,848	114	294
Georgia.....	227	155	1	8	9	179,230	26,968	27,778	28,008	230	2,770
Florida.....	207	176	24	17	4	165,370	20,931	22,528	22,770	242	2,770
South Atlantic.....	956	1,087	73	64	42	916,780	154,490	159,263	161,889	2,626	8,833

Kentucky.....	623	232	360	7	5	390,180	76,800	115,225	115,744	519	45,198
Tennessee.....	399	332	100	4	6	313,930	51,274	64,026	64,305	279	12,015
Alabama.....	345	165	4	7	7	217,810	31,904	36,220	36,472	252	298
Mississippi.....	352	290	5	5	7	238,860	36,069	41,964	42,171	207	433
Arkansas.....	366	269	23	7	7	241,780	41,008	53,157	55,427	270	2,082
Louisiana.....	409	313	33	7	12	206,330	32,789	45,579	46,017	438	2,888
Oklaoma.....	1,170	441	338	13	27	718,870	121,910	181,471	183,107	1,636	40,514
Texas.....	2,795	1,490	579	11	47	1,771,530	301,541	407,215	409,315	2,100	76,781
South Central.....	6,459	3,538	1,442	61	118	4,099,290	693,385	944,857	950,558	5,701	180,209
Montana.....	604	156	81	15	11	535,380	98,101	109,301	111,080	1,779	11,022
Idaho.....	249	72	79	17	13	225,390	41,385	48,365	49,329	934	9,666
Wyoming.....	343	63	43	7	3	289,585	55,184	59,743	60,672	929	4,919
Colorado.....	794	239	363	13	8	482,680	95,821	134,337	155,677	1,340	57,999
New Mexico.....	530	196	279	7	8	263,930	44,995	72,476	73,417	941	30,885
Arizona.....	344	155	153	11	8	181,230	30,379	48,843	50,122	1,279	16,386
Utah.....	162	67	30	5	2	133,045	24,213	29,978	30,408	430	3,947
Nevada.....	136	80	20	3	2	126,995	23,262	27,421	27,782	361	2,631
Washington.....	199	135	28	20	20	195,260	37,895	44,802	46,020	1,218	3,941
Oregon.....	262	117	41	15	20	272,945	49,951	54,085	54,838	753	5,365
California.....	1,233	703	756	21	41	749,510	141,226	251,568	254,559	2,991	96,957
Western.....	4,856	1,983	1,903	134	137	3,455,900	642,412	900,949	913,904	12,955	243,718
United States.....	26,921	14,077	8,518	860	682	19,087,130	3,562,961	4,913,640	4,998,640	85,000	1,126,051

<sup>1</sup> Excludes interfarm sales.

<sup>2</sup> Includes cattle shipped in from other States and from central markets but excludes intrastate shipments.

<sup>4</sup> No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

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TABLE 426.—Cattle and calves on feed, East North Central, West North Central, and North Central States, and United States, Jan. 1, 1930-48<sup>1</sup>

Year	East North Central States	West North Central States	Total North Central States	United States <sup>2</sup>	Year	East North Central States	West North Central States	Total North Central States	United States <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands	Thou- sands
1930-----	619	1,964	2,583	3,113	1940-----	944	1,852	2,796	3,633
1931-----	568	1,930	2,498	3,025	1941-----	1,002	2,148	3,150	4,065
1932-----	618	1,739	2,357	2,878	1942-----	961	2,293	3,254	4,185
1933-----	687	1,918	2,605	3,080	1943-----	993	2,540	3,533	4,445
1934-----	593	1,818	2,411	2,890	1944-----	905	2,319	3,224	4,015
1935-----	579	1,229	1,808	2,215	1945-----	907	2,662	3,569	4,411
1936-----	750	1,770	2,520	3,202	1946-----	888	2,448	3,336	4,211
1937-----	740	1,280	2,020	2,759	1947-----	961	2,456	3,417	4,307
1938-----	840	1,651	2,491	3,336	1948 <sup>3</sup> -----	825	1,954	2,779	3,774
1939-----	855	1,696	2,551	3,303					

<sup>1</sup> Estimates include only cattle being fattened for market as a more or less distinct agricultural enterprise, and exclude small operations incidental to dairy and general farming. Cattle thus fed are presumed to produce carcasses that will grade Commercial or better. In addition there have been a number of cattle finished on distillery slop, mostly in Kentucky, and on byproduct feeds in other States not shown, as well as large numbers being winter-fed in West Virginia, Virginia, Kentucky, and some other States, to be marketed as "grass fat" cattle in the late summer.

<sup>2</sup> Includes cattle and calves on feed in Pennsylvania and in 13 Western States.

<sup>3</sup> Preliminary.

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TABLE 427.—Cattle and calves on feed, by States, average 1937-46, annual 1947 and 1948<sup>1</sup>

State and division	Average 1937-46	1947	1948	State and division	Average 1937-46	1947	1948
	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands
Pennsylvania-----	78	90	85	Oklahoma-----	50	50	50
Ohio-----	123	120	110	Texas-----	149	121	115
Indiana-----	160	183	155	Montana-----	31	48	55
Illinois-----	464	500	400	Idaho-----	46	70	80
Michigan-----	89	81	77	Wyoming-----	16	20	20
Wisconsin-----	68	77	83	Colorado-----	150	146	180
East North Central-----	904	961	825	New Mexico-----	16	11	22
Minnesota-----	270	282	240	Arizona-----	57	50	65
Iowa-----	860	970	728	Utah-----	36	37	44
Missouri-----	264	300	240	Nevada-----	24	22	24
North Dakota-----	56	64	54	Washington-----	22	27	22
South Dakota-----	117	170	136	Oregon-----	25	32	24
Nebraska-----	299	413	330	California-----	144	166	209
Kansas-----	222	257	226	Western-----	766	800	910
West North Central-----	2,088	2,456	1,954	United States-----	3,836	4,307	3,774
North Central-----	2,992	3,417	2,779				

<sup>1</sup> Same as footnote 1 in table 426.

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TABLE 428.—Cattle and calves: Receipts at public stockyards, 1938-47

CATTLE <sup>1</sup>												
Year	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Omaha	St. Louis Natl. Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets <sup>2</sup>	All others report- ing	Total, 67 markets report- ing <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	1,885	541	764	1,334	1,177	848	310	882	658	8,399	5,677	14,076
1939.....	1,818	509	620	1,387	1,184	797	313	893	673	8,194	5,702	13,896
1940.....	1,926	466	524	1,324	1,206	881	340	942	735	8,343	5,734	14,077
1941.....	2,035	495	591	1,382	1,305	874	410	1,060	873	9,025	6,203	15,228
1942.....	2,182	613	862	1,887	1,474	1,046	472	1,162	1,006	10,702	7,277	17,979
1943.....	2,143	690	879	2,137	1,615	1,066	504	985	1,162	11,181	7,009	18,190
1944.....	2,340	765	1,046	1,979	1,680	1,220	573	1,175	1,242	12,019	8,494	20,513
1945.....	2,391	793	1,019	2,094	1,859	1,317	561	1,138	1,444	12,617	9,555	22,172
1946.....	1,960	820	873	1,894	1,735	1,250	501	1,009	1,448	10,489	10,789	21,278
1947.....	2,089	898	968	1,956	1,910	1,304	682	1,216	1,463	12,486	9,617	22,103
CALVES <sup>1</sup>												
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	325	79	449	335	121	555	66	487	54	2,471	4,092	6,562
1939.....	312	112	422	325	128	498	58	480	60	2,396	4,164	6,560
1940.....	271	117	377	276	120	435	58	465	62	2,182	4,100	6,282
1941.....	244	107	372	233	101	434	50	471	58	2,070	4,058	6,128
1942.....	248	112	420	278	89	505	54	503	66	2,275	4,406	6,681
1943.....	217	94	376	268	84	416	67	438	48	2,007	3,687	5,694
1944.....	287	127	482	387	144	529	118	572	87	2,733	4,556	7,289
1945.....	230	129	524	338	111	529	116	518	84	2,578	4,492	7,070
1946.....	194	132	481	361	111	538	95	503	99	2,514	4,304	6,818
1947.....	271	133	446	313	105	557	121	626	67	2,640	4,819	7,459
TRUCK RECEIPTS, CATTLE												
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	783	167	601	428	750	510	209	609	522	4,579	3,666	8,245
1939.....	881	177	517	466	803	535	215	597	535	4,726	3,861	8,587
1940.....	1,030	172	463	526	888	671	254	651	587	5,242	3,999	9,241
1941.....	1,170	187	531	635	1,017	686	306	737	715	5,984	4,507	10,491
1942.....	1,234	218	730	685	1,091	726	336	804	760	6,584	4,897	11,481
1943.....	1,153	220	647	658	1,157	686	322	680	879	6,403	4,207	10,610
1944.....	1,128	289	831	728	1,170	798	366	745	838	6,894	5,251	12,145
1945.....	1,214	296	755	780	1,409	760	386	746	1,056	7,401	5,478	12,879
1946.....	1,162	356	686	744	1,337	616	365	663	1,083	5,930	6,241	12,171
1947.....	1,411	452	800	829	1,511	874	492	915	1,145	8,428	6,271	14,699
TRUCK RECEIPTS, CALVES												
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	140	43	316	133	75	269	61	421	26	1,482	2,335	3,817
1939.....	130	56	298	126	64	250	50	406	27	1,406	2,576	3,982
1940.....	132	52	303	126	70	267	53	403	33	1,439	2,594	4,033
1941.....	138	51	315	123	50	279	46	417	27	1,446	2,686	4,132
1942.....	142	49	323	122	41	280	47	444	23	1,471	2,805	4,277
1943.....	132	39	311	113	38	259	51	391	19	1,354	2,337	3,691
1944.....	146	69	410	193	74	331	87	502	31	1,843	3,015	4,858
1945.....	122	58	422	166	63	295	91	458	21	1,696	2,899	4,595
1946.....	106	59	400	157	54	303	78	448	26	1,631	2,616	4,247
1947.....	145	65	401	175	68	341	103	572	25	1,894	3,290	5,184

<sup>1</sup>Total rail and truck receipts, unloaded at public stockyards.<sup>2</sup>Rounded totals of the complete figures.

Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-37 in Agricultural Statistics, 1941, table 466.

TABLE 429.—Feeder cattle: Inspected shipments from public stockyards, 1940-47

Origin and destination	1940	1941	1942	1943	1944	1945	1946	1947
Market origin:	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Baltimore, Md.....	13,945	9,724	12,230	11,698	14,917	17,809	20,866	19,577
Chicago, Ill.....	131,585	106,858	115,400	108,238	99,373	105,473	130,913	80,939
Cincinnati, Ohio.....	12,211	9,378	10,598	12,254	11,559	9,484	14,276	13,551
Denver, Colo.....	183,411	180,293	261,846	308,098	265,377	303,715	364,046	368,511
Detroit, Mich.....	17,465	15,752	14,578	19,304	14,548	14,616	11,880	11,189
Fort Worth, Tex.....	140,313	125,725	181,704	163,297	143,635	199,065	203,202	147,539
Indianapolis, Ind.....	44,404	43,562	39,315	38,066	33,709	34,599	45,330	45,378
Kansas City, Kans.....	538,793	510,476	616,917	669,681	493,016	490,815	524,594	483,453
Lancaster, Pa.....	77,876	55,949	81,832	87,493	57,529	104,396	110,458	88,756
Los Angeles, Calif.....	48,284	55,142	46,259	54,615	63,892	79,216	64,802	81,601
Louisville, Ky.....	71,552	71,462	85,079	62,042	47,188	61,936	73,918	70,002
Nashville, Tenn.....	14,827	8,107	20,046	18,039	9,287	10,739	9,262	10,576
Ogden, Utah.....	57,261	59,334	53,112	59,203	72,688	125,803	145,245	136,510
Oklahoma City, Okla.....	162,299	197,730	222,285	204,938	126,807	151,925	211,136	203,800
Omaha, Nebr.....	373,075	347,566	379,995	398,178	382,065	357,246	444,131	378,687
St. Louis <sup>1</sup> .....	174,257	159,289	190,466	165,284	135,284	139,429	199,653	159,099
San Antonio, Tex.....	179,712	195,256	194,907	177,511	167,074	204,784	261,537	259,887
Sioux City, Iowa.....	253,487	261,479	304,640	306,772	352,156	383,788	429,038	352,687
Sioux Falls, S. Dak.....	67,386	69,189	70,680	80,557	80,071	79,068	77,447	83,525
South St. Joseph, Mo.....	58,668	65,858	72,709	67,599	50,264	51,748	61,982	69,415
South St. Paul, Minn.....	169,108	187,933	187,175	170,105	177,783	186,959	210,613	158,304
Wichita, Kans.....	159,839	207,654	215,109	191,967	158,727	173,516	155,208	153,401
All other inspected.....	212,342	238,202	248,570	247,792	222,340	246,668	330,765	279,194
Total.....	3,162,100	3,181,918	3,625,452	3,622,731	3,179,289	3,532,797	4,100,305	3,655,671
State destination:								
Pennsylvania.....	92,880	69,021	98,583	108,224	70,720	120,926	130,119	104,896
Ohio.....	104,329	72,031	92,585	108,614	73,136	96,086	110,790	82,788
Indiana.....	147,844	134,881	143,883	123,614	95,637	131,419	164,865	131,026
Illinois.....	480,693	417,356	482,021	429,180	419,310	432,578	538,896	440,271
Michigan.....	56,058	38,923	39,143	56,562	28,193	31,783	42,497	27,731
Wisconsin.....	17,709	14,927	12,869	16,480	15,815	19,835	19,067	14,988
Minnesota.....	110,818	111,062	99,516	90,019	67,723	79,157	83,727	75,513
Iowa.....	695,023	666,748	735,290	725,404	720,934	617,491	718,605	554,348
Missouri.....	218,599	216,105	239,247	245,092	167,985	179,529	254,015	234,349
South Dakota.....	50,077	46,753	54,166	86,214	71,093	99,341	91,032	92,970
Nebraska.....	216,838	230,681	278,015	286,366	285,209	330,547	357,952	344,918
Kansas.....	269,120	362,499	472,461	369,392	330,240	330,580	322,130	288,232
Maryland.....	13,748	10,527	14,049	12,449	12,817	20,710	24,555	19,154
Virginia.....	13,215	7,244	15,212	21,311	9,273	17,144	25,449	14,376
Kentucky.....	89,995	90,529	120,436	93,641	76,221	105,313	126,461	111,886
Tennessee.....	21,792	18,940	34,437	28,966	21,939	30,928	37,784	31,464
Louisiana.....	16,240	13,221	11,402	20,762	21,458	42,869	48,529	32,194
Oklahoma.....	140,178	164,367	187,015	146,470	125,472	116,097	137,888	161,033
Texas.....	103,175	141,135	130,100	146,913	126,464	146,109	202,530	198,973
Montana.....	9,791	8,884	7,816	21,003	13,285	18,648	31,678	25,819
Idaho.....	3,144	5,155	4,554	6,723	7,254	6,306	17,421	27,996
Wyoming.....	5,811	8,336	13,742	17,598	17,285	19,499	29,792	21,287
Colorado.....	71,848	98,267	130,678	170,751	131,735	168,060	170,450	239,382
Utah.....	24,132	31,794	19,165	18,831	22,369	25,322	22,425	29,211
Washington.....	22,733	30,586	26,529	25,119	26,799	27,507	33,156	26,302
California.....	89,135	92,389	92,417	131,333	130,199	202,921	202,142	236,228
All other.....	77,175	79,557	70,121	115,700	90,724	116,092	156,350	88,337
Total.....	3,162,100	3,181,918	3,625,452	3,622,731	3,179,289	3,532,797	4,100,305	3,655,671

<sup>1</sup> Includes St. Louis National Stock Yards, Ill., and St. Louis, Mo.

Bureau of Agricultural Economics. Compiled from inspection records of Bureau of Animal Industry. Data for 1926-39 in Agricultural Statistics, 1941, table 467.



TABLE 430.—Cattle and calves: Stocker and feeder shipments into 8 North Central States, 1943-47<sup>1</sup>

Year and source	Shipments into—								
	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Nebraska	Total 8 States
1943:									
Public stockyards...	<i>Number</i> 105,587	<i>Number</i> 144,993	<i>Number</i> 372,339	<i>Number</i> 55,438	<i>Number</i> 17,140	<i>Number</i> 86,954	<i>Number</i> 735,541	<i>Number</i> 294,257	<i>Number</i> 1,812,249
Direct.....	17,495	24,237	96,103	3,032	9,516	36,610	259,887	103,962	550,572
Total.....	123,082	169,230	468,442	58,470	26,656	123,564	995,428	397,949	2,362,821
1944:									
Public stockyards...	84,992	104,651	375,148	26,652	15,625	66,201	759,472	278,220	1,710,961
Direct.....	4,928	17,648	107,375	1,341	5,757	45,031	289,657	96,817	568,554
Total.....	89,920	122,299	482,523	27,993	21,382	111,232	1,049,129	375,037	2,279,515
1945:									
Public stockyards...	93,452	149,751	388,628	31,482	17,878	77,228	721,229	331,737	1,811,385
Direct.....	14,426	32,912	157,155	6,223	10,891	76,995	321,955	122,656	743,213
Total.....	107,878	182,663	545,783	37,705	28,769	154,223	1,043,184	454,393	2,554,598
1946:									
Public stockyards...	117,517	153,477	454,081	40,599	15,940	81,867	821,586	337,600	2,022,667
Direct.....	16,422	40,115	226,880	5,438	8,394	64,992	387,774	162,540	912,555
Total.....	133,939	193,592	680,961	46,037	24,334	146,859	1,209,360	500,140	2,935,222
1947:									
Public stockyards...	78,529	136,671	397,496	27,215	14,004	69,771	715,910	322,248	1,761,844
Direct.....	9,547	35,823	214,675	4,114	7,418	69,764	336,432	160,917	838,690
Total.....	88,076	172,494	612,171	31,329	21,422	139,535	1,052,342	483,165	2,600,534

<sup>1</sup> Under "Public stockyards" are included stockers and feeders which were bought at stockyards markets. Under "Direct" are included stockers and feeders coming from other States from points other than public stockyards, some of which are inspected at public stockyards while stopping for feed, water, and rest en route.

Bureau of Agricultural Economics. Compiled from data obtained from offices of State veterinarians.

TABLE 431.—Cattle and calves: Annual slaughter, United States, 1930-47

Year	Cattle slaughter				Calf slaughter			
	Federally inspected <sup>1</sup>	Not federally inspected		Total	Federally inspected <sup>1</sup>	Not federally inspected		Total
		Other wholesale, and retail	Farm			Other wholesale, and retail	Farm	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1930.....	8,170	3,399	487	12,056	4,595	2,489	677	7,761
1931.....	8,108	3,468	520	12,096	4,717	2,585	755	8,057
1932.....	7,625	3,638	717	11,980	4,492	2,686	792	7,970
1933.....	8,655	3,662	790	13,107	4,907	2,815	842	8,564
1934.....	<sup>2</sup> 13,277	5,404	828	<sup>2</sup> 19,509	<sup>3</sup> 7,455	3,319	985	<sup>3</sup> 11,759
1935.....	<sup>2</sup> 9,853	4,320	632	<sup>2</sup> 14,805	<sup>3</sup> 5,718	3,048	866	<sup>3</sup> 9,632
1936.....	<sup>2</sup> 10,976	4,312	613	<sup>2</sup> 15,901	<sup>3</sup> 6,070	3,050	888	<sup>3</sup> 10,008
1937.....	10,070	4,614	570	15,254	6,281	3,238	785	10,304
1938.....	9,776	4,477	569	14,822	5,492	3,089	725	9,306
1939.....	9,446	4,604	571	14,621	5,264	3,172	755	9,191
1940.....	9,743	4,644	571	14,958	5,358	3,003	728	9,089
1941.....	10,932	4,916	571	16,419	5,461	3,107	684	9,252
1942.....	12,340	5,047	646	18,033	5,760	3,317	641	9,718
1943.....	11,721	5,416	708	17,845	5,209	4,111	620	9,940
1944.....	13,955	<sup>4</sup> 5,035	854	19,844	7,769	<sup>4</sup> 5,749	724	14,242
1945.....	14,531	<sup>4</sup> 6,244	916	21,691	7,020	<sup>4</sup> 5,884	741	13,645
1946.....	11,402	<sup>4</sup> 7,479	943	19,824	5,841	<sup>4</sup> 5,569	758	12,168
1947 <sup>5</sup> .....	15,524	<sup>4</sup> 6,009	860	22,393	7,933	<sup>4</sup> 6,080	682	13,695

<sup>1</sup> Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.

<sup>2</sup> Includes 3,333,570 cattle in 1934, 186,633 in 1935, and 3500 in 1936, slaughtered for Government account.

<sup>3</sup> Includes 1,376,572 calves in 1934, 39,358 in 1935, and 163 in 1936, slaughtered for Government account.

<sup>4</sup> Data obtained from reports of slaughterers.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 432.—Cattle and calves: Slaughter under Federal inspection, by stations, 1938-47 <sup>1</sup>

## CATTLE

Year	Chi- cago <sup>2</sup>	Denver	Kansas City	New York <sup>3</sup>	Omaha <sup>4</sup>	St. Louis <sup>5</sup>	Sioux City	So. St. Paul <sup>6</sup>	All other stations	Total
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	1,347	121	643	451	689	585	318	702	4,920	9,776
1939.....	1,281	120	633	454	717	539	333	676	4,693	9,446
1940.....	1,358	111	611	452	744	578	367	725	4,811	9,756
1941.....	1,508	145	737	478	857	620	451	834	5,316	10,946
1942.....	1,575	212	955	506	924	683	480	869	6,142	12,347
1943.....	1,289	247	900	464	1,006	610	548	665	5,999	11,727
1944.....	1,540	293	1,004	566	1,083	706	529	822	7,417	13,960
1945.....	1,441	267	1,017	632	1,124	683	518	746	8,110	14,538
1946.....	975	217	722	538	759	467	358	542	6,835	11,413
1947.....	1,428	333	1,031	437	1,206	872	557	897	8,763	15,524

## CALVES

1938.....	321	20	297	827	82	446	22	522	2,955	5,492
1939.....	340	20	267	720	58	440	14	507	2,898	5,264
1940.....	345	20	247	750	56	421	12	496	3,013	5,359
1941.....	300	20	221	741	40	468	7	503	3,160	5,461
1942.....	262	21	248	777	30	446	7	514	3,454	5,760
1943.....	270	21	268	538	38	369	10	405	3,292	5,209
1944.....	455	60	412	571	123	615	65	570	4,899	7,770
1945.....	372	39	383	428	78	512	33	495	4,680	7,020
1946.....	326	22	256	455	47	350	18	456	3,912	5,842
1947.....	615	40	389	548	81	648	20	570	5,022	7,933

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act and in plants operating under limited inspection, beginning 1942.

<sup>2</sup> Includes Elburn, Ill.

<sup>3</sup> Includes Jersey City and Newark, N. J.

<sup>4</sup> Includes Lincoln, Nebr.

<sup>5</sup> Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.

<sup>6</sup> Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-37 in 1941 Agricultural Statistics, table 475.

TABLE 433.—Cattle: Number, by classes, slaughtered under Federal inspection, 1938-47

Year	Steers		Cows and heifers		Bulls and stags		Year	Steers		Cows and heifers		Bulls and stags	
	Thou- sands	Per- cent	Thou- sands	Per- cent	Thou- sands	Per- cent		Thou- sands	Per- cent	Thou- sands	Per- cent	Thou- sands	Per- cent
1938.....	4,517	46.2	4,861	49.8	398	4.0	1943.....	5,737	48.9	5,516	47.0	474	4.0
1939.....	4,588	48.6	4,446	47.0	412	4.4	1944.....	5,860	42.0	7,392	52.9	708	5.1
1940.....	4,866	49.9	4,481	45.9	409	4.2	1945.....	6,657	45.8	7,311	50.3	571	3.9
1941.....	5,459	49.9	4,992	45.6	496	4.5	1946.....	5,364	47.0	5,641	49.4	408	3.6
1942.....	6,019	48.7	5,854	47.4	475	3.8	1947.....	6,968	44.9	17,983	151.4	573	3.7

<sup>1</sup> Number of cows slaughtered in 1947 was 6,030 thousand head, or 38.8 percent; heifers, 1,953 thousand head, or 12.6 percent.

Production and Marketing Administration. Data for 1923-37 in Agricultural Statistics, 1941, table 478.

TABLE 434.—Cattle and calves: Number slaughtered, 1946 and 1947, and average live weight and total live weight, 1947, by States<sup>1</sup>

State	Cattle				Calves			
	Number slaughtered		Average live weight <sup>2</sup>	Total live weight <sup>2</sup>	Number slaughtered		Average live weight <sup>2</sup>	Total live weight <sup>2</sup>
	1946	1947	1947	1947	1946	1947	1947	1947
	<i>Head</i>	<i>Head</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Head</i>	<i>Head</i>	<i>Pounds</i>	<i>1,000 pounds</i>
New England.....	563,800	381,700	959	366,177	427,500	466,100	90	42,008
New York.....	779,000	557,000	1,041	579,745	945,000	979,000	146	143,122
New Jersey.....	475,000	299,000	1,104	330,067	282,000	290,000	180	52,237
Pennsylvania.....	888,000	767,000	981	752,785	726,000	789,000	139	109,428
Ohio.....	1,046,000	1,116,000	894	997,598	336,000	425,000	154	65,615
Indiana.....	529,000	605,000	853	515,948	172,000	206,400	202	41,685
Illinois.....	1,443,000	2,188,000	906	1,983,271	866,000	1,236,000	186	229,868
Michigan.....	742,000	735,000	920	675,914	458,000	607,000	170	103,119
Wisconsin.....	589,000	648,000	1,016	658,058	1,138,000	1,188,000	116	137,969
Minnesota.....	867,000	1,319,000	970	1,279,989	689,000	809,000	154	124,436
Iowa.....	965,000	1,474,000	944	1,392,133	421,000	480,000	232	111,320
Missouri.....	648,000	924,000	838	774,697	292,000	486,000	229	111,405
North Dakota.....	99,300	123,400	985	121,551	47,500	81,200	268	21,778
South Dakota.....	180,500	225,000	941	211,735	12,300	18,500	284	5,258
Nebraska.....	902,000	1,306,000	940	1,227,233	61,300	92,800	319	29,564
Kansas.....	1,012,000	1,395,000	897	1,251,236	328,000	469,000	274	128,690
Delaware and Maryland <sup>3</sup>	212,800	194,900	971	189,167	205,600	169,600	153	25,887
Virginia.....	128,500	101,100	863	87,237	98,000	102,400	200	20,435
West Virginia.....	90,700	77,600	867	67,253	48,000	40,000	165	6,608
North Carolina.....	130,100	114,400	767	87,746	99,000	115,100	179	20,584
South Carolina.....	98,200	85,800	675	57,910	34,400	42,500	222	9,447
Georgia.....	346,000	420,000	628	263,675	157,000	209,200	245	51,226
Florida.....	271,000	246,200	631	155,473	100,300	139,900	234	32,780
Kentucky.....	190,000	205,000	813	166,756	123,500	140,500	178	25,072
Tennessee.....	261,000	299,000	771	230,588	232,000	331,000	186	61,730
Alabama.....	226,000	230,000	659	151,599	130,000	115,600	274	31,619
Mississippi.....	131,600	124,300	639	79,445	116,500	103,500	295	30,571
Arkansas.....	169,000	140,300	690	96,836	76,000	39,600	358	14,192
Louisiana.....	196,000	216,000	672	145,148	401,000	353,000	351	124,017
Oklahoma.....	317,000	425,000	793	336,821	244,900	234,000	365	85,508
Texas.....	1,195,000	1,409,000	749	1,055,284	1,165,000	1,168,000	374	436,523
Montana.....	88,800	66,800	939	62,722	25,600	18,700	332	6,215
Idaho.....	77,000	71,500	946	67,654	20,800	14,600	316	4,609
Wyoming.....	36,000	20,100	967	19,439	4,500	4,900	226	1,107
Colorado.....	411,000	463,000	928	429,817	52,100	62,900	329	20,670
New Mexico.....	49,000	41,000	724	29,672	17,100	12,000	383	4,598
Arizona.....	98,700	86,600	873	75,578	18,000	15,700	388	6,096
Utah.....	125,000	121,900	906	110,414	25,500	31,100	289	8,989
Nevada.....	41,000	44,400	1,030	45,752	13,700	15,500	339	5,248
Washington.....	363,000	351,000	932	327,222	75,700	94,300	283	26,678
Oregon.....	215,000	229,000	940	215,173	81,200	76,400	260	19,902
California.....	1,685,000	1,686,000	981	1,653,388	643,000	740,000	246	181,884
United States.....	18,881,000	21,533,000	898	19,325,906	11,410,000	13,013,000	209	2,719,697

<sup>1</sup> Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter.

<sup>2</sup> Comparable data for 1946 not available by States.

<sup>3</sup> Includes the District of Columbia.

Bureau of Agricultural Economics.

TABLE 435.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers per 100 pounds (live weight) 1938-47<sup>1</sup>

Year	Cattle			Calves			Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds		Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	Thousands	Lb.	Dollars	Thousands	Lb.	Dollars		Thousands	Lb.	Dollars	Thousands	Lb.	Dollars
1938.....	9,776	921	7.06	5,492	189	7.83	1943.....	11,727	955	12.22	5,209	207	12.28
1939.....	9,446	943	7.67	5,264	191	8.35	1944.....	13,960	924	11.08	7,770	218	11.59
1940.....	9,756	940	7.95	5,359	191	8.52	1945.....	14,538	948	12.41	7,020	214	12.40
1941.....	10,946	961	9.14	5,461	196	10.12	1946.....	11,413	943	14.66	5,842	199	14.39
1942.....	12,347	954	10.98	5,760	208	12.07	1947.....	15,524	928	18.88	7,933	209	19.59

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act beginning 1942 and in plants operating under limited inspection.

Production and Marketing Administration. Data for 1931-37 in Agricultural Statistics, 1941, tables 476 and 477.

In recent years the carcass weight of cattle has averaged about 52 percent of the live weight and for calves about 55 percent of the live weight.

TABLE 436.—Cattle and calves: Average price per 100 pounds at Chicago, 1938-47

Year	Beef steers <sup>1</sup>					Cows <sup>2</sup>	Veal calves <sup>2</sup>
	Choice and prime	Good	Medium	Common	All grades	Good	Good and choice
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	10.71	9.14	7.88	6.77	9.39	6.73	9.52
1939.....	10.48	9.81	8.77	7.51	9.75	7.10	10.07
1940.....	11.86	10.48	8.84	7.51	10.43	7.22	10.61
1941.....	12.23	11.36	10.02	8.64	11.33	8.44	12.18
1942.....	15.19	13.90	12.22	10.40	13.79	10.90	14.48
1943.....	16.23	15.34	14.01	11.66	15.30	12.98	15.18
1944.....	17.05	15.73	13.87	11.25	15.44	13.21	14.86
1945.....	17.30	16.00	14.12	11.73	16.18	14.01	15.12
1946.....	20.24	19.32	17.36	13.75	19.16	15.04	16.87
1947.....	30.64	26.22	21.76	18.04	25.83	18.48	24.98

<sup>1</sup> Weighted average prices of beef steers, sold out of first hands for slaughter, western steers not included.

<sup>2</sup> Based on the mean of daily range of quotations released by the livestock reporting service.

Production and Marketing Administration. Data for 1931-37 in Agricultural Statistics, 1941, table 469.

TABLE 437.—Cattle (steers): Average price per 100 pounds in Argentina and Canada, 1938-47

Item	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Argentine special, for chilling, at Liniers market, near Buenos Aires.....	Dol. 4.07	Dol. 3.79	Dol. 3.64	Dol. 3.86	Dol. 4.99	Dol. 5.01	Dol. 5.09	Dol. 5.12	Dol. (?)	Dol. (?)
Canadian at Winnipeg:										
Over 1,050 pounds, Choice.....	6.04	6.59	6.95	8.03	9.44	10.72	10.78	11.30	12.53	<sup>1</sup> 14.90
Up to 1,050 pounds, Good.....	5.22	5.98	6.33	7.48	8.82	10.09	10.17	10.44	11.47	13.60

<sup>1</sup> 9 months' average.<sup>2</sup> Not available.

Bureau of Agricultural Economics. Prices converted to United States dollars at current rate of exchange.

TABLE 438.—Steer beef, dressed: Wholesale price per 100 pounds, carcass weight, Chicago and New York, 1938-47<sup>1</sup>

Year	Chicago			New York			Year	Chicago			New York		
	Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>3</sup>	Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>3</sup>		Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>3</sup>	Choice <sup>2</sup>	Good <sup>2</sup>	Commercial <sup>3</sup>
1938.....	15.83	14.39	13.12	16.59	15.20	13.57	1943....	21.62	20.62	18.65	22.66	21.66	19.66
1939.....	16.94	15.46	14.13	17.47	16.18	14.51	1944....	20.88	19.88	17.88	21.90	20.90	18.90
1940.....	17.67	16.11	14.34	18.75	17.05	15.02	1945....	20.88	19.88	17.88	22.00	21.00	19.00
1941.....	18.52	17.18	15.72	19.40	18.21	16.16	1946....	29.98	27.81	23.16	31.38	29.31	24.81
1942.....	21.30	19.98	18.28	22.59	21.44	19.47	1947....	44.28	41.46	35.70	44.63	42.02	36.74

<sup>1</sup> These average prices are based on the mean of daily range of quotations.<sup>2</sup> Carcass weights 500-600 pounds.<sup>3</sup> Carcass weights 400-600 pounds. The grade "Commercial" was designated as "Medium" prior to August 1939.

Production and Marketing Administration. Data for 1931-37 in Agricultural Statistics, 1941, tables 471 and 472.

TABLE 439.—Hogs, including pigs: Number and value on farms, Jan. 1, and pig crop, United States, 1930-48

Year	Hogs on farms				Pig crop <sup>1</sup>				
	Number Jan. 1	Farm value		Sows farrowing		Pigs saved			
		Per head	Total	Spring	Fall	Spring	Fall	Total	
	Thous- ands	Dollars	1,000 dollars	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	
1930 <sup>2</sup>	<i>32,794</i>								
1930	55,705	13.45	749,481	8,278	4,073	49,332	24,803	74,135	
1931	54,835	11.35	622,239	8,969	4,797	53,984	29,192	83,176	
1932	59,301	6.13	363,315	8,810	5,179	51,031	31,494	82,525	
1933	62,127	4.21	261,730	9,122	5,207	53,460	30,740	84,200	
1934	58,621	4.09	239,541	6,825	2,936	39,698	17,068	56,766	
1935 <sup>2</sup>	<i>37,213</i>								
1935	39,066	6.31	246,580	5,467	3,857	32,884	23,260	56,144	
1936	42,975	12.71	546,180	6,954	3,957	41,422	24,303	65,725	
1937	43,083	11.89	512,072	6,177	3,845	38,525	23,994	62,519	
1938	44,525	11.26	501,462	6,795	4,517	43,289	28,566	71,855	
1939	50,012	11.18	559,274	8,692	5,352	53,238	33,714	86,952	
1940 <sup>2</sup>	<i>34,037</i>								
1940	61,165	7.78	475,866	8,247	4,763	49,584	30,282	79,866	
1941	54,353	8.34	453,081	7,760	5,535	49,368	35,584	84,952	
1942	60,607	15.60	944,907	9,684	6,840	61,093	43,810	104,903	
1943	73,887	22.50	1,662,381	12,174	7,565	74,223	47,584	121,807	
1944	83,741	17.50	1,466,666	9,246	4,882	55,754	30,905	86,659	
1945 <sup>2</sup>	<i>46,735</i>								
1945	59,331	20.60	1,223,629	8,298	5,426	52,189	34,593	86,782	
1946	61,301	23.90	1,468,123	8,109	4,713	52,392	30,548	82,940	
1947	56,921	36.00	2,049,066	8,652	4,908	52,502	31,352	84,154	
1948 <sup>3</sup>	55,038	42.80	2,355,609						

<sup>1</sup> Pigs raised to weaning age or living on June 1 or Dec. 1, respectively.

<sup>2</sup> Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; April 1, 1940; Jan. 1, 1945. 1930 and 1940 figures exclude spring-born pigs.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for hogs on farms, 1900-29, in Agricultural Statistics, 1942, table 508; for pig crop, 1924-29, table 509.

TABLE 440.—Hogs by classes: Number on farms, Jan. 1, 1930-48, and number on farms 6 months old and over on June 1, 1935-47

Year	Under 6 months	6 months old and over		Total	Hogs 6 months old and over, June 1	Year	Under 6 months	6 months old and over		Total	Hogs 6 months old and over, June 1
		Sows and gilts	Other					Sows and gilts	Other		
	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands		Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands
1930	24,685	9,640	21,380	55,705		1940	30,044	9,413	21,708	61,165	27,168
1931	24,338	9,776	20,721	54,835		1941	26,328	8,565	19,460	54,353	24,647
1932	27,340	9,768	22,193	59,301		1942	31,090	10,699	18,818	60,607	28,841
1933	29,719	9,975	22,433	62,127		1943	38,401	13,334	22,146	73,881	36,257
1934	27,581	8,654	22,386	58,621		1944	42,337	10,825	30,579	83,741	34,500
1935	15,425	6,078	17,563	39,066	19,228	1945	27,212	9,223	22,896	59,331	25,566
1936	20,024	7,714	15,237	42,975	20,774	1946	30,035	9,411	21,855	61,301	22,959
1937	21,234	7,104	14,745	43,083	20,153	1947	26,800	9,616	20,505	56,921	24,220
1938	21,025	7,560	15,940	44,925	20,193	1948 <sup>1</sup>	27,283	8,690	19,065	55,038	-----
1939	25,111	9,460	15,441	50,012	24,314						

<sup>1</sup> Preliminary.

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TABLE 441.—Hogs, including pigs: Number on farms, farm value per head, and total value, by States, Jan. 1, average 1937-46, annual 1947 and 1948

State and division	Number			Farm value					
	Average 1937-46	1947	1948 <sup>1</sup>	Value per head			Total value		
				Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	52	41	41	13.80	30.30	30.30	728	1,242	1,242
New Hampshire.....	21	18	16	14.60	30.80	33.10	315	554	530
Vermont.....	30	22	22	12.90	30.00	30.00	381	660	660
Massachusetts.....	105	93	91	14.80	34.00	36.90	1,576	3,162	3,358
Rhode Island.....	9	10	10	16.50	37.50	39.10	158	375	391
Connecticut.....	33	36	34	15.20	34.00	35.30	523	1,224	1,200
New York.....	294	235	221	14.30	30.70	34.30	4,255	7,214	7,580
New Jersey.....	105	81	81	15.50	31.30	36.00	1,642	2,535	2,916
Pennsylvania.....	781	718	711	14.50	31.40	38.20	11,376	22,545	27,160
North Atlantic.....	1,430	1,254	1,227	14.50	31.50	36.70	20,953	39,511	45,037
Ohio.....	3,191	3,118	3,024	13.60	30.10	35.20	43,799	93,852	106,445
Indiana.....	3,985	4,115	3,992	14.70	33.40	41.60	59,975	137,441	166,067
Illinois.....	5,616	5,893	5,657	17.30	39.20	46.70	100,927	231,006	264,182
Michigan.....	985	854	752	14.40	32.70	39.10	14,435	27,926	29,403
Wisconsin.....	1,782	1,605	1,557	16.00	39.20	47.60	29,478	62,916	74,113
East North Central.....	15,560	15,585	14,982	15.50	35.50	42.70	248,614	553,141	640,210
Minnesota.....	3,685	3,347	3,113	18.80	46.20	55.70	73,100*	154,631	173,394
Iowa.....	10,252	10,689	9,941	19.30	47.20	55.80	208,505	504,521	554,708
Missouri.....	3,778	3,605	3,533	13.50	33.40	38.30	52,977	120,407	135,314
North Dakota.....	571	484	392	18.80	45.60	57.80	12,113	22,070	22,658
South Dakota.....	1,422	1,757	1,599	19.40	49.90	61.40	31,190	87,674	98,179
Nebraska.....	2,510	2,503	2,403	18.30	42.70	55.10	50,189	106,878	132,405
Kansas.....	1,480	1,176	1,094	13.70	33.30	40.40	21,499	39,161	44,198
West North Central.....	23,698	23,561	22,075	17.90	43.90	52.60	449,573	1,035,342	1,160,856
North Central.....	39,258	39,146	37,057	17.00	40.60	48.60	698,187	1,588,483	1,801,066
Delaware.....	38	34	39	12.40	26.20	32.10	472	891	1,252
Maryland.....	244	237	254	11.30	25.00	30.90	2,801	5,925	7,849
Virginia.....	754	745	790	11.10	25.60	28.50	8,497	19,072	22,515
West Virginia.....	258	276	295	11.20	26.40	27.90	2,971	7,286	8,230
North Carolina.....	1,198	1,103	1,191	12.70	28.30	30.40	15,189	31,215	36,206
South Carolina.....	647	660	713	10.80	25.10	25.70	7,095	16,566	18,324
Georgia.....	1,683	1,688	1,654	9.77	21.50	24.30	16,610	36,292	40,192
Florida.....	628	630	640	7.88	16.20	23.40	5,084	10,206	14,976
South Atlantic.....	5,449	5,373	5,576	10.60	23.70	26.80	58,718	127,453	149,544
Kentucky.....	1,406	1,414	1,499	11.40	30.30	35.30	16,530	42,844	52,915
Tennessee.....	1,309	1,270	1,308	11.30	27.10	31.60	14,950	34,417	41,333
Alabama.....	1,191	1,159	1,113	10.30	22.20	25.70	12,323	25,730	28,604
Mississippi.....	1,106	1,069	1,016	9.69	20.30	24.60	10,768	21,701	24,994
Arkansas.....	1,205	1,037	985	9.18	22.20	27.10	11,025	23,021	26,694
Louisiana.....	882	739	724	8.64	17.50	21.70	7,574	12,932	15,711
Oklahoma.....	1,044	731	731	10.20	24.20	31.20	10,836	17,690	22,807
Texas.....	2,114	1,736	1,753	11.10	25.60	31.80	24,011	44,442	55,745
South Central.....	10,256	9,155	9,129	10.40	24.30	29.40	108,018	222,777	268,803
Montana.....	208	204	194	15.20	36.60	45.00	3,465	7,466	8,730
Idaho.....	398	200	206	14.40	36.40	45.20	5,616	7,280	9,311
Wyoming.....	87	70	80	15.00	33.30	39.80	1,344	2,331	3,184
Colorado.....	401	276	304	13.50	35.40	43.60	5,687	9,770	13,254
New Mexico.....	105	67	60	12.60	32.10	35.90	1,357	2,151	2,154
Arizona.....	48	30	32	14.90	30.60	38.30	722	918	1,226
Utah.....	115	77	79	12.70	26.80	40.20	1,432	2,064	3,176
Nevada.....	25	23	25	15.00	30.80	45.40	390	708	1,135
Washington.....	282	160	158	14.50	37.30	44.80	4,083	5,968	7,078
Oregon.....	276	161	164	13.60	33.30	39.20	3,696	5,361	6,429
California.....	861	725	747	15.10	37.00	47.50	13,029	26,825	35,482
Western.....	2,807	1,993	2,049	14.30	35.50	44.50	40,872	70,842	91,159
United States.....	59,200	56,921	55,038	15.10	36.00	42.80	926,746	2,049,066	2,355,609

<sup>1</sup> Preliminary.

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TABLE 442.—Pig crop, by States, 1946 and 1947

State and division	Sows farrowing				Pigs saved					
	1946		1947 <sup>1</sup>		1946			1947 <sup>1</sup>		
	Spring	Fall	Spring	Fall	Spring	Fall	Total	Spring	Fall	Total
Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	5	4	6	4	35	30	65	39	31	70
New Hampshire.....	2	2	2	1	13	11	24	14	9	23
Vermont.....	3	2	4	2	23	15	38	23	15	38
Massachusetts.....	13	8	13	8	74	46	120	65	47	112
Rhode Island.....	1	1	1	1	6	5	11	6	5	11
Connecticut.....	5	4	4	4	33	23	56	27	24	51
New York.....	27	20	32	21	200	144	344	227	153	380
New Jersey.....	12	8	14	8	83	51	134	92	55	147
Pennsylvania.....	76	71	81	70	517	483	1,000	526	483	1,009
North Atlantic.....	144	120	157	119	984	808	1,792	1,019	822	1,841
Ohio.....	400	335	428	342	2,760	2,325	5,085	2,731	2,302	5,033
Indiana.....	528	464	570	473	3,596	3,072	6,668	3,500	3,084	6,584
Illinois.....	834	488	909	527	5,438	3,231	8,669	5,436	3,373	8,809
Michigan.....	117	84	110	77	807	581	1,388	705	520	1,225
Wisconsin.....	290	144	296	147	1,958	985	2,943	1,906	979	2,885
East North Central.....	2,169	1,515	2,313	1,566	14,559	10,194	24,753	14,278	10,258	24,536
Minnesota.....	609	192	694	209	3,958	1,250	5,208	4,213	1,294	5,507
Iowa.....	1,768	622	1,962	659	11,633	4,111	15,744	12,027	4,132	16,159
Missouri.....	418	357	481	375	2,922	2,438	5,360	3,045	2,520	5,565
North Dakota.....	120	15	108	14	798	97	895	687	89	776
South Dakota.....	337	43	364	45	2,116	271	2,387	2,115	276	2,391
Nebraska.....	459	118	487	130	2,823	740	3,563	2,864	788	3,652
Kansas.....	165	99	170	101	1,074	667	1,741	1,080	661	1,741
West North Central.....	3,876	1,446	4,266	1,534	25,324	9,574	34,898	26,031	9,760	35,791
North Central.....	6,045	2,961	6,579	3,100	39,883	19,768	59,651	40,309	20,018	60,327
Delaware.....	3	4	3	4	19	23	42	20	27	47
Maryland.....	27	26	30	27	181	172	353	198	184	382
Virginia.....	82	84	84	85	525	580	1,105	538	561	1,099
West Virginia.....	23	25	24	26	163	178	341	163	185	348
North Carolina.....	126	100	134	109	781	640	1,421	831	698	1,529
South Carolina.....	80	81	93	86	464	456	920	530	507	1,037
Georgia.....	195	182	197	178	1,131	1,092	2,223	1,162	1,068	2,230
Florida.....	103	87	105	84	515	426	941	514	445	959
South Atlantic.....	639	589	670	599	3,779	3,597	7,376	3,956	3,675	7,631
Kentucky.....	134	120	155	140	884	816	1,700	976	938	1,914
Tennessee.....	129	126	133	134	813	832	1,645	838	898	1,736
Alabama.....	120	114	115	103	720	673	1,393	702	639	1,341
Mississippi.....	111	95	103	86	588	522	1,110	566	464	1,030
Arkansas.....	116	98	109	89	661	608	1,269	654	552	1,206
Louisiana.....	122	89	112	92	634	445	1,079	582	488	1,070
Oklahoma.....	99	81	90	85	634	510	1,144	558	561	1,119
Texas.....	196	160	186	179	1,196	976	2,172	1,116	1,128	2,244
South Central.....	1,027	883	1,003	908	6,130	5,382	11,512	5,992	5,668	11,660
Montana.....	29	17	25	16	194	107	301	160	107	267
Idaho.....	28	15	26	20	182	99	281	178	128	306
Wyoming.....	11	7	12	9	69	44	113	78	55	133
Colorado.....	40	21	37	26	248	124	372	226	169	395
New Mexico.....	11	5	9	6	65	29	94	50	37	87
Arizona.....	3	2	3	3	20	12	32	20	15	35
Utah.....	13	8	13	9	83	49	132	78	60	138
Nevada.....	3	2	3	2	17	10	27	19	11	30
Washington.....	24	14	21	15	168	101	269	136	110	246
Oregon.....	26	15	25	17	174	105	279	175	117	292
California.....	66	54	70	59	396	313	709	406	360	766
Western.....	254	160	243	182	1,616	993	2,609	1,526	1,169	2,695
	8,109	4,713	8,652	4,908	52,392	30,548	82,940	52,902	31,852	84,154

<sup>1</sup> Preliminary.

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TABLE 443.—Hogs: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
<b>North America:</b>								
Canada	Dec. 1 <sup>1</sup>	<sup>3</sup> 3,906	4,078	7,751	9,473	7,636	5,853	5,972
El Salvador	July	355	559	417	503	-----	-----	283
Guatemala	do	102	213	290	240	-----	-----	-----
Honduras	do	<sup>3</sup> 384	235	-----	258	318	-----	-----
Mexico	June	<sup>4</sup> 3,698	<sup>3</sup> 4,965	-----	<sup>5</sup> 6,000	-----	-----	-----
Nicaragua	-----	<sup>4</sup> 400	<sup>3</sup> 250	-----	225	-----	-----	-----
United States	Jan. 1	54,790	48,352	73,881	83,741	59,331	61,301	56,921
Cuba	Dec. 31 <sup>1</sup>	794	<sup>3</sup> 904	853	-----	-----	<sup>6</sup> 1,620	-----
Estimated total	-----	66,200	61,300	-----	103,200	76,600	76,900	72,700
<b>Europe:</b>								
Austria	Dec. 1 <sup>1</sup>	<sup>4</sup> 72,823	<sup>3</sup> 2,849	1,772	1,872	1,697	<sup>8</sup> 1,030	<sup>8</sup> 1,490
Belgium	Jan. 1 <sup>1</sup>	<sup>1</sup> 1,268	<sup>1</sup> 1,005	<sup>8</sup> 526	<sup>8</sup> 485	<sup>8</sup> 635	<sup>8</sup> 735	<sup>8</sup> 776
Bulgaria <sup>9</sup>	Dec. 31 <sup>1</sup>	<sup>10</sup> 902	<sup>3</sup> 833	1,077	700	800	800	870
Czechoslovakia <sup>11</sup>	do	-----	<sup>3</sup> 3,174	2,933	3,256	3,097	2,362	2,940
Denmark	Jan.	4,316	2,997	1,605	2,291	<sup>1</sup> 1,819	<sup>1</sup> 1,777	<sup>121</sup> 687
Eire	June	1,064	978	434	381	426	479	457
Finland	Mar. 1	<sup>13</sup> 460	<sup>13</sup> 485	263	364	229	254	325
France	Fall <sup>1</sup>	6,606	7,034	<sup>8</sup> 4,819	<sup>8</sup> 4,204	<sup>8</sup> 4,080	<sup>8</sup> 4,386	5,335
Germany <sup>14</sup>	Dec. 1 <sup>1</sup>	-----	<sup>15</sup> 18,721	11,889	13,029	-----	<sup>8</sup> 7,136	<sup>8</sup> 8,453
Greece	Dec. 31 <sup>1</sup>	464	<sup>3</sup> 532	-----	-----	300	330	400
Hungary	Spring	2,531	3,620	3,722	4,099	<sup>8</sup> 1,114	<sup>8</sup> 1,327	2,106
Italy	July	<sup>4</sup> 3,262	<sup>7</sup> 3,095	-----	-----	3,036	3,000	3,200
Luxembourg	Dec. 1 <sup>1</sup>	156	148	90	100	60	88	-----
Netherlands	May	<sup>3</sup> 2,079	1,493	545	<sup>5</sup> 560	769	1,040	855
Norway	June 20	400	393	180	225	200	257	275
Poland <sup>15</sup>	June 30	-----	<sup>4</sup> 9,794	-----	-----	-----	4,000	-----
Portugal	Dec. 31 <sup>1</sup>	<sup>10</sup> 1,206	<sup>10</sup> 1,206	-----	1,200	1,100	-----	-----
Rumania <sup>16</sup>	do	<sup>17</sup> 2,431	<sup>17</sup> 2,431	-----	-----	1,100	1,336	-----
Spain	do	<sup>3</sup> 5,097	<sup>4</sup> 4,944	4,974	-----	5,000	4,676	-----
Sweden	Summer	1,492	1,292	989	1,054	1,079	1,166	1,188
Switzerland	April	971	915	629	600	698	654	710
United Kingdom	June	3,739	4,380	1,829	1,867	2,152	1,959	1,628
Yugoslavia	Dec. 31 <sup>1</sup>	2,874	3,238	-----	-----	-----	-----	-----
Estimated total	-----	<sup>18</sup> 79,900	75,600	-----	51,900	48,100	42,900	48,600
U.S.S.R. <sup>15</sup>	Winter	-----	<sup>4</sup> 32,300	-----	-----	-----	10,400	8,600
<b>Asia:</b>								
British Malaya	-----	447	746	-----	-----	-----	-----	-----
Burma	Dec. 31 <sup>1</sup>	490	538	-----	553	-----	-----	-----
China <sup>19</sup>	May	<sup>3</sup> 76,000	63,000	-----	56,000	55,000	54,500	59,000
India	Dec. 31 <sup>1</sup>	-----	2,777	-----	-----	-----	-----	-----
Japan	do	776	958	391	310	-----	-----	88
Formosa	do	1,777	1,803	1,358	1,257	-----	1,086	-----
Korea	do	1,242	<sup>3</sup> 1,605	-----	-----	-----	-----	-----
Netherland Indies	do	1,260	<sup>4</sup> 1,131	-----	-----	-----	-----	-----
Philippine Islands	Jan. 1	-----	<sup>21</sup> 4,349	-----	-----	-----	-----	4,000
Estimated total	-----	92,300	82,800	-----	70,300	68,300	68,400	73,600
<b>South America:</b>								
Argentina	July	<sup>4</sup> 3,769	<sup>3</sup> 3,674	6,800	8,800	8,010	4,000	2,500
Brazil	-----	<sup>3</sup> 22,640	<sup>3</sup> 23,224	-----	-----	24,343	23,815	24,000
Chile	June	<sup>4</sup> 331	<sup>3</sup> 420	-----	452	-----	-----	-----
Colombia	Dec. 31 <sup>1</sup>	<sup>3</sup> 1,589	<sup>3</sup> 1,572	-----	-----	-----	2,500	-----
Ecuador	-----	<sup>3</sup> 200	<sup>3</sup> 350	836	-----	-----	600	-----
Peru	-----	<sup>22</sup> 800	<sup>22</sup> 800	863	-----	-----	650	752
Uruguay	April	<sup>4</sup> 308	<sup>3</sup> 373	-----	1,261	-----	-----	-----
Estimated total	-----	30,600	31,300	-----	39,200	38,000	33,800	32,500
<b>Africa:</b>								
Algeria	Mar. 1	70	58	154	135	95	-----	-----
Nyasaland	-----	70	65	55	50	48	54	-----
French Morocco <sup>23</sup>	Dec. 31 <sup>1</sup>	94	64	175	146	95	-----	-----
Madagascar <sup>23</sup>	do	478	578	561	534	449	421	396
Mozambique	do	87	70	51	52	61	55	-----
Northern Rhodesia	do	34	29	35	38	46	54	-----
Angola	-----	318	355	227	230	256	-----	-----
Southern Rhodesia	Dec. 31 <sup>1</sup>	76	115	150	150	146	134	134
Tunisia	do	22	24	29	25	23	23	21
Union of South Africa	August	908	<sup>4</sup> 1,007	1,174	1,200	1,100	1,107	1,150
Estimated total	-----	2,900	3,300	-----	3,600	3,400	3,300	3,400

See footnotes at end of table.

TABLE 443.—Hogs: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47—Continued

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
		Thou- sands	Thou- sands					
Oceania:								
Australia.....	Mar. 1.....	<sup>1</sup> 1,121	<sup>1</sup> 1,242	1,563	1,747	1,631	1,426	1,273
New Zealand.....	Jan. 31.....	601	753	612	581	601	555	550
Estimated total.....		1,900	2,100	-----	2,500	2,400	2,200	2,000
Estimated world total.....		287,000	288,700	-----	278,900	245,800	237,900	241,400

<sup>1</sup> End of year estimates (October to December) included under following year for comparisons and totals. Thus for Canada the December 1942 estimate of 7,751,000 is shown under 1943. <sup>2</sup> Preliminary. <sup>3</sup> Average for 2 to 4 years only. <sup>4</sup> Census or estimate for single year. <sup>5</sup> Unofficial estimate. <sup>6</sup> Census July 1, 1946. <sup>7</sup> March. <sup>8</sup> Official statistics; may be an under-estimate of actual numbers. <sup>9</sup> Includes Southern Dobrudja, beginning 1943. Years 1944-45 adjusted to make comparable series. <sup>10</sup> Census December 1934. <sup>11</sup> Present territory, excludes Sub-Carpathian Russia. <sup>12</sup> Includes also number of hogs in parishes and boroughs, which totaled 27,000 head in 1947. <sup>13</sup> September. <sup>14</sup> Totals for 4 zones of occupation. <sup>15</sup> Present territory. <sup>16</sup> Present territory—excludes Southern Dobrudja. <sup>17</sup> Average for years 1930-39. <sup>18</sup> Not strictly comparable with later years, due to territorial changes. <sup>19</sup> Includes China Proper (22 provinces), Manchuria, Jehol, and Sinkiang (Turkestan). <sup>20</sup> Census 1940. <sup>21</sup> Census, Jan. 1, 1939. <sup>22</sup> Year 1934. <sup>23</sup> Number taxed only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of the United States foreign service officers, and other information. Data relate to prewar boundaries, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

TABLE 444.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1930-47

Year	Mar- ket- ings <sup>1</sup>	Shipped in for feeding and breed- ing <sup>2</sup>	Farm slaugh- ter	Quantity pro- duced (live weight) <sup>3</sup>	Value of produc- tion <sup>3</sup>	Cash re- ceipts from sales of hogs, pork, and lard <sup>4</sup>	Gross in- come <sup>4</sup>	Value of hogs slaugh- tered for home con- sump- tion	Cost of hogs shipped in for feeding and breed- ing <sup>2</sup>	Annual average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars <sup>5</sup>
1930.....	53,796	477	13,540	15,175,728	1,340,302	1,135,500	1,368,718	233,218	5,500	8.84
1931.....	55,972	1,366	14,338	16,541,384	966,570	774,228	949,769	175,541	10,944	5.73
1932.....	55,844	477	15,580	16,367,644	561,989	444,592	557,181	112,589	2,623	3.34
1933 <sup>6</sup> .....	65,661	1,454	15,244	16,566,123	602,150	523,866	631,490	107,624	7,741	3.53
1934.....	55,750	1,237	15,110	12,384,760	520,147	520,339	645,692	125,353	8,044	4.14
1935.....	32,749	481	13,348	10,672,796	906,973	681,804	889,995	208,191	5,293	8.65
1936.....	44,809	639	14,295	12,975,986	1,196,314	991,086	1,234,161	243,075	6,903	9.37
1937.....	40,665	367	13,333	12,506,271	1,176,449	924,965	1,160,907	235,942	4,007	9.50
1938.....	45,089	516	13,325	14,372,173	1,105,438	870,207	1,065,179	194,972	4,724	7.74
1939.....	52,906	637	13,980	17,078,849	1,066,050	809,615	980,796	171,091	4,892	6.23
1940.....	64,262	607	14,155	17,044,404	919,927	835,618	984,165	148,547	4,233	5.39
1941.....	57,695	741	12,789	17,489,485	1,576,855	1,302,404	1,518,199	215,795	7,621	9.09
1942.....	67,423	600	12,533	21,105,133	2,734,255	2,198,015	2,507,430	309,415	8,642	13.00
1943.....	83,187	771	14,016	25,374,715	3,466,520	2,929,215	3,302,012	372,797	11,645	13.70
1944.....	86,331	658	13,551	20,582,873	2,674,178	2,801,256	3,133,891	332,635	9,397	13.10
1945.....	60,959	464	13,631	19,095,526	2,672,024	2,297,202	2,673,956	376,754	7,144	14.00
1946.....	64,370	464	13,850	19,041,127	3,321,243	2,961,234	3,449,346	488,112	8,794	17.50
1947 <sup>6</sup> .....	63,501	497	12,783	18,654,437	4,474,190	4,004,012	4,633,905	629,893	12,815	24.10

<sup>1</sup> Excludes interfarm sales.

<sup>2</sup> Includes hogs shipped in from other States and from central markets but excludes intrastate shipments.

<sup>3</sup> Adjustments were made for hogs shipped in and changes in inventory.

<sup>4</sup> No adjustments made for cost of hogs shipped in and changes in inventory values. Gross income is "Cash income from sales of hogs, pork, and lard" plus "Value of hogs slaughtered for home consumption."

<sup>5</sup> Includes Government purchases.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 in Agricultural Statistics, 1942, table 514.

TABLE 445.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1946

State and division	Marketings <sup>(1)</sup>	Shipped in for feeding and breeding <sup>2</sup>	Farm slaughter	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>3</sup>	Cash receipts from sales of hogs, pork, and lard <sup>4</sup>	Gross income <sup>4</sup>	Value of hogs slaughtered for home consumption	Cost of hogs shipped in for feeding and breeding <sup>2</sup>
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	25	30	30	14,660	2,331	1,787	2,495	708	-----
New Hampshire.....	8	13	13	5,165	832	613	933	320	-----
Vermont.....	13	21	21	8,430	1,298	925	1,410	485	-----
Massachusetts.....	77	4	30	25,610	4,098	3,811	4,560	749	70
Rhode Island.....	8	3	3	2,700	432	388	463	75	-----
Connecticut.....	34	1	17	12,285	1,990	1,668	2,115	447	18
New York.....	143	4	205	79,530	13,202	9,240	14,770	5,530	72
New Jersey.....	130	30	30	31,962	5,529	5,693	6,441	7,748	677
Pennsylvania.....	488	1	420	224,424	40,845	29,687	42,854	13,167	20
North Atlantic.....	926	40	769	404,766	70,557	53,812	76,041	22,229	857
Ohio.....	4,207	8	450	1,118,450	205,795	189,049	207,778	18,729	167
Indiana.....	5,661	16	415	1,521,890	280,028	261,861	279,042	17,181	334
Illinois.....	7,613	60	500	2,060,076	366,694	357,082	377,508	20,426	1,274
Michigan.....	1,086	18	255	317,480	57,464	53,150	60,904	7,754	353
Wisconsin.....	2,428	4	410	75,495	121,587	115,781	128,445	12,664	78
East North Central.....	20,995	106	2,030	5,693,391	1,031,570	976,923	1,053,677	76,754	2,206
Minnesota.....	5,079	16	430	1,324,223	229,091	230,610	246,344	15,734	301
Iowa.....	14,574	45	540	3,936,197	688,834	648,938	707,382	22,444	855
Missouri.....	4,344	34	630	1,190,466	209,522	188,601	215,700	27,099	584
North Dakota.....	730	3	230	210,658	35,812	32,491	40,061	7,570	50
South Dakota.....	2,253	8	132	598,325	100,519	100,711	105,978	5,267	132
Nebraska.....	3,642	9	230	931,849	155,619	163,110	172,498	9,388	164
Kansas.....	1,666	21	230	437,826	73,555	70,912	80,255	9,343	384
West North Central.....	32,288	136	2,422	8,629,544	1,492,952	1,471,373	1,568,218	96,845	2,470
North Central.....	53,283	242	4,452	14,322,935	2,524,522	2,448,296	2,621,895	173,599	4,676
Delaware.....	17	1	21	8,615	1,473	910	1,570	660	19
Maryland.....	203	-----	128	76,285	13,655	9,600	14,366	4,766	-----
Virginia.....	372	7	580	240,155	42,267	22,179	43,820	21,641	134
West Virginia.....	88	-----	210	77,756	13,063	5,968	13,447	7,479	-----
North Carolina.....	279	10	880	294,418	49,168	20,527	49,919	29,392	164
South Carolina.....	419	6	385	190,152	32,706	18,169	33,069	14,900	101
Georgia.....	678	6	930	357,425	61,835	29,987	60,074	30,087	102
Florida.....	472	1	255	119,405	18,866	15,363	19,312	3,949	16
South Atlantic.....	2,528	31	3,389	1,364,211	233,033	122,703	235,577	112,874	536
Kentucky.....	932	8	605	385,211	67,027	41,987	67,926	25,939	136
Tennessee.....	743	10	630	359,802	62,606	35,584	61,981	26,397	208
Alabama.....	485	2	650	257,019	42,408	22,314	43,282	20,968	43
Mississippi.....	217	2	675	200,160	30,424	11,402	30,588	19,186	40
Arkansas.....	566	2	445	233,568	36,670	22,658	36,613	13,955	34
Louisiana.....	535	3	385	161,083	24,485	17,946	26,139	8,193	75
Oklahoma.....	883	32	380	271,779	45,931	37,074	51,767	14,693	530
Texas.....	1,162	26	900	473,266	76,669	50,109	82,331	32,222	437
South Central.....	5,523	85	4,670	2,341,888	386,220	239,074	400,627	161,553	1,503
Montana.....	224	4	86	72,440	12,025	10,187	12,928	2,741	72
Idaho.....	245	-----	56	66,727	11,344	10,478	12,501	2,023	-----
Wyoming.....	79	2	31	26,060	4,065	3,275	4,247	972	34
Colorado.....	288	1	80	92,904	15,329	12,771	15,688	2,917	18
New Mexico.....	70	-----	40	21,407	3,532	2,991	4,258	1,267	-----
Arizona.....	26	-----	11	7,386	1,315	1,287	1,579	292	-----
Utah.....	101	4	34	30,459	5,092	4,535	5,489	954	73
Nevada.....	18	-----	9	5,508	975	838	1,089	251	-----
Washington.....	215	24	92	68,050	12,521	11,415	14,056	2,641	478
Oregon.....	242	11	66	67,821	12,343	12,233	13,891	1,658	217
California.....	602	20	65	148,535	28,370	27,339	29,480	2,141	330
Western.....	2,110	66	570	607,327	106,911	97,349	115,206	17,857	1,222
United States.....	64,370	464	13,850	19,041,127	3,321,243	2,961,234	3,449,346	488,112	8,794

Footnotes 1, 2, 3, and 4 are the same as those in table 444.

Bureau of Agricultural Economics.

TABLE 446.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1947 (preliminary)

State and division	Marketings <sup>1</sup>	Shipped in for feeding and breeding <sup>2</sup>	Farm slaughter	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>3</sup>	Cash receipts from sales of hogs, pork, and lard <sup>4</sup>	Gross income <sup>4</sup>	Value of hogs slaughtered for home consumption	Cost of hogs shipped in for feeding and breeding <sup>2</sup>
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	24		31	14,800	3,300	2,612	3,600	988	
New Hampshire.....	9		11	5,120	1,132	902	1,288	386	
Vermont.....	10		22	8,250	1,798	1,217	1,980	763	
Massachusetts.....	63	1	28	22,700	5,062	4,356	5,368	1,012	24
Rhode Island.....	7		3	2,585	564	485	583	98	
Connecticut.....	31		16	10,820	2,402	2,040	2,594	554	
New York.....	141	1	215	81,300	18,943	13,140	21,117	7,977	25
New Jersey.....	128	32	33	30,135	7,413	7,669	8,838	1,169	1,002
Pennsylvania.....	505	2	400	213,823	53,456	40,233	56,808	16,575	53
North Atlantic.....	918	36	759	389,533	94,070	72,654	102,176	29,522	1,104
Ohio.....	4,141	9	425	1,033,348	259,370	241,992	265,658	23,666	251
Indiana.....	5,611	19	370	1,453,074	361,815	349,208	369,937	20,729	527
Illinois.....	7,489	54	480	2,010,238	488,488	479,505	506,274	26,769	1,553
Michigan.....	969	17	215	258,485	62,553	59,096	67,473	8,377	437
Wisconsin.....	2,258	5	360	647,960	156,806	144,423	160,453	16,030	128
East North Central.....	20,468	104	1,850	5,403,105	1,329,032	1,274,224	1,369,795	95,571	2,876
Minnesota.....	4,882	21	380	1,344,428	322,663	315,668	335,778	20,110	536
Iowa.....	14,708	61	470	3,967,717	944,317	957,321	983,888	26,567	1,543
Missouri.....	4,447	50	560	1,221,973	298,161	272,363	305,115	32,752	1,166
North Dakota.....	612	4	180	180,185	41,983	38,467	46,582	8,115	89
South Dakota.....	2,205	10	114	597,077	140,313	141,949	148,438	6,489	225
Nebraska.....	3,182	10	200	913,579	215,605	210,220	222,103	11,883	251
Kansas.....	1,482	24	190	400,330	99,682	93,639	105,202	11,563	634
West North Central.....	31,518	180	2,094	8,625,289	2,062,724	2,029,627	2,147,106	117,479	4,444
North Central.....	51,986	284	3,944	14,028,394	3,391,756	3,303,851	3,516,901	213,050	7,320
Delaware.....	15		20	8,645	1,962	1,077	1,895	818	
Maryland.....	203		113	68,655	16,889	11,407	16,856	5,449	
Virginia.....	364	2	550	231,364	55,990	27,858	56,608	28,750	51
West Virginia.....	88		220	77,039	18,181	7,687	18,524	10,837	
North Carolina.....	324	3	880	299,210	68,220	27,812	68,943	41,131	66
South Carolina.....	393	1	415	189,799	43,274	22,276	42,714	20,438	22
Georgia.....	955	1	910	381,105	86,511	49,956	89,462	39,506	22
Florida.....	445	1	250	111,742	23,354	18,530	24,017	5,487	20
South Atlantic.....	2,787	8	3,338	1,367,559	314,381	166,603	319,019	152,416	181
Kentucky.....	1,010	11	570	383,315	93,912	58,657	94,295	35,638	257
Tennessee.....	907	14	560	355,967	85,788	54,491	87,570	33,079	394
Alabama.....	622	1	580	260,495	56,006	32,562	58,531	25,969	28
Mississippi.....	337	2	620	205,985	43,669	19,890	45,889	25,999	54
Arkansas.....	656	3	405	231,505	51,626	35,832	53,872	18,040	71
Louisiana.....	546	1	340	161,460	33,422	25,206	35,059	9,853	33
Oklahoma.....	667	38	335	234,255	56,690	39,395	58,731	19,336	879
Texas.....	1,155	33	830	470,887	110,658	71,553	115,448	43,935	784
South Central.....	5,900	103	4,240	2,303,869	531,771	337,586	549,435	211,849	2,500
Montana.....	178	2	70	60,365	14,669	11,832	15,234	3,402	52
Idaho.....	214	1	50	62,705	15,802	13,291	16,076	2,785	27
Wyoming.....	85	1	29	27,723	6,709	5,255	6,607	1,352	26
Colorado.....	261	1	70	87,127	21,433	17,514	21,319	3,805	26
New Mexico.....	49		36	17,975	4,386	3,222	4,908	1,686	
Arizona.....	20		9	6,909	1,713	1,371	1,712	341	
Utah.....	95	2	26	27,903	6,473	5,572	6,628	1,056	49
Nevada.....	18		7	5,832	1,382	1,077	1,351	274	
Washington.....	171	25	84	55,984	14,612	12,779	16,199	3,420	690
Oregon.....	220	17	61	64,318	16,787	15,609	17,758	2,149	469
California.....	599	17	60	148,241	38,246	35,796	38,582	2,786	371
Western.....	1,910	66	502	565,082	142,212	123,318	146,374	23,056	1,710
United States.....	63,501	497	12,783	18,654,437	4,474,190	4,004,012	4,633,905	629,893	12,815

Footnotes 1, 2, 3, and 4 are the same as those in table 444.

Bureau of Agricultural Economics.

TABLE 447.—Hogs: Receipts at public stockyards and direct receipts at interior markets, 1938-47

TOTAL RECEIPTS<sup>1</sup>

Year	Receipts at public stockyards												Direct receipts in interior Iowa and southern Minnesota <sup>2</sup>
	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Louis Natl. Stock Yds.	South St. Joseph	South St. Paul	Sioux City	Total, 9 mar- kets <sup>3</sup>	All others report- ing	Total, 67 mar- kets re- porting <sup>2</sup>	
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938	4,188	290	279	376	1,214	2,412	675	2,017	1,037	12,488	12,313	24,801	7,207
1939	4,264	342	355	519	1,629	2,626	822	2,205	1,203	13,966	14,008	27,974	8,128
1940	5,385	568	447	720	2,062	3,265	1,131	2,960	1,710	18,248	16,308	34,556	10,135
1941	4,634	488	520	631	1,700	2,896	886	2,559	1,399	15,713	14,946	30,659	9,705
1942	5,338	685	697	711	2,218	2,982	1,057	3,114	1,629	18,431	15,984	34,415	11,108
1943	5,792	922	1,057	933	3,024	3,335	1,487	3,705	2,228	22,483	18,594	41,077	11,528
1944	6,018	1,051	1,092	1,506	3,495	3,456	1,810	3,374	2,486	24,288	20,223	44,511	12,134
1945	3,516	649	490	504	1,878	1,878	916	1,847	1,355	12,958	12,384	25,342	8,936
1946	3,541	829	573	675	2,142	1,904	1,203	2,127	1,750	14,745	13,720	28,465	8,914
1947	3,318	835	681	671	2,400	2,561	1,288	2,310	1,783	15,848	14,105	29,953	12,424

TRUCK RECEIPTS

1938	1,752	188	265	353	825	1,779	586	1,598	848	8,193	8,120	16,313	-----
1939	1,962	253	336	494	1,128	2,215	726	1,662	1,080	9,857	9,238	19,095	-----
1940	2,669	330	364	688	1,413	2,757	967	2,311	1,422	12,921	10,632	23,553	-----
1941	2,423	312	432	614	1,023	2,555	761	2,001	1,161	11,282	10,325	21,607	-----
1942	2,629	494	559	648	1,283	2,647	860	2,317	1,319	12,757	11,120	23,877	-----
1943	2,563	702	675	724	1,993	2,793	1,091	2,680	1,836	15,057	12,317	27,374	-----
1944	2,623	712	703	848	2,615	2,774	1,384	2,550	2,213	16,422	13,249	29,671	-----
1945	1,378	290	237	323	1,121	1,393	733	1,413	1,121	8,009	7,271	15,280	-----
1946	1,548	301	298	364	1,471	1,276	877	1,766	1,580	9,481	7,798	17,279	-----
1947	1,713	416	496	478	1,800	2,143	1,002	1,901	1,605	11,554	9,374	20,928	-----

<sup>1</sup> Total rail and truck receipts.

<sup>2</sup> Rounded total of complete figures.

<sup>3</sup> Covers receipts at 16 to 20 concentration yards and 10 or 11 packing plants in interior Iowa and southern Minnesota prior to 1947. Since January 1947, represents receipts at 14 packing plants and 30 concentration yards. Segregated truck receipts are not available.

Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-37 in Agricultural Statistics, 1941, table 491.

TABLE 448.—Hogs: Annual slaughter, United States, 1930-47

Year	Feder- ally in- spected	Not federally inspected		Total	Year	Feder- ally in- spected <sup>1</sup>	Not federally inspected		Total
		Other whole- sale, and retail	Farm				Other whole- sale, and retail	Farm	
	Thou- sands	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands	Thou- sands
1930	44,266	9,466	13,540	67,272	1939	41,368	11,213	13,980	66,561
1931	44,772	10,123	14,338	69,233	1940	50,398	13,057	14,155	77,610
1932	45,245	10,600	15,580	71,425	1941	46,520	12,088	12,789	71,397
1933	<sup>2</sup> 53,637	10,800	15,244	<sup>2</sup> 79,681	1942	53,897	12,117	12,533	78,547
1934	43,876	9,774	15,110	68,760	1943	63,431	17,779	14,016	95,226
1935	26,057	6,606	13,348	46,011	1944	69,017	<sup>3</sup> 15,500	13,551	98,068
1936	36,055	8,380	14,295	58,730	1945	40,960	<sup>3</sup> 17,300	13,631	71,891
1937	31,642	8,740	13,333	53,715	1946	44,394	<sup>3</sup> 18,000	13,850	76,244
1938	36,186	9,416	13,325	58,927	1947	49,116	<sup>3</sup> 12,813	12,783	74,712

<sup>1</sup> Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.

<sup>2</sup> Includes the 6,410,866 pigs and sows purchased for Government account under the emergency hog production control program during Aug. 18-Oct. 6, 1933.

<sup>3</sup> Data obtained from reports of slaughterers.

<sup>4</sup> Preliminary.

TABLE 449.—Hogs: Slaughter under Federal inspection, by stations, 1938-47<sup>1</sup>

Year	Chicago <sup>2</sup>	Denver	Kansas City	New York <sup>3</sup>	Omaha <sup>4</sup>	St. Louis <sup>5</sup>	Sioux City	So. St. Paul <sup>6</sup>	All other stations	Total
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1938	4,342	214	1,262	2,214	1,187	2,579	896	2,032	21,460	36,186
1939	4,551	246	1,695	2,341	1,599	2,872	1,110	2,326	24,628	41,368
1940	5,692	356	2,121	2,453	2,072	3,544	1,624	3,175	29,361	50,398
1941	4,896	343	1,900	2,055	1,828	3,350	1,370	2,779	27,998	46,520
1942	5,580	530	2,399	2,287	2,523	3,945	1,549	3,256	31,827	53,897
1943	6,017	761	2,948	2,576	3,154	4,220	2,010	3,856	37,889	63,431
1944	6,488	875	3,254	2,802	3,372	4,800	2,190	3,675	41,561	69,017
1945	3,760	492	1,558	1,855	1,783	2,570	1,203	1,707	26,032	40,960
1946	3,897	505	1,640	1,964	2,040	2,813	1,393	1,945	28,197	44,394
1947	4,050	544	2,126	1,685	2,391	3,322	1,524	2,430	31,044	49,116

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

<sup>2</sup> Includes Elburn, Ill.

<sup>3</sup> Includes Jersey City and Newark, N. J.

<sup>4</sup> Includes Lincoln, Nebr.

<sup>5</sup> Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.

<sup>6</sup> Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-37 in Agricultural Statistics, 1941, table 500.

TABLE 450.—Hogs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers per 100 pounds, by seasons, 1938-47<sup>1</sup>

Year beginning October—	Number slaughtered			Average live weight			Average cost per 100 pounds, live weight		
	October-April	May-September	October-September	October-April	May-September	October-September	October-April	May-September	October-September
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1938	24,664	15,056	39,720	229	243	234	7.45	6.38	7.03
1939	30,443	17,209	47,651	231	239	234	5.53	5.76	5.62
1940	31,919	16,081	48,000	231	250	238	6.95	10.16	8.08
1941	32,538	19,825	52,363	236	254	243	11.56	14.13	12.58
1942	34,909	25,073	59,981	249	266	256	14.51	13.91	14.25
1943	48,143	25,199	73,342	244	247	245	13.41	13.21	13.34
1944	30,250	13,637	43,888	244	285	257	14.30	14.52	14.38
1945	29,319	13,609	42,928	257	265	260	14.63	17.16	15.45
1946	30,445	16,619	47,064	250	270	257	23.95	23.41	23.75
1947	31,619	-----	-----	244	-----	-----	24.73	-----	-----

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

Production and Marketing Administration. Data for 1931-37 in Agricultural Statistics, 1941, table 498.

In recent years the packer-style carcass weight of hogs has averaged about 68 percent of the live weight, and in 1947 pork, excluding lard, averaged 57 percent of live weight.

TABLE 451.—Hogs: Number slaughtered, 1946 and 1947, and average live weight and total live weight, 1947, by States <sup>1</sup>

State	Number slaughtered		Average live weight 1947 <sup>2</sup>	Total live weight 1947 <sup>3</sup>
	1946	1947		
	Head	Head	Pounds	1,000 pounds
New England.....	927, 100	948, 500	263	249, 046
New York.....	1, 790, 000	1, 509, 000	194	292, 779
New Jersey.....	1, 388, 000	1, 084, 000	215	233, 510
Pennsylvania.....	3, 216, 000	2, 676, 000	227	608, 411
Ohio.....	3, 607, 000	3, 338, 000	233	777, 809
Indiana.....	2, 811, 000	3, 083, 000	246	757, 446
Illinois.....	6, 967, 000	7, 102, 000	255	1, 811, 998
Michigan.....	2, 105, 000	1, 493, 000	246	367, 445
Wisconsin.....	2, 706, 000	2, 474, 000	257	635, 494
Minnesota.....	4, 304, 000	4, 930, 000	267	1, 318, 348
Iowa.....	7, 499, 000	8, 907, 000	271	2, 417, 724
Missouri.....	3, 265, 000	3, 252, 000	248	805, 095
North Dakota.....	301, 000	260, 800	264	68, 805
South Dakota.....	1, 619, 000	1, 806, 000	276	498, 473
Nebraska.....	2, 287, 000	2, 528, 000	279	706, 098
Kansas.....	2, 723, 000	3, 127, 000	255	796, 199
Delaware and Maryland <sup>3</sup> .....	981, 000	961, 600	220	211, 513
Virginia.....	678, 000	767, 000	210	161, 049
West Virginia.....	198, 800	116, 900	227	26, 537
North Carolina.....	486, 000	373, 000	221	82, 320
South Carolina.....	418, 000	383, 000	214	81, 798
Georgia.....	1, 372, 000	1, 423, 000	189	268, 448
Florida.....	567, 000	529, 000	165	87, 466
Kentucky.....	578, 000	534, 000	227	121, 436
Tennessee.....	853, 000	869, 000	223	194, 032
Alabama.....	561, 000	510, 000	205	104, 361
Mississippi.....	241, 000	207, 700	220	45, 784
Arkansas.....	366, 000	275, 000	223	61, 247
Louisiana.....	393, 000	233, 500	193	44, 995
Oklahoma.....	914, 000	770, 000	227	174, 507
Texas.....	1, 824, 000	1, 505, 000	232	348, 755
Montana.....	155, 000	138, 300	251	34, 718
Idaho.....	131, 600	95, 500	233	22, 266
Wyoming.....	39, 700	18, 600	252	4, 678
Colorado.....	711, 000	665, 000	262	174, 060
New Mexico.....	44, 700	37, 100	232	8, 606
Arizona.....	41, 900	62, 900	231	14, 536
Utah.....	179, 000	175, 400	240	42, 059
Nevada.....	89, 200	33, 200	239	7, 939
Washington.....	657, 000	605, 000	238	144, 158
Oregon.....	519, 000	365, 000	243	88, 626
California.....	1, 880, 000	1, 757, 000	244	428, 130
United States.....	62, 394, 000	61, 929, 000	248	15, 328, 704

<sup>1</sup> Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter.

<sup>2</sup> Comparable data for 1946 not available by States.

<sup>3</sup> Includes the District of Columbia.

Bureau of Agricultural Economics.

TABLE 452.—Hogs: Barrows and gilts, and sows, average weight and cost of packer and shipper hogs purchased at Chicago, and at 7 markets combined, crop years 1942-48

Period	Chicago							Seven markets combined <sup>1</sup>						
	Average live weight			Average cost per 100 pounds (live weight)			Sows as percentage of total	Average live weight			Average cost per 100 pounds (live weight)			Sows as percentage of total
	Barrows and gilts	Sows	All purchases	Barrows and gilts	Sows	All purchases		Barrows and gilts	Sows	All purchases	Barrows and gilts	Sows	All purchases	
October-April:	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Pct.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Pct.</i>
1942-43.....	243	434	258	14.77	14.52	14.74	8	239	415	253	14.54	14.20	14.50	8
1943-44.....	241	427	259	13.74	12.85	13.59	10	232	393	245	13.48	12.62	13.37	8
1944-45.....	238	400	248	14.53	13.94	14.47	6	237	390	247	14.35	13.73	14.28	7
1945-46.....	253	434	264	14.80	14.02	14.73	6	252	420	262	14.60	13.84	14.52	6
1946-47.....	245	432	258	24.16	21.38	23.84	7	245	417	255	24.23	21.54	23.97	6
1947-48.....	250	422	261	24.33	23.09	24.20	7	241	402	251	24.41	23.47	24.32	6
May-September:														
1943.....	254	391	287	14.24	13.63	14.04	24	243	366	273	14.08	13.42	13.87	24
1944.....	239	395	267	13.59	12.62	13.33	18	230	354	252	13.36	12.44	13.13	18
1945.....	276	415	295	14.75	14.00	14.60	14	272	391	292	14.57	13.79	14.40	16
1946.....	244	382	279	17.37	18.33	17.70	25	246	359	273	16.84	18.13	17.25	24
1947.....	259	387	298	24.52	21.18	23.21	30	252	373	285	24.39	21.30	23.28	28
October-September:														
1942-43....	247	405	270	14.58	13.94	14.44	15	241	381	261	14.36	13.68	14.22	15
1943-44....	238	396	258	14.07	12.94	13.86	12	233	363	250	13.88	12.80	13.68	12
1944-45....	248	407	261	14.59	13.97	14.51	8	246	390	259	14.41	13.76	14.32	9
1945-46....	251	399	269	15.49	16.79	15.73	12	250	380	266	15.20	16.50	15.42	12
1946-47....	250	399	273	24.27	21.24	23.58	16	248	383	268	24.29	21.36	23.67	15

<sup>1</sup> Chicago, St. Louis National Stock Yards, Kansas City, Omaha, Sioux City, South St. Joseph, and South St. Paul.

Production and Marketing Administration.

TABLE 453.—Pork and lard: Wholesale price per 100 pounds, Chicago, 1938-47 <sup>1</sup>

Year	Loins, fresh, 10- to 12-lb. average	Hams, smoked, skinned, No. 1, 16- to 18-lb. average	Bacon, smoked, dry-cured, No. 1, 8- to 10-lb. average	Lard, refined, prime steam, in 1-lb. cartons	Year	Loins, fresh, 10- to 12-lb. average	Hams, smoked, skinned, No. 1, 16- to 18-lb. average	Bacon, smoked, dry-cured, No. 1, 8- to 10-lb. average	Lard, refined, prime steam, in 1-lb. cartons
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1938.....	18.32	22.52	24.39	9.47	1943.....	26.08	30.12	26.39	15.55
1939.....	16.41	20.70	18.76	7.66	1944.....	24.75	28.25	25.00	15.55
1940.....	14.75	18.06	16.20	6.39	1945.....	24.75	28.25	25.00	15.55
1941.....	20.06	24.88	23.47	10.06	1946.....	33.65	37.30	34.80	23.60
1942.....	26.63	31.38	27.84	14.48	1947.....	50.90	57.20	60.33	25.60

<sup>1</sup> Prices calculated from mean of daily range of quotations.

Production and Marketing Administration.



TABLE 454.—Lard, including rendered pork fat: Production, trade, stocks Dec. 31, and disappearance, United States, 1930-47

Year	Production			Imports for consumption	Exports	Shipments to United States Territories	Total net exports and shipments	Stocks, Dec. 31	Domestic disappearance		
	Federally inspected	Other	Total						Use in shortening, margarine, and nonfood products	Use as lard	Lard, per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1930	1,521,000	706,000	2,227,000	2	656,018	18,222	674,238	51,434	24,905	1,559,000	12.6
1931	1,554,000	753,000	2,307,000	3	578,296	22,547	600,840	51,224	18,960	1,687,000	13.5
1932	1,573,000	807,000	2,380,000	8	552,154	23,735	575,881	41,088	15,391	1,799,000	14.3
1933	1,679,000	796,000	2,475,000	1	584,238	27,523	611,760	132,510	12,675	1,759,000	13.9
1934	1,341,000	750,000	2,091,000	(2)	434,892	22,840	457,732	118,107	10,423	1,637,000	12.9
1935	662,000	614,000	1,276,000	37	97,359	17,727	115,049	52,718	5,526	1,221,000	9.5
1936	992,000	687,000	1,679,000	3	112,168	24,865	137,030	145,809	6,848	1,442,000	11.2
1937	759,000	672,000	1,431,000	247	136,778	25,968	162,499	53,693	2,926	1,358,000	10.5
1938	1,034,000	694,000	1,728,000	2	204,603	29,459	234,060	107,421	4,407	1,436,000	11.0
1939	1,272,000	765,000	2,037,000	1	277,272	33,649	310,920	162,105	8,936	1,662,000	12.6
1940	1,527,000	761,000	2,288,000	(2)	201,314	30,799	232,113	294,069	22,934	1,901,000	14.3
1941	1,526,000	702,000	2,228,000	1	392,870	30,637	423,506	198,529	59,546	1,840,000	13.7
1942	1,724,000	676,000	2,401,000	388	651,589	32,800	684,001	100,911	71,005	1,735,000	12.8
1943	2,080,000	785,000	2,865,000	757	737,075	38,913	775,231	200,203	140,594	1,762,000	12.8
1944	2,367,000	687,000	3,054,000	206	858,432	35,590	893,816	377,853	240,663	1,732,000	12.5
1945	1,311,000	755,000	2,066,000	243	537,773	24,735	562,265	91,583	112,094	1,646,000	11.7
1946	1,344,000	794,000	2,138,000	7	430,682	39,220	469,895	109,892	24,391	1,649,000	11.6
1947 <sup>6</sup>	1,722,000	705,000	2,427,000	2	352,656	33,866	386,520	166,575	111,251	1,843,000	12.7

<sup>1</sup> Use in margarine and shortening only: use in nonfood products not reported but probably was negligible.

<sup>2</sup> Less than 500 pounds.

<sup>3</sup> Includes production in war-duration or "Fulmer" plants.

<sup>4</sup> Includes U. S. Department of Agriculture shipments to United States Territories.

<sup>5</sup> Adjusted for changes in stocks held outside reported positions by U. S. Department of Agriculture, and in 1944-46 for lard procured by the Army for relief abroad, and in 1947 for lard exported in food packages through CARE and other nongovernmental relief agencies.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics. Compiled as follows: Production, 1930-47, and stocks, 1930-40, from U. S. Department of Agriculture. Stocks, 1941-47, Bureau of the Census. Trade figures, from Foreign Commerce and Navigation of the United States, and records of the Bureau of the Census. Use in shortening, margarine, and nonfood products, Bureau of the Census and Bureau of Internal Revenue. Disappearance computed from data on production, trade, and stocks. Per capita disappearance based on use as lard and July 1 population, including military personnel. Totals and per capita estimates computed from unrounded numbers.

TABLE 455.—Lard futures: Volume of trading, annual average of month-end open contracts, and highest and lowest prices per pound, Chicago Board of Trade, 1938-47

Year	Volume of trading	Average open contracts	Price		Year	Volume of trading	Average open contracts	Price	
			Highest	Lowest				Highest	Lowest
	Mil. lb.	Mil. lb.	Cents	Cents		Mil. lb.	Mil. lb.	Cents	Cents
1938	990.4	58.3	9.85	6.50	1943	0.5	( <sup>1</sup> )	13.80	13.15
1939	1,020.9	63.5	8.70	4.80	1944	.1	( <sup>1</sup> )	13.60	13.60
1940	1,604.0	139.5	7.75	4.05	1945	.6	0.2	13.80	13.40
1941	3,314.3	136.7	13.125	4.375	1946	8.6	.8	23.00	14.05
1942	240.4	14.8	13.80	10.00	1947	1,318.7	41.0	39.75	16.35

<sup>1</sup> Less than 50,000 pounds.

Commodity Exchange Authority. Trading and open-contract figures compiled from daily reports from exchange clearing members beginning March 17, 1941; prior figures and prices compiled from records of the Chicago Board of Trade.

TABLE 456.—*Sheep and lambs: Number and value on farms, United States, Jan. 1, 1930-48*

Year	All sheep			Stock sheep			Feeder sheep		
	Number	Farm value		Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total		Per head	Total
	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>
1930 <sup>1</sup>				<i>41,780</i>					
1930	51,565	8.93	460,404	45,577	9.00	410,290	5,988	8.37	50,114
1931	53,233	5.35	284,724	47,720	5.40	257,742	5,513	4.89	26,982
1932	53,902	3.40	183,314	47,682	3.44	164,246	6,220	3.05	18,989
1933	53,054	2.91	154,157	47,303	2.91	137,671	5,751	2.86	16,440
1934	53,503	3.78	202,437	48,244	3.77	181,718	5,259	3.93	20,667
1935 <sup>1</sup>				<i>48,358</i>					
1935	51,808	4.31	223,162	46,139	4.33	199,705	5,669	4.17	23,619
1936	51,136	6.38	326,435	45,435	6.35	288,326	5,701	6.68	38,109
1937	50,848	6.00	305,262	45,251	6.02	272,399	5,567	5.87	32,863
1938	51,063	6.11	311,933	44,972	6.13	275,560	6,091	5.97	36,373
1939	51,348	5.74	294,809	45,463	5.74	261,054	5,885	5.74	33,755
1940 <sup>1</sup>				<i>40,129</i>					
1940	52,107	6.31	328,742	46,266	6.35	293,718	5,841	6.00	35,024
1941	53,920	6.73	362,804	47,441	6.77	321,304	6,479	6.41	41,500
1942	56,213	8.60	483,589	49,346	8.66	427,198	6,867	8.21	56,391
1943	55,150	9.66	533,023	48,196	9.68	466,416	6,954	9.58	66,607
1944	50,782	8.71	442,199	44,270	8.68	384,173	6,512	8.91	58,026
1945 <sup>1</sup>				<i>41,224</i>					
1945	46,520	8.57	398,730	39,609	8.45	334,753	6,911	9.26	63,977
1946	42,436	9.69	411,265	35,599	9.57	340,841	6,837	10.30	70,424
1947	37,818	12.60	477,296	32,125	12.20	393,440	5,693	14.70	83,856
1948 <sup>2</sup>	35,332	15.30	542,321	30,544	15.00	457,510	4,788	17.70	84,811

<sup>1</sup> Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; Jan. 1, 1945. Figures for 1930 and 1940 exclude spring-born lambs.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 539.

TABLE 457.—*Sheep and lambs, by classes: Number on farms, Jan. 1, 1930-48*

Year	All sheep		Total	Stock sheep				
	On feed	Total		Lambs		1 year and over		
				Ewes	Wethers and rams	Ewes	Rams	Wethers
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
1930	51,565	5,988	45,577	7,204	1,258	34,614	1,233	1,198
1931	53,233	5,513	47,720	7,275	1,371	36,514	1,288	1,342
1932	53,902	6,220	47,682	6,863	1,349	37,095	1,315	1,060
1933	53,054	5,751	47,303	6,635	1,218	37,012	1,318	1,120
1934	53,503	5,259	48,244	7,455	1,360	37,042	1,322	1,065
1935	51,808	5,669	46,139	7,357	1,196	35,285	1,315	986
1936	51,136	5,701	45,435	6,475	1,127	35,555	1,305	973
1937	50,848	6,597	45,251	6,774	1,697	34,574	1,265	941
1938	51,063	6,091	44,972	6,559	1,493	34,710	1,281	929
1939	51,348	5,885	45,463	6,910	1,474	34,833	1,294	952
1940	52,107	5,841	46,266	6,931	1,398	35,707	1,325	905
1941	53,920	6,479	47,441	7,345	1,422	36,419	1,379	876
1942	56,213	8,867	49,346	7,864	1,778	37,361	1,446	897
1943	55,150	6,954	48,196	6,928	1,643	37,303	1,434	888
1944	50,782	6,512	44,270	6,142	1,951	33,991	1,345	841
1945	46,520	6,911	39,609	4,782	1,513	31,280	1,264	770
1946	42,436	6,837	35,599	4,773	1,533	27,680	1,100	513
1947	37,818	5,693	32,125	4,243	1,418	25,048	1,004	412
1948 <sup>1</sup>	35,332	4,788	30,544	4,233	1,169	23,826	934	382

<sup>1</sup> Preliminary.

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TABLE 458.—Stock sheep and lambs: Number on farms, farm value per head, and total value, by States, Jan. 1, average 1937-46, annual 1947 and 1948

State and division	Number			Farm value					
	Average 1937-46	1947	1948 <sup>1</sup>	Value per head			Total value		
				Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	42	28	23	6.94	10.10	12.40	283	283	285
New Hampshire.....	10	8	8	7.88	12.50	13.70	77	100	110
Vermont.....	21	12	12	7.61	12.20	13.40	151	146	161
Massachusetts.....	8	8	9	8.23	12.70	13.70	67	102	123
Rhode Island.....	2	2	2	7.90	12.00	13.00	16	24	26
Connecticut.....	6	6	6	8.03	12.00	13.30	46	72	80
New York.....	299	184	171	8.52	13.60	14.80	2,507	2,502	2,548
New Jersey.....	7	8	8	8.50	15.60	15.60	63	125	125
Pennsylvania.....	365	240	230	6.53	11.70	12.90	2,352	2,808	2,967
North Atlantic.....	760	496	469	7.44	12.40	13.70	5,561	6,162	6,425
Ohio.....	1,797	1,132	1,053	7.08	12.40	13.60	12,485	14,037	14,321
Indiana.....	635	430	387	8.72	15.60	16.10	5,461	6,708	6,231
Illinois.....	601	458	449	8.85	14.70	17.60	5,298	6,733	7,902
Michigan.....	780	415	403	8.11	13.60	14.90	6,171	5,644	6,005
Wisconsin.....	370	257	236	8.12	15.00	17.10	2,964	3,855	4,036
East North Central.....	4,184	2,692	2,528	7.87	13.70	15.20	32,378	36,977	38,495
Minnesota.....	1,062	728	692	7.96	13.70	15.90	8,476	9,974	11,003
Iowa.....	1,170	853	785	8.73	15.40	16.50	10,155	13,136	12,952
Missouri.....	1,401	1,132	1,075	7.99	13.50	15.60	11,193	15,282	16,770
North Dakota.....	847	519	452	7.76	13.80	15.20	6,615	7,162	6,870
South Dakota.....	1,554	1,027	936	7.82	13.90	15.90	12,520	14,275	14,882
Nebraska.....	328	178	134	7.74	12.80	14.30	2,559	2,278	1,916
Kansas.....	515	349	342	7.41	11.90	14.10	3,905	4,153	4,822
West North Central.....	6,876	4,786	4,416	7.99	13.80	15.70	55,423	66,260	69,215
North Central.....	11,060	7,478	6,944	7.95	13.80	15.50	87,802	103,237	107,710
Delaware.....	2	2	2	7.90	13.50	15.50	16	27	31
Maryland.....	61	46	47	8.62	13.30	15.30	508	612	719
Virginia.....	364	305	290	8.61	15.40	17.60	3,089	4,697	5,104
West Virginia.....	446	321	305	6.98	13.40	15.50	3,017	4,301	4,728
North Carolina.....	53	39	35	7.44	14.20	16.00	386	554	560
South Carolina.....	7	4	4	4.77	9.50	9.50	30	38	38
Georgia.....	21	15	14	4.46	8.60	8.80	89	129	123
Florida.....	24	14	14	4.14	7.00	7.70	94	98	108
South Atlantic.....	978	746	711	7.59	14.00	16.00	7,228	10,456	11,411
Kentucky.....	995	787	803	9.15	16.10	18.10	8,971	12,671	14,534
Tennessee.....	375	323	307	8.10	13.20	15.40	3,018	4,264	4,728
Alabama.....	38	27	25	4.66	8.40	10.60	169	227	265
Mississippi.....	77	92	101	3.66	5.90	6.90	286	543	697
Arkansas.....	95	61	61	6.18	9.70	10.60	582	592	647
Louisiana.....	260	192	169	3.70	5.60	5.60	955	1,075	946
Oklahoma.....	263	144	130	6.62	10.80	13.70	1,713	1,555	1,781
Texas.....	9,580	8,126	7,557	5.82	9.00	11.90	56,013	73,134	89,928
South Central.....	11,683	9,752	9,153	6.12	9.65	12.40	71,707	94,061	113,526
Montana.....	3,186	2,068	1,923	8.20	13.00	16.60	16,373	26,884	31,922
Idaho.....	1,702	1,097	1,108	9.11	15.50	19.80	15,039	17,004	21,938
Wyoming.....	3,280	2,344	2,344	8.21	12.50	16.40	26,786	29,300	38,442
Colorado.....	1,712	1,260	1,222	8.80	13.70	16.70	14,996	17,262	20,407
New Mexico.....	2,028	1,445	1,406	7.04	10.90	13.30	14,101	15,750	18,700
Arizona.....	704	459	426	6.78	11.30	13.50	4,634	5,187	5,751
Utah.....	2,011	1,469	1,469	8.76	13.40	17.00	17,298	19,685	24,973
Nevada.....	695	477	487	8.70	13.50	17.80	5,900	6,440	8,669
Washington.....	553	364	331	8.79	14.60	16.20	4,761	5,314	5,362
Oregon.....	1,496	758	735	8.09	13.10	16.50	11,707	9,930	12,128
California.....	2,795	1,912	1,816	8.68	14.00	16.60	23,849	26,768	30,146
Western.....	20,162	13,653	13,267	8.32	13.10	16.50	165,443	179,524	218,438
United States.....	44,641	32,125	30,544	7.60	12.20	15.00	337,742	393,440	457,510

<sup>1</sup> Preliminary.

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TABLE 459.—*Sheep and lambs on feed: Number on feed, by States, Jan. 1, average 1937-46, annual 1943-48, and total farm value, by States, Jan. 1, average 1937-46, annual 1947 and 1948*

State and division	Number <sup>1</sup>							Total farm value		
	Average 1937-46	1943	1944	1945	1946	1947	1948 <sup>2</sup>	Average 1937-46	1947	1948 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	1,000 dollars	1,000 dollars	1,000 dollars
New York.....	45	49	44	36	37	35	23	346	525	391
North Atlantic.....	45	49	44	36	37	35	23	346	525	391
Ohio.....	361	364	375	315	330	297	267	2,496	4,158	4,272
Indiana.....	191	169	170	136	197	129	135	1,590	2,193	2,565
Illinois.....	258	212	218	244	271	210	231	2,133	3,360	4,389
Michigan.....	230	220	175	160	135	95	88	1,811	1,425	1,584
Wisconsin.....	87	84	93	95	100	90	60	762	1,530	1,140
East North Central.....	1,127	1,049	1,031	950	1,033	821	781	8,792	12,666	13,950
Minnesota.....	300	295	330	310	340	231	165	2,481	3,465	2,970
Iowa.....	558	580	696	703	647	600	420	4,676	9,600	7,560
Missouri.....	184	225	240	250	202	200	150	1,390	2,800	2,550
North Dakota.....	126	150	162	165	168	100	80	1,106	1,600	1,520
South Dakota.....	298	366	415	440	410	299	209	2,382	4,784	3,553
Nebraska.....	691	870	880	801	768	538	633	5,719	8,608	12,027
Kansas.....	522	924	370	900	815	1,004	382	4,339	15,060	6,876
West North Central.....	2,679	3,410	3,093	3,569	3,350	2,972	2,039	22,093	45,917	37,056
North Central.....	3,806	4,459	4,124	4,519	4,383	3,793	2,820	30,885	58,583	51,006
Oklahoma.....	69	65	40	60	60	70	25	452	910	400
Texas.....	203	290	140	200	175	215	75	979	1,742	825
South Central.....	272	355	180	260	235	285	100	1,431	2,652	1,225
Montana.....	318	370	400	428	405	280	294	2,388	3,640	4,998
Idaho.....	200	164	150	140	150	135	125	1,525	2,025	2,500
Wyoming.....	254	200	250	240	242	175	165	1,788	2,275	2,640
Colorado.....	956	860	825	840	805	520	675	7,344	7,800	12,150
New Mexico.....	104	147	137	58	52	26	44	604	273	528
Arizona.....	14	8	6	10	40	32	55	80	352	715
Utah.....	172	125	135	140	160	115	147	1,198	1,610	2,793
Nevada.....	18	21	20	16	18	18	21	135	252	399
Washington.....	45	50	42	44	50	46	43	360	690	774
Oregon.....	54	38	35	38	40	28	20	380	350	340
California.....	140	108	164	142	220	205	256	1,030	2,829	4,352
Western.....	2,275	2,091	2,164	2,096	2,182	1,580	1,845	16,832	22,096	32,189
United States.....	6,398	6,954	6,512	6,911	6,837	5,693	4,788	49,494	83,856	84,811

<sup>1</sup> Includes sheep and lambs in commercial feed lots on feed for market.

<sup>2</sup> Preliminary.

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TABLE 460.—*Sheep: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47*

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
<b>North America:</b>								
Canada.....	Dec. 1 <sup>1</sup>	<sup>3</sup> 2,762	<sup>2</sup> 2,651	2,483	2,733	2,822	2,456	1,782
Guatemala.....	July.....	174	273	438	368	330	300	---
Mexico.....	June.....	<sup>4</sup> 3,674	<sup>3</sup> 4,809	---	---	---	---	5,230
United States.....	Jan. 1.....	53,100	51,404	55,150	50,782	46,520	42,436	37,818
Estimated total.....	-----	60,200	59,600	-----	59,400	55,200	£0,800	45,600
<b>Europe:</b>								
Albania.....	-----	1,503	<sup>3</sup> 1,576	---	1,700	1,600	1,700	---
Austria.....	Dec. 3 <sup>1</sup>	<sup>4</sup> 263	<sup>3</sup> 316	402	444	460	391	399
Belgium.....	Jan. 1.....	<sup>1</sup> 187	<sup>1</sup> 187	216	213	199	177	144
Bulgaria <sup>6</sup> .....	Dec. 31 <sup>1</sup>	8,188	8,746	8,863	8,600	7,100	7,800	8,784
Czechoslovakia <sup>7</sup> .....	Jan. 1.....	---	<sup>3</sup> 492	490	519	560	510	490
Denmark.....	July 15.....	<sup>4</sup> 179	<sup>4</sup> 147	186	203	213	178	83
Eire.....	June.....	3,283	3,076	2,560	2,663	2,581	2,423	2,094
Finland.....	Mar. 1.....	<sup>5</sup> 973	<sup>8</sup> 1,007	789	965	1,015	1,099	982
France.....	Fall <sup>1</sup> .....	9,812	9,648	<sup>9</sup> 7,171	<sup>6</sup> 6,715	<sup>9</sup> 6,300	<sup>8</sup> 5,632	7,259
Germany <sup>10</sup> .....	Dec. 1 <sup>1</sup>	---	<sup>3</sup> 3,729	4,105	4,349	---	---	2,988
Greece.....	Dec. 31 <sup>1</sup>	7,227	<sup>3</sup> 8,304	---	---	5,300	5,600	6,000
Hungary.....	Spring.....	1,204	1,490	1,155	1,199	328	370	488
Iceland.....	do.....	696	624	618	539	532	545	550
Italy.....	July.....	<sup>4</sup> 10,269	<sup>5</sup> 9,453	8,450	6,960	7,100	7,900	8,600
Netherlands.....	May.....	<sup>3</sup> 661	636	451	460	489	558	460
Norway.....	June.....	1,725	<sup>3</sup> 1,752	1,690	1,800	1,780	1,707	1,698
Poland <sup>11</sup> .....	June 30.....	---	<sup>4</sup> 941	---	---	710	759	981
Portugal.....	Dec. 31 <sup>1</sup>	<sup>12</sup> 3,274	<sup>13</sup> 3,948	3,800	3,700	3,500	3,900	4,000
Rumania <sup>14</sup> .....	do.....	<sup>15</sup> 9,736	<sup>15</sup> 9,736	---	---	---	6,799	7,100
Spain.....	do.....	<sup>3</sup> 17,948	<sup>4</sup> 20,000	23,489	24,310	22,000	20,183	19,500
Sweden.....	Summer.....	542	398	520	558	516	482	420
Switzerland.....	April.....	<sup>4</sup> 185	<sup>3</sup> 177	204	209	193	195	182
United Kingdom.....	June.....	26,047	26,112	20,383	20,107	20,150	20,358	16,713
Yugoslavia.....	Dec. 31 <sup>1</sup>	8,471	9,796	---	---	---	---	---
Estimated total.....	-----	<sup>15</sup> 123,900	123,400	-----	108,200	99,700	100,300	100,700
U. S. S. R. <sup>11</sup> .....	Jan. 1.....	---	<sup>4</sup> 66,000	---	---	---	61,100	60,800
<b>Asia:</b>								
Cyprus <sup>17</sup> .....	March.....	290	300	265	303	331	315	---
Iran.....	Mar. 21.....	14,696	14,497	13,720	13,730	13,020	12,950	13,190
Iraq.....	January.....	<sup>3</sup> 6,645	<sup>3</sup> 7,090	6,125	6,000	7,250	8,000	---
Palestine <sup>17</sup> .....	Spring.....	218	4209	244	---	---	---	---
Syria.....	Dec. 31 <sup>1</sup>	---	<sup>3</sup> 2,060	2,092	2,216	2,777	3,091	3,260
Trans-Jordan.....	-----	220	216	243	273	296	---	---
Turkey <sup>11</sup> .....	Dec. 31 <sup>1</sup>	11,195	16,080	17,283	16,125	17,266	18,062	17,874
British Malaya <sup>18</sup> .....	-----	228	339	---	---	---	---	---
China <sup>19</sup> .....	May.....	<sup>3</sup> 30,000	26,000	---	21,000	21,000	20,000	22,000
India.....	Dec. 31 <sup>1</sup>	43,347	43,258	---	---	---	48,000	50,000
Netherlands Indies.....	do.....	<sup>4</sup> 1,804	<sup>4</sup> 1,337	---	---	---	---	---
Estimated total.....	-----	140,800	141,300	-----	137,500	138,600	142,500	147,300
<b>South America:</b>								
Argentina.....	July.....	<sup>3</sup> 40,566	<sup>3</sup> 44,900	---	---	56,182	53,000	54,500
Bolivia.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 5,126	<sup>4</sup> 2,608	3,959	---	---	4,014	4,289
Brazil.....	September.....	<sup>3</sup> 11,673	<sup>3</sup> 11,438	10,650	11,000	13,283	15,542	17,000
Chile.....	June.....	<sup>4</sup> 6,083	5,855	---	6,040	6,000	5,900	5,700
Colombia.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 853	<sup>3</sup> 916	---	---	---	1,800	---
Ecuador.....	-----	<sup>20</sup> 1,500	---	1,430	---	---	1,158	---
Paraguay.....	Dec. 31 <sup>1</sup>	<sup>3</sup> 191	<sup>3</sup> 159	---	170	---	---	---
Peru.....	-----	<sup>4</sup> 12,000	<sup>4</sup> 14,900	---	---	14,007	---	---
Uruguay.....	April.....	<sup>3</sup> 17,982	<sup>4</sup> 17,931	---	<sup>1</sup> 20,289	---	19,567	20,500
Estimated total.....	-----	96,700	100,900	-----	115,000	117,200	116,900	121,800

See footnotes at end of table.

TABLE 460.—*Sheep: Number in specified countries, averages 1931-35 and 1936-40, annual 1943-47—Continued*

Continent and country	Month of estimate <sup>1</sup>	Average		1943	1944	1945	1946	1947 <sup>2</sup>
		1931-35	1936-40					
<i>Africa:</i>								
Algeria <sup>17</sup> .....		5,312	6,270	5,529	5,832	5,376	2,808	2,910
Anglo-Egyptian Sudan.....		2,310	<sup>3</sup> 2,500					4,800
Kenya.....		<sup>3</sup> 3,240	<sup>3</sup> 3,274			3,075		
Tanganyika.....	Dec. 31 <sup>1</sup>	2,212	1,780	1,996	2,208	2,019	2,159	
Basutoland.....		1,884	1,443			1,545		
British Somaliland.....		2,500	<sup>3</sup> 2,900					
Egypt.....	June	<sup>5</sup> 1,353	<sup>3</sup> 1,771	1,424	1,400	1,385	1,385	1,400
French Morocco <sup>17</sup> .....	Dec. 31 <sup>1</sup>	7,764	10,315	12,870	10,860	10,617	8,620	6,031
French West Africa and Togo.....		8,367	<sup>3</sup> 8,052	8,240	8,160	8,570		
Madagascar <sup>17</sup> .....	Dec. 31 <sup>1</sup>	194	193	220	229	174	161	156
Southern Rhodesia.....	do.	350	310	286	320	334	330	325
South West Africa.....	do.	1,156	<sup>3</sup> 2,972	3,534				
Spanish Morocco <sup>17</sup> .....		<sup>3</sup> 553	481	618	699	603	443	
Tunisia.....	Dec. 31 <sup>1</sup>	2,967	3,026	3,667	3,220	3,328	2,974	2,783
Union of South Africa.....	August	44,054	39,899	37,888			30,801	30,500
Estimated total.....		98,600	99,300		97,100	94,900	87,900	84,900
<i>Oceania:</i>								
Australia.....	Mar. 31 <sup>1</sup>	111,417	112,571	124,615	123,174	105,371	96,396	95,723
New Zealand.....	Apr. 30	28,793	31,352	33,155	33,200	33,975	33,000	32,500
Estimated total.....		140,200	144,000		156,400	139,400	129,400	128,200
Estimated world total.....		706,400	734,500		732,600	705,000	688,900	689,400

<sup>1</sup> End of year estimates (October to December) included under following year for comparisons and totals. Thus, for Canada the December 1942 estimate of 2,483,000 is shown under 1943.

<sup>2</sup> Preliminary.

<sup>3</sup> Average for 2 to 4 years only.

<sup>4</sup> Census or estimate for single year.

<sup>5</sup> March.

<sup>6</sup> Includes Southern Dobrudja, beginning 1943. Years 1944-46 adjusted to make comparable series.

<sup>7</sup> Present territory,—excludes Sub-Carpathian Russia.

<sup>8</sup> September.

<sup>9</sup> Official statistics; may be an underestimate of actual numbers.

<sup>10</sup> Totals for 4 zones of occupation.

<sup>11</sup> Present territory.

<sup>12</sup> Census, Dec. 31, 1934.

<sup>13</sup> Census, Dec. 31, 1940.

<sup>14</sup> Present territory,—excludes Southern Dobrudja.

<sup>15</sup> Average for years 1930-39.

<sup>16</sup> Not strictly comparable with later years, due to territorial changes.

<sup>17</sup> Data include only number taxed.

<sup>18</sup> Data include goats.

<sup>19</sup> Includes China Proper (22 provinces), Manchuria, Jehol, and Sinkiang (Turkestan).

<sup>20</sup> 1929.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, and other information. Data relate to prewar boundaries, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

TABLE 461.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1930-47*

Year	Lamb crop <sup>1</sup>	Marketings <sup>2</sup>		Shipped in <sup>3</sup>		Farm slaughter	
		Sheep	Lambs	Sheep for feeding and breeding	Lambs for feeding	Sheep	Lambs
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1930	29,467	3,212	24,144	925	5,886	222	252
1931	31,557	4,356	26,862	837	7,546	290	301
1932	29,986	2,943	25,017	517	5,438	338	386
1933	29,768	2,825	25,178	771	6,184	352	414
1934 <sup>6</sup>	30,433	7,011	25,079	887	6,956	354	436
1935	27,813	4,560	23,796	1,018	6,452	342	338
1936	29,762	4,627	24,206	666	6,037	305	332
1937	29,170	4,579	24,245	742	6,564	295	303
1938	30,420	4,565	25,767	862	6,606	295	315
1939	29,913	4,415	25,459	1,107	6,839	292	305
1940	31,082	4,384	25,846	1,060	7,186	272	299
1941	32,610	4,231	26,510	935	7,440	292	290
1942	32,312	6,064	28,598	828	8,020	291	287
1943	20,924	7,818	27,505	639	7,624	289	287
1944	28,642	7,362	25,349	576	6,844	279	283
1945	27,042	7,257	24,986	591	7,005	274	297
1946	24,540	6,496	24,172	730	6,808	276	304
1947 <sup>7</sup>	22,128	4,598	21,208	656	6,092	257	302

  

Year	Quantity produced (live weight) <sup>4</sup>	Value of production	Cash receipts from sale of sheep, lambs, mutton, and lamb <sup>5</sup>	Gross income <sup>5</sup>	Value of sheep and lambs slaughtered for home consumption	Cost of sheep and lambs shipped in for feeding and breeding <sup>3</sup>	Annual average price per 100 pounds received by farmers	
							Sheep	Lambs
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1930	1,965,337	134,141	161,522	163,441	1,919	32,774	4.74	7.76
1931	2,051,980	102,094	130,124	131,904	1,780	28,360	3.11	5.64
1932	1,829,383	74,666	93,037	94,641	1,604	19,042	2.24	4.47
1933	1,860,370	86,379	104,984	106,752	1,768	27,438	2.38	5.04
1934 <sup>6</sup>	1,911,079	99,324	131,691	133,805	2,114	29,968	2.85	5.90
1935	1,834,576	115,850	152,216	154,520	2,304	42,170	3.75	7.28
1936	1,851,581	133,034	165,950	168,244	2,294	33,630	3.77	8.05
1937	1,931,998	150,197	185,881	188,323	2,442	44,447	4.52	8.88
1938	2,037,588	127,161	157,451	159,453	2,002	37,502	3.58	7.05
1939	2,028,694	138,414	171,917	174,062	2,145	43,610	3.90	7.78
1940	2,100,928	149,343	179,997	182,069	2,072	47,120	3.95	8.10
1941	2,251,390	192,102	226,028	228,609	2,581	58,783	5.06	9.58
1942	2,313,319	235,146	305,932	309,003	3,071	72,708	5.80	11.70
1943	2,107,891	242,294	342,397	345,769	3,372	66,865	6.57	13.00
1944	1,938,299	215,071	300,446	303,646	3,190	60,273	6.01	12.50
1945	1,911,766	227,319	319,097	322,522	3,425	75,531	6.38	13.10
1946	1,763,298	248,240	362,300	366,488	4,188	86,959	7.48	15.60
1947 <sup>7</sup>	1,584,342	289,842	401,161	406,151	4,990	91,423	8.45	20.50

<sup>1</sup> Lambs saved during the year.<sup>2</sup> Excludes interfarm sales.<sup>3</sup> Includes sheep and lambs shipped in from other States and from central markets but excludes intrastate shipments.<sup>4</sup> Adjustments were made for sheep and lambs shipped in and changes in inventory.<sup>5</sup> No adjustments made for cost of sheep and lambs shipped in and changes in inventory values. Gross income is "Cash receipts from sales of sheep, lambs, mutton, and lamb" plus "Value of sheep and lambs slaughtered for home consumption."<sup>6</sup> Includes Government purchases.<sup>7</sup> Preliminary.Bureau of Agricultural Economics. Data for most items shown, for 1924-29, in *Agricultural Statistics, 1942*, table 543.

TABLE 462.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1946*

State and division	Marketings <sup>1</sup>		Shipped in <sup>2</sup>		Farm slaughter		Quantity produced (live weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of sheep, lambs, mutton and lamb <sup>5</sup>	Gross income <sup>6</sup>	Value of sheep and lambs slaughtered for home consumption	Cost of sheep and lambs shipped in for feeding and breeding <sup>7</sup>
	Sheep	Lambs	Sheep	Lambs	Sheep	Lambs						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	5	10			2	4	1,380	182	222	237	15	
New Hampshire.....	2	1					285	36	37	39	2	
Vermont.....	3	3				1	480	58	78	82	4	
Massachusetts.....		3				1	285	40	40	41	1	
Rhode Island.....		1					80	11	11	11		
Connecticut.....	1	1					180	19	19	19		
New York.....	33	127	3	31	5	7	9,215	1,332	1,923	1,935	12	380
New Jersey.....	1	7		4			330	48	100	100		56
Pennsylvania.....	54	80		1	2	5	9,662	1,268	1,509	1,519	10	12
North Atlantic.....	99	233	3	36	9	20	21,897	2,994	3,939	3,983	44	448
Ohio.....	232	737	12	97	3	6	61,963	8,795	11,397	11,467	70	1,306
Indiana.....	107	499	15	169	1	2	35,722	5,285	8,520	8,549	29	2,256
Illinois.....	81	747	19	400	1	3	41,309	5,997	11,829	11,866	37	5,504
Michigan.....	104	365	5	25	2	6	31,504	4,832	6,322	6,357	35	382
Wisconsin.....	67	278	3	131	2	5	18,993	2,759	4,567	4,636	69	1,807
East North Central.....	591	2,026	54	822	9	22	189,491	27,668	42,635	42,875	240	11,255
Minnesota.....	204	911	20	275	3	6	67,340	10,085	15,177	15,255	78	3,334
Iowa.....	110	1,633	71	1,124	2	3	81,380	12,206	25,107	25,150	43	14,340
Missouri.....	124	1,157	72	371	3	4	76,930	12,188	16,998	17,060	62	5,123
North Dakota.....	166	498	36	36	3	4	37,956	5,898	8,263	8,327	74	723
South Dakota.....	297	978	30	256	4	5	63,665	8,960	14,676	14,766	90	3,480
Nebraska.....	108	1,032	37	680	2	3	42,837	6,036	15,687	15,735	48	7,826
Kansas.....	104	1,204	85	1,080	1	3	56,446	7,894	16,940	16,975	35	13,369
West North Central.....	1,113	7,413	351	3,822	18	28	426,554	63,267	112,848	113,278	430	48,205
North Central.....	1,704	10,039	405	4,644	27	50	616,045	90,935	155,483	156,153	670	59,460
Delaware.....	1						100	7	7	7		
Maryland.....	4	24	1			1	2,251	361	370	376	6	7
Virginia.....	29	223	2	5	2	3	21,101	3,416	3,538	3,569	31	84
West Virginia.....	34	212		1	2	3	19,970	3,152	3,301	3,332	31	14
North Carolina.....	4	20			1	2	1,875	263	276	289	13	
South Carolina.....	1	1				1	140	19	27	29	2	
Georgia.....	1	2		1	1	1	235	25	34	42	8	11
Florida.....	1	1			1		195	19	17	20	3	
South Atlantic.....	75	483	3	7	7	11	45,897	7,262	7,570	7,664	94	116
Kentucky.....	115	585	55	24	2	4	54,729	8,921	9,891	9,924	33	789
Tennessee.....	30	222	5	26	2	3	19,033	2,835	3,231	3,254	23	378
Alabama.....	4	5		1		1	533	54	73	76	3	11
Mississippi.....	8	9				2	1,255	114	111	116	5	
Arkansas.....	14	36				2	2,581	329	407	415	8	
Louisiana.....	38	9			2	3	1,696	131	332	348	16	
Oklahoma.....	25	162	4	96	1	2	10,197	1,367	2,145	2,166	21	979
Texas.....	2,485	1,741	12	130	10	14	243,802	23,745	32,925	33,096	171	1,411
South Central.....	2,719	2,769	76	277	17	31	333,826	37,496	49,115	49,395	280	3,568
Montana.....	533	1,363	35	55	8	11	112,589	15,065	20,491	20,629	138	919
Idaho.....	101	1,236	20	311	11	16	85,742	13,100	17,355	17,604	249	3,819
Wyoming.....	265	1,520	9	85	10	23	107,894	16,180	19,271	19,552	281	1,062
Colorado.....	258	1,974	85	765	8	11	104,348	16,646	29,640	29,821	181	9,562
New Mexico.....	100	608	19	24	75	30	39,381	5,959	6,899	7,619	720	465
Arizona.....	93	115	30		60	48	19,185	2,222	2,008	2,871	863	267
Utah.....	106	956	13	25	17	17	62,033	9,752	11,642	11,901	259	431
Nevada.....	53	259	4	12	4	5	18,350	2,491	2,902	2,970	68	177
Washington.....	66	274	10	14	4	3	24,749	3,614	4,172	4,200	28	266
Oregon.....	52	559	8		5	10	41,687	6,737	7,728	7,836	108	78
California.....	272	1,784	10	553	14	18	129,705	17,787	24,085	24,290	205	6,321
Western.....	1,899	10,648	243	1,844	216	192	745,663	109,553	146,193	149,293	3,100	23,367
United States.....	6,496	24,172	730	6,808	276	304	1,763,298	248,240	362,300	366,488	4,188	86,959

See footnotes at bottom of page 370.



TABLE 463.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1947 (preliminary)*

State and division	Marketings <sup>1</sup>		Shipped in <sup>2</sup>		Farm slaughter		Quantity produced (live-weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of sheep, lambs, mutton and lamb <sup>5</sup>	Gross income <sup>6</sup>	Value of sheep and lambs slaughtered for home consumption	Cost of sheep and lambs shipped in for feeding and breeding <sup>7</sup>
	Sheep	Lambs	Sheep	Lambs	Sheep	Lambs						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head						
Maine.....	6	7			2	4	1,095	180	244	262	18	
New Hampshire.....	2	1				1	310	41	41	44	3	
Vermont.....	1	3				2	450	72	72	77	5	
Massachusetts.....		3					295	50	38	38		
Rhode Island.....	1	1					85	14	14	14		
Connecticut.....	1	2					260	36	36	36		
New York.....	26	110	2	18	4	6	8,460	1,574	2,133	2,145	12	265
New Jersey.....	1	8		5			375	67	146	146		83
Pennsylvania.....	37	69			2	5	8,273	1,318	1,429	1,442	13	
North Atlantic.....	74	204	2	23	8	18	19,603	3,352	4,153	4,204	51	348
Ohio.....	168	615	6	62	3	5	51,020	9,265	11,265	11,339	74	941
Indiana.....	95	444	14	188	1	2	31,737	5,987	9,226	9,261	35	2,972
Illinois.....	75	606	20	353	1	3	36,262	6,871	12,165	12,212	47	5,855
Michigan.....	39	272	5	17	3	7	25,834	5,030	5,521	5,574	53	313
Wisconsin.....	44	254	2	82	2	5	18,338	3,143	4,951	5,031	80	1,301
East North Central.....	421	2,191	47	702	10	22	163,191	30,296	43,128	43,417	289	11,382
Minnesota.....	109	805	30	280	3	6	58,971	11,609	16,569	16,666	97	3,969
Iowa.....	197	1,517	58	846	2	2	79,797	15,264	31,108	31,149	41	12,461
Missouri.....	179	1,040	75	225	2	3	74,535	14,847	19,900	19,952	52	3,851
North Dakota.....	111	379	18	35	3	4	30,404	5,897	7,251	7,335	84	642
South Dakota.....	183	842	11	229	3	7	54,300	10,049	15,527	15,663	136	3,563
Nebraska.....	89	859	47	841	2	3	40,476	8,164	18,598	18,662	64	11,698
Kansas.....	141	1,397	50	517	1	3	43,329	8,825	25,718	25,767	49	7,249
West North Central.....	1,009	6,749	289	2,973	16	28	381,812	74,655	134,671	135,194	523	43,433
North Central.....	1,430	8,940	336	3,675	26	50	545,003	104,951	177,799	178,611	812	54,815
Delaware.....	1						100	8	8	8		
Maryland.....	1	22				1	2,055	398	385	392	7	
Virginia.....	20	204	2	1	2	3	18,026	3,651	3,826	3,862	36	34
West Virginia.....	29	191	2	2	2	3	18,040	3,530	3,749	3,784	35	50
North Carolina.....	3	16			1	2	1,455	275	293	309	16	
South Carolina.....		1					75	12	12	12		
Georgia.....	1	1			1	1	235	29	29	38	9	
Florida.....	1	1			1		230	20	18	21	3	
South Atlantic.....	56	436	4	3	7	10	40,216	7,923	8,320	8,426	106	84
Kentucky.....	95	519	41	25	2	4	46,728	10,109	10,466	10,507	41	782
Tennessee.....	27	236	1	35	2	3	18,357	3,487	4,215	4,243	28	553
Alabama.....	5	4				1	586	72	83	87	4	
Mississippi.....	1	13		1		2	1,550	163	118	124	6	11
Arkansas.....	4	29		1		1	2,268	385	389	394	5	13
Louisiana.....	25	15			2	3	1,485	145	286	304	18	
Oklahoma.....	28	147	4	28	1	1	8,890	1,585	2,631	2,648	17	371
Texas.....	1,727	1,568	14	141	12	16	204,130	24,250	33,596	33,554	258	1,865
South Central.....	1,912	2,531	60	231	19	31	283,994	40,196	51,784	52,161	377	3,595
Montana.....	325	1,027	30	124	7	11	95,196	16,241	19,057	19,218	161	1,967
Idaho.....	72	1,198	30	358	10	15	85,337	17,918	22,818	23,127	309	5,388
Wyoming.....	115	1,309	10	121	12	28	97,414	18,780	20,865	20,282	417	1,798
Colorado.....	118	1,518	70	890	8	10	89,264	19,072	29,307	29,521	214	12,980
New Mexico.....	106	592	20	27	70	30	51,365	8,048	7,809	8,583	774	599
Arizona.....	37	161	22	44	50	49	17,650	3,008	2,750	3,723	973	884
Utah.....	46	803	34	80	17	16	60,598	11,963	12,299	12,609	310	1,548
Nevada.....	16	223	4	8	4	5	19,450	3,553	3,445	3,537	92	154
Washington.....	66	242	12	11	3	3	22,230	4,298	4,812	4,842	30	286
Oregon.....	28	480	7		4	10	40,406	8,536	8,619	8,748	129	75
California.....	197	1,544	15	497	12	16	116,616	22,003	28,324	28,559	235	6,902
Western.....	1,126	9,097	254	2,160	197	193	695,526	133,420	159,105	162,749	3,644	32,581
United States.....	4,598	21,208	656	6,092	257	302	1,534,342	289,842	401,161	406,151	4,990	91,423

See footnotes at bottom of page 370.

TABLE 464.—*Sheep and lambs: Receipts at public stockyards, 1938-47*TOTAL RECEIPTS<sup>1</sup>

Year	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Louis Natl. Stock- yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets <sup>2</sup>	All others report- ing	Total, 67 markets report- ing <sup>3</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1938.....	2,564	3,135	1,378	1,506	1,648	988	1,011	1,258	661	14,149	11,449	25,598
1939.....	2,499	2,837	939	1,367	1,717	820	1,025	1,204	711	13,118	10,699	23,817
1940.....	2,103	2,663	1,086	1,294	1,576	832	978	1,280	786	12,596	10,158	22,754
1941.....	2,179	2,471	906	1,337	1,487	783	1,111	1,306	779	12,359	10,458	22,817
1942.....	2,596	2,966	1,657	1,871	2,058	893	1,240	1,612	1,088	15,880	12,331	28,211
1943.....	2,390	2,715	2,105	2,331	2,651	904	1,231	1,787	1,361	17,476	12,991	30,467
1944.....	2,056	2,518	2,657	2,247	2,370	822	1,120	1,709	1,365	16,864	12,344	29,208
1945.....	1,875	2,287	2,714	2,226	1,935	1,049	1,043	1,331	1,104	15,563	12,095	27,658
1946.....	1,487	2,102	2,331	1,968	1,779	956	909	1,169	917	13,618	12,529	26,147
1947.....	968	1,996	1,766	1,857	1,527	822	937	940	784	11,598	10,081	21,679

TRUCK RECEIPTS<sup>4</sup>

1938.....	347	122	890	291	268	462	322	525	333	3,559	3,467	7,026
1939.....	329	156	676	314	329	458	388	467	344	3,462	3,477	6,939
1940.....	295	157	797	352	347	480	394	480	397	3,700	3,547	7,247
1941.....	321	166	706	415	376	472	509	506	449	3,920	3,834	7,754
1942.....	347	292	1,120	454	436	516	548	620	498	4,831	4,269	9,100
1943.....	343	381	1,547	439	486	549	514	590	587	5,436	4,572	10,008
1944.....	326	291	1,714	382	444	459	433	606	573	5,228	4,202	9,430
1945.....	284	288	1,893	373	400	431	434	539	505	5,147	4,352	9,499
1946.....	373	328	1,759	337	363	435	376	573	484	5,039	4,344	9,383
1947.....	306	322	1,399	338	322	408	401	540	434	4,471	3,857	8,328

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards.<sup>2</sup> Rounded totals of complete figures.

Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-37 in Agricultural Statistics, 1941, table 524.

## FOOTNOTES FOR TABLES 462 AND 463

<sup>1</sup> Excludes interfarm sales.<sup>2</sup> Includes sheep and lambs shipped in from other States and from central markets but excludes intrastate shipments.<sup>3</sup> Adjustments were made for sheep and lambs shipped in and changes in inventory.<sup>4</sup> No adjustments made for cost of sheep and lambs shipped in and changes in inventory values. Gross income is "Cash receipts from sales of sheep, lambs, mutton, and lamb" plus "Value of sheep and lambs slaughtered for home consumption."

Bureau of Agricultural Economics.

TABLE 465.—*Sheep and lambs: Stocker and feeder shipments into 8 North Central States, 1943-47*<sup>1</sup>

Year and source	Shipments into—								
	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Nebraska	Total, 8 States
1943:	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Public stockyards.....	2,687	53,846	223,542	25,542	50,031	220,320	771,498	725,923	2,073,192
Direct.....	171,772	96,049	230,983	48,094	89,116	280,859	450,410	829,538	2,196,821
Total.....	174,459	149,895	454,525	73,636	139,147	501,179	1,221,908	1,555,461	4,270,013
1944:									
Public stockyards.....	1,457	14,714	235,644	24,802	34,837	177,520	612,020	499,798	1,600,792
Direct.....	82,447	104,108	191,323	25,452	94,872	216,851	419,175	610,186	1,744,414
Total.....	83,904	118,822	426,967	50,254	129,709	394,371	1,031,195	1,109,984	3,345,206
1945:									
Public stockyards.....	3,012	17,229	230,548	12,688	38,913	167,908	531,982	383,809	1,386,089
Direct.....	99,523	213,617	194,326	17,677	132,528	235,115	476,178	698,612	2,067,576
Total.....	102,535	230,846	424,874	30,365	171,441	403,023	1,008,160	1,082,421	3,453,665
1946:									
Public stockyards.....	1,943	46,082	221,991	13,411	21,719	127,490	581,023	272,136	1,285,795
Direct.....	106,934	203,611	210,086	16,115	112,250	167,986	613,789	495,432	1,926,203
Total.....	108,877	249,693	432,077	29,526	133,969	295,476	1,194,812	767,568	3,211,998
1947:									
Public stockyards.....	1,901	114,439	291,140	11,624	33,561	133,125	477,302	253,864	1,316,956
Direct.....	66,093	87,819	250,923	9,910	48,615	137,284	426,227	762,777	1,789,648
Total.....	67,994	202,258	542,063	21,534	82,176	270,409	903,529	1,016,641	3,106,604

<sup>1</sup> Under "Public stockyards" are included stockers and feeders which were bought at stockyard markets. Under "Direct" are included stockers and feeders coming from other States from points other than public stockyards, some of which are inspected at public stockyards while stopping for feed, water, and rest en route.

Bureau of Agricultural Economics. Compiled from data obtained from offices of State veterinarians.

TABLE 466.—*Sheep and lambs: Annual slaughter, United States, 1930-47*

Year	Federally inspected	Not federally inspected		Total	Year	Federally inspected <sup>1</sup>	Not federally inspected		Total
		Other wholesale, and retail	Farm				Other wholesale, and retail	Farm	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1930.....	16,697	3,954	474	21,125	1939.....	17,241	3,776	597	21,614
1931.....	18,071	4,471	596	23,138	1940.....	17,349	3,651	571	21,571
1932.....	17,899	4,420	744	23,063	1941.....	18,122	3,605	582	22,309
1933.....	17,354	3,713	781	21,848	1942.....	21,624	3,383	578	25,585
1934.....	<sup>2</sup> 17,411	3,583	806	<sup>2</sup> 21,800	1943.....	23,363	3,134	576	27,073
1935.....	17,644	3,676	680	22,000	1944.....	21,875	<sup>3</sup> 2,918	562	25,355
1936.....	17,216	3,702	637	21,555	1945.....	21,218	<sup>3</sup> 2,850	571	24,639
1937.....	17,270	3,587	598	21,455	1946.....	19,884	<sup>3</sup> 2,350	580	22,814
1938.....	18,060	3,753	610	22,423	1947 <sup>4</sup> .....	16,667	<sup>3</sup> 1,540	559	18,766

<sup>1</sup> Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.

<sup>2</sup> Includes 1,356,421 sheep slaughtered for Government account.

<sup>3</sup> Data obtained from reports of slaughterers.

<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 467.—Feeder sheep: Inspected shipments from public stockyards, 1940-47

Origin and destination	1940	1941	1942	1943	1944	1945	1946	1947
Market origin:	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Chicago, Ill.....	60,867	43,667	57,209	55,110	53,950	34,283	36,597	32,992
Denver, Colo.....	810,419	1,001,998	1,244,604	1,065,070	1,022,365	886,961	745,348	758,082
Fort Worth, Tex.....	88,843	73,524	86,995	105,667	70,970	133,302	157,540	188,100
Kansas City, Kans.....	64,852	76,050	144,158	232,049	143,554	206,274	157,513	195,706
Louisville, Ky.....	42,947	40,692	55,679	29,027	50	7,756		
Ogden, Utah.....	365,893	481,530	582,257	490,445	420,523	410,454	343,691	388,018
Omaha, Nebr.....	341,695	298,900	372,504	732,107	503,614	325,193	336,730	286,664
St. Louis <sup>1</sup> .....	36,963	38,612	25,484	29,316	18,528	42,241	30,361	33,810
Salt Lake City, Utah.....	94,478	97,305	110,614	125,503	79,519	91,328	92,419	100,703
Sioux Falls, Iowa.....	165,927	150,211	226,249	358,055	364,758	283,155	206,957	168,738
Sioux City, S. Dak.....	25,460	27,324	30,603	66,968	68,066	62,834	60,116	66,474
So. St. Joseph, Mo.....	107,927	183,791	115,421	39,675	21,861	19,458	52,211	124,791
So. St. Paul, Minn.....	206,214	223,895	222,843	322,999	328,550	258,867	195,386	173,732
All other inspected <sup>2</sup> .....	220,915	262,986	285,876	301,221	265,448	376,562	343,811	256,815
Total.....	2,633,390	3,000,485	3,560,496	3,953,212	3,361,756	3,138,668	2,758,680	2,774,625
State destination:								
New York.....	6,104	4,809	2,860	10,858	18,426	4,523	22,525	9,875
Ohio.....	29,131	16,191	20,448	19,545	15,535	20,181	21,384	13,650
Indiana.....	41,689	34,282	45,265	47,273	18,788	34,902	40,483	45,314
Illinois.....	190,987	218,291	219,764	338,709	241,857	233,962	237,014	218,856
Michigan.....	58,996	32,902	36,588	28,957	22,761	16,002	24,208	12,649
Wisconsin.....	47,152	40,483	26,567	50,196	33,458	31,510	14,824	14,343
Minnesota.....	174,478	166,060	195,283	297,694	183,859	197,342	132,906	138,158
Iowa.....	576,715	425,986	512,276	794,873	693,034	524,043	523,498	426,163
Missouri.....	176,530	295,180	233,126	168,175	117,816	131,436	156,760	249,448
South Dakota.....	48,997	46,938	64,918	177,024	122,499	86,132	83,613	95,867
Nebraska.....	412,693	566,619	766,892	838,323	598,667	488,785	288,473	404,186
Kansas.....	240,502	351,382	547,325	262,293	501,108	422,828	395,887	288,563
Kentucky.....	47,462	45,348	64,563	38,344	13,488	40,897	21,940	25,155
Tennessee.....	7,496	10,435	4,175	6,243	4,572	18,649	11,173	9,323
Oklahoma.....	24,310	29,651	22,730	13,314	12,393	9,760	13,351	12,168
Texas.....	29,521	31,582	47,300	54,798	34,826	63,653	81,929	61,697
Montana.....	3,543	583	1,131	1,763	23		9,015	21,238
Idaho.....	13,831	20,100	29,604	25,599	16,302	7,338	14,256	47,321
Wyoming.....	9,802	17,559	17,930	20,958	6,880	8,238	18,712	21,185
Colorado.....	322,006	445,495	486,683	469,459	427,211	415,710	340,240	430,101
Utah.....	22,479	44,908	40,952	56,396	65,113	65,916	32,505	78,019
California.....	72,287	107,211	134,593	162,007	160,143	252,240	212,408	154,033
All other <sup>2</sup> .....	76,679	48,480	39,523	70,414	52,997	64,622	61,576	57,313
Total <sup>2</sup> .....	2,633,390	3,000,485	3,560,496	3,953,212	3,361,756	3,138,668	2,758,680	2,774,625

<sup>1</sup> Includes St. Louis National Stock Yards, Ill., and St. Louis, Mo.<sup>2</sup> Does not include Hawaii.

Bureau of Agricultural Economics. Compiled from inspection records of the Bureau of Animal Industry. Data for 1926-39 in Agricultural Statistics, 1941, table 526.

TABLE 468.—Sheep and lambs: Slaughtered under Federal inspection, by stations, 1938-47<sup>1</sup>

Year	Chi- cago <sup>2</sup>	Denver	Kansas City	New York <sup>3</sup>	Omaha <sup>4</sup>	St. Louis <sup>5</sup>	Sioux City	South St. Paul <sup>6</sup>	All other stations	Total
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1938.....	2,570	414	1,177	3,333	1,093	828	560	761	7,324	18,060
1939.....	2,444	359	1,159	3,017	1,190	710	591	777	6,994	17,241
1940.....	2,287	307	1,086	2,931	1,131	715	615	762	7,516	17,351
1941.....	2,511	353	1,114	2,901	1,228	776	635	818	7,789	18,125
1942.....	3,155	406	1,368	2,940	1,666	933	821	1,046	9,291	21,625
1943.....	2,927	589	1,672	2,766	1,868	938	969	999	10,634	23,363
1944.....	2,512	598	1,596	2,831	1,803	796	890	913	9,937	21,876
1945.....	1,967	571	1,494	2,434	1,589	888	695	721	10,861	21,220
1946.....	1,491	492	1,146	2,484	1,105	764	612	595	11,196	19,885
1947.....	1,179	556	1,195	2,167	1,160	756	555	557	8,542	16,667

For footnotes see bottom of page 373.

TABLE 469.—*Sheep and lambs: Number, by classes, slaughtered under Federal inspection, 1938-47*

Year	Lambs and yearlings		Sheep		Year	Lambs and yearlings		Sheep	
	Thousands	Percent	Thousands	Percent		Thousands	Percent	Thousands	Percent
1938.....	16,884	93.5	1,176	6.5	1943.....	18,466	79.0	4,897	21.0
1939.....	16,137	93.6	1,104	6.4	1944.....	18,263	83.5	3,613	16.5
1940.....	16,253	93.7	1,098	6.3	1945.....	16,776	79.1	4,444	20.9
1941.....	16,980	93.7	1,145	6.3	1946.....	16,535	83.2	3,350	16.8
1942.....	18,811	87.0	2,813	13.0	1947.....	14,374	86.2	2,292	13.8

Production and Marketing Administration. Data for 1923-37 in Agricultural Statistics, 1941, table 533.

TABLE 470.—*Sheep and lambs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers per 100 pounds, by seasons, 1938-47*

Year beginning May—	Number slaughtered <sup>1</sup>			Average live weight			Average cost per 100 pounds, live weight		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	Dollars	Dollars	Dollars
1938.....	10,885	6,862	17,746	82	91	85	7.58	8.63	8.01
1939.....	10,338	6,920	17,258	83	91	86	8.36	8.91	8.59
1940.....	10,404	7,276	17,680	83	93	87	8.57	9.73	9.08
1941.....	10,694	7,827	18,520	85	94	89	10.15	11.33	10.70
1942.....	13,194	8,351	21,545	86	93	89	11.82	14.01	12.71
1943.....	14,929	8,608	23,537	89	94	91	11.29	13.64	12.18
1944.....	13,592	8,859	22,451	87	96	90	11.14	13.35	12.07
1945.....	12,489	9,156	21,645	92	99	95	11.32	13.20	12.15
1946.....	11,189	6,718	17,907	90	98	93	14.87	20.52	17.11
1947.....	9,844	6,227	16,070	91	98	93	19.09	21.59	20.11

<sup>1</sup> Rounded totals of unrounded numbers.

Production and Marketing Administration. Data for 1931-37 in Agricultural Statistics, 1941, table 530. In recent years the carcass weight of sheep and lambs has averaged about 46 percent of the live weight.

## FOOTNOTES FOR TABLE 468

<sup>1</sup> Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

<sup>2</sup> Includes Elburn, Ill.

<sup>3</sup> Includes Jersey City and Newark, N. J.

<sup>4</sup> Includes Lincoln, Nebr.

<sup>5</sup> Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.

<sup>6</sup> Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-37 in Agricultural Statistics, 1941, table 531.

TABLE 471.—*Sheep and lambs: Number slaughtered, 1946 and 1947, and average live weight and total live weight, 1947, by States*<sup>1</sup>

State	Number slaughtered		Average live weight 1947 <sup>2</sup>	Total live weight 1947 <sup>2</sup>
	1946	1947		
	<i>Head</i>	<i>Head</i>	<i>Pounds</i>	<i>1,000 pounds</i>
New England.....	250,200	389,000	91	35,380
New York.....	2,055,000	1,574,000	91	142,676
New Jersey.....	875,000	880,000	90	79,002
Pennsylvania.....	486,000	315,000	83	26,153
Ohio.....	375,000	328,000	83	27,316
Indiana.....	146,900	87,100	89	7,730
Illinois.....	2,083,000	1,698,000	93	157,372
Michigan.....	752,000	283,000	92	25,967
Wisconsin.....	304,000	205,600	95	19,602
Minnesota.....	1,279,000	1,108,000	96	106,598
Iowa.....	1,944,000	1,910,000	94	179,612
Missouri.....	1,008,000	1,038,000	93	97,020
North Dakota.....	319,000	303,200	103	31,129
South Dakota.....	381,000	323,000	97	31,225
Nebraska.....	1,324,000	1,282,000	99	127,344
Kansas.....	1,395,000	1,371,000	93	128,044
Delaware and Maryland <sup>3</sup> .....	140,600	90,700	90	8,195
Virginia.....	35,400	21,100	82	1,735
West Virginia.....	12,500	8,300	89	740
North Carolina.....	2,400	5,300	96	507
South Carolina.....	1,000	600	80	48
Georgia.....	12,000	2,400	83	199
Florida.....	2,700	500	70	35
Kentucky.....	125,500	122,600	82	10,082
Tennessee.....	71,900	50,500	81	4,087
Alabama.....	8,600	1,300	82	106
Mississippi.....	1,700	1,900	75	142
Arkansas.....	1,600	600	97	58
Louisiana.....	1,600	2,800	75	211
Oklahoma.....	335,000	263,800	84	22,237
Texas.....	1,604,000	1,035,000	80	82,681
Montana.....	11,400	7,400	105	778
Idaho.....	26,000	15,100	104	1,576
Wyoming.....	61,500	4,000	100	401
Colorado.....	984,000	752,000	99	74,385
New Mexico.....	7,800	9,100	93	843
Arizona.....	27,600	24,700	94	2,320
Utah.....	139,900	84,100	103	8,665
Nevada.....	18,200	9,700	100	966
Washington.....	321,000	212,400	101	21,448
Oregon.....	278,000	177,200	96	17,089
California.....	3,025,000	2,209,000	96	211,372
United States.....	22,234,000	18,207,000	93	1,693,076

<sup>1</sup> Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter.

<sup>2</sup> Comparable data for 1946 not available by States.

<sup>3</sup> Includes the District of Columbia.

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TABLE 472.—*Sheep and lambs: Average price per 100 pounds at Chicago, 1938-47*<sup>1</sup>

Year beginning May—	Sheep			Lambs			Year beginning May—	Sheep			Lambs		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.		May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>		<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1938.....	3.33	4.64	3.88	8.53	9.22	8.82	1943.....	6.93	7.72	7.26	14.41	15.35	14.80
1939.....	3.30	4.89	3.96	9.42	9.59	9.49	1944.....	5.41	7.81	6.41	13.93	15.55	14.61
1940.....	3.27	5.28	4.11	9.65	10.36	9.95	1945.....	6.43	7.21	6.76	14.46	14.71	14.56
1941.....	4.61	6.44	5.38	11.54	12.24	11.83	1946.....	8.14	8.85	8.43	19.70	22.80	20.99
1942.....	5.93	8.54	7.02	14.46	16.42	15.28	1947.....	7.89	11.35	9.33	22.39	23.52	22.86

<sup>1</sup> Simple average of monthly bulk-of-sales prices, from data of the livestock reporting service. Production and Marketing Administration.

TABLE 473.—*Lamb carcasses: Wholesale price per 100 pounds, Chicago, 1938-47*<sup>1</sup>

Year	Choice, 40 to 45 pounds	Good, 40 to 45 pounds	Commercial, all weights <sup>2</sup>	Utility, all weights <sup>3</sup>	Year	Choice, 40 to 45 pounds	Good, 40 to 45 pounds	Commercial, all weights	Utility, all weights
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>		<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1938.....	16.40	15.20	14.44	13.38	1943.....	26.13	24.63	22.63	20.3
1939.....	17.26	16.33	15.07	13.58	1944.....	25.18	23.68	21.68	19.4
1940.....	17.65	16.49	14.95	13.58	1945.....	25.18	23.68	21.68	19.4
1941.....	19.25	18.09	16.43	15.07	1946.....	32.75	31.08	27.80	23.3
1942.....	23.74	22.65	19.96	18.01	1947.....	44.13	42.58	37.83	29.6

<sup>1</sup> Prices calculated from mean of daily range of quotations.

<sup>2</sup> Medium grade prior to 1941.

<sup>3</sup> Common grade prior to 1941.

Production and Marketing Administration.

TABLE 474.—Wool shorn: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and cash receipts, by States, average 1936-45, annual 1946 and 1947

State and division	Sheep and lambs shorn <sup>1</sup>			Weight per fleece <sup>2</sup>			Shorn-wool production			Price per pound			Cash receipts		
	Average 1936-45	1946	1947	Average 1936-45	1946	1947	Average 1936-45	1946	1947	Average 1936-45	1946	1947	Average 1936-45	1946	1947
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	40	29	25	6.2	6.3	6.5	383	249	162	35	43	42	87	79	68
New Hampshire.....	9	7	7	6.2	6.5	6.6	57	46	46	34	43	43	19	20	20
Vermont.....	20	13	11	6.5	6.6	6.6	132	86	73	35	43	42	37	37	31
Massachusetts.....	7	7	7	6.0	5.9	6.2	43	41	43	35	45	46	15	18	15
Rhode Island.....	2	2	2	5.9	6.0	6.0	12	12	12	36	45	46	6	6	6
Connecticut.....	5	5	5	5.8	6.0	6.0	28	30	30	36	46	46	10	14	14
New York.....	287	188	166	7.2	7.2	7.2	2,075	1,354	1,195	36	45	44	731	609	526
New Jersey.....	6	6	6	6.5	6.5	6.8	39	39	41	39	46	45	14	19	18
Pennsylvania.....	350	235	216	7.5	7.6	7.6	2,621	1,786	1,642	36	46	44	934	822	722
North Atlantic.....	726	492	445	7.23	7.27	7.29	5,256	3,579	3,242	36.0	45.4	44.0	1,860	1,624	1,425
Ohio.....	1,944	1,258	1,132	8.0	8.3	8.3	15,654	10,441	9,306	35	44	46	5,416	4,594	4,322
Indiana.....	657	448	417	7.2	7.4	7.8	4,751	3,315	3,253	36	46	43	1,685	1,525	1,399
Illinois.....	702	498	467	7.8	7.9	8.1	5,495	3,954	3,766	34	45	41	1,908	1,779	1,544
Michigan.....	842	483	415	7.0	8.1	8.2	6,680	3,912	3,403	36	46	45	2,341	1,800	1,531
Wisconsin.....	380	271	249	7.6	7.9	7.9	2,889	2,141	1,967	35	47	43	993	1,006	846
East North Central.....	4,525	2,958	2,680	7.84	8.03	8.13	35,479	23,763	21,785	35.2	45.0	44.3	12,345	10,704	9,642
Minnesota.....	1,034	744	648	7.8	7.7	8.0	8,061	5,729	5,181	34	46	43	2,743	2,635	2,229
Iowa.....	1,217	788	827	7.8	8.0	8.2	9,066	6,304	6,781	34	41	42	3,278	2,774	2,848
Missouri.....	1,415	1,131	1,124	6.7	6.7	7.2	9,540	7,651	8,047	35	43	40	3,340	3,281	3,219
North Dakota.....	828	593	498	8.7	8.7	8.7	5,159	4,333	4,320	32	43	42	2,322	2,218	1,820
South Dakota.....	1,448	1,126	955	8.3	8.2	8.3	12,031	9,181	7,880	33	43	43	4,095	4,131	3,888
Nebraska.....	400	253	217	8.3	8.5	8.5	3,331	2,154	1,835	29	39	38	998	840	697
Kansas.....	576	433	370	8.1	8.3	8.7	4,697	3,583	3,209	30	37	39	1,462	1,326	1,252
West North Central.....	6,938	5,068	4,639	7.85	7.84	8.03	51,527	39,741	37,269	32.8	43.3	41.5	18,238	17,205	15,453
North Central.....	11,463	8,026	7,319	7.83	7.91	8.07	90,006	63,504	59,054	33.7	43.9	42.5	30,583	27,909	25,095
Delaware.....	2	2	2	6.5	6.5	6.5	14	13	13	37	47	44	5	6	6
Maryland.....	56	41	40	6.2	6.2	6.4	352	256	256	38	47	44	113	119	113
Virginia.....	340	279	271	5.0	5.1	5.2	1,713	1,423	1,409	39	53	49	666	754	690
West Virginia.....	432	301	289	5.1	5.3	5.3	2,207	1,532	1,532	39	51	46	827	813	705
North Carolina.....	49	37	34	5.0	5.0	5.3	180	180	180	36	46	47	88	90	85
South Carolina.....	6	4	4	4.9	5.0	5.0	245	20	20	33	39	40	10	24	23
Georgia.....	19	14	13	4.1	4.4	4.4	79	62	57	32	42	41	24	25	23
Florida.....	23	12	12	3.2	3.2	3.3	74	38	40	31	42	43	23	16	17
South Atlantic.....	927	690	665	5.09	5.22	5.27	4,714	3,601	3,507	38.4	50.8	47.0	1,772	1,831	1,647



Kentucky.....	739	724	5.5	6.0	6.3	5,220	4,434	4,561	38	50	47	2,012	2,217	2,144
Tennessee.....	353	297	4.7	5.1	5.0	1,670	1,550	1,485	37	49	47	626	760	698
Alabama.....	33	22	4.0	4.4	4.5	131	106	99	32	43	42	41	46	42
Mississippi.....	64	79	3.4	3.4	3.8	216	269	300	33	49	44	74	132	132
Arkansas.....	81	51	4.8	4.6	4.9	390	281	250	34	50	43	134	140	108
Louisiana.....	224	163	3.3	3.2	3.4	736	614	554	33	48	45	238	295	249
Oklahoma.....	266	151	8.4	8.1	8.7	2,246	1,223	1,218	28	35	36	610	428	438
Texas.....	9,824	8,013	7.8	7.8	7.7	76,566	71,263	61,946	34	43	43	26,026	30,643	26,637
South Central.....	11,803	10,703	7.41	7.45	7.42	87,205	79,740	70,413	34.1	43.5	43.2	29,761	34,661	30,448
Montana.....	3,057	2,238	9.2	9.6	9.1	28,247	21,485	17,317	33	43	45	9,481	9,239	7,793
Idaho.....	1,718	1,132	9.4	9.5	9.0	16,157	10,764	10,425	33	42	42	5,201	4,517	4,378
Wyoming.....	3,157	2,303	9.6	10.0	9.0	30,299	23,950	21,810	31	39	39	9,491	9,340	8,506
Colorado.....	1,637	1,377	8.4	8.8	8.0	13,693	12,118	10,890	32	40	41	4,381	4,847	4,465
New Mexico.....	1,985	1,408	7.9	8.3	8.3	15,384	12,151	11,951	29	35	35	4,378	4,249	4,076
Arizona.....	604	443	6.7	7.2	7.5	4,419	3,187	3,027	30	37	35	1,288	1,179	1,059
Utah.....	1,958	1,534	8.9	9.3	9.5	17,419	14,266	13,120	31	39	40	5,334	5,564	5,248
Nevada.....	680	493	8.2	8.5	8.6	5,585	4,190	3,818	31	41	41	1,688	1,718	1,565
Washington.....	585	402	8.1	8.9	9.3	5,331	3,563	3,556	30	40	40	1,607	1,426	1,422
Oregon.....	1,503	800	8.8	8.5	8.8	13,221	6,800	6,204	32	41	42	4,087	2,788	2,606
California.....	3,356	2,525	6.9	7.0	6.6	23,249	17,607	15,054	33	44	43	7,675	7,747	6,473
Western.....	20,300	14,807	8.53	8.78	8.75	173,204	130,063	116,582	31.9	40.5	40.7	54,804	52,614	47,491
United States.....	45,219	34,718	7.97	8.08	8.09	360,385	280,487	252,798	33.0	42.3	42.0	118,780	118,639	106,106

<sup>1</sup> Includes sheep shorn at commercial feeding yards.

<sup>2</sup> For Texas and California the weight per fleece is the amount of wool shorn, per sheep and lamb during the year.  
Bureau of Agricultural Economics.

TABLE 475.—Wool: Jan. 1 stocks of apparel wool, number of sheep shorn, weight per fleece, production, average price per pound received by farmers, cash receipts, pulled wool production, exports, total new supply of apparel wool, and imports of carpet wool, United States, 1930-47

Year	Jan. 1 stocks of apparel wool <sup>1</sup> 1,000 pounds	Sheep and lambs shorn Thousands	Weight per fleece Pounds	Shorn wool production 1,000 pounds	Price per pound Cents	Cash receipts 1,000 dollars	Pulled wool production		Apparel wool		Carpet wool, imports for consumption <sup>8</sup>	
							Average weight per skin Pounds	Total 1,000 pounds	Total production 1,000 pounds	Exports, domestic <sup>1</sup> 1,000 pounds	Imports for consumption <sup>3</sup> 1,000 pounds	Total new supply <sup>4</sup> 1,000 pounds
1930	—	44,540	7.90	352,120	19.5	68,739	3.32	61,900	414,029	162	5,70,135	1,000 pounds 884,002
1931	—	46,829	8.04	376,301	13.6	51,039	3.24	68,100	442,401	274	42,915	1,000 pounds 113,795
1932	—	45,207	7.76	350,996	8.6	30,292	3.34	67,100	418,096	179	13,522	1,000 pounds 485,042
1933	—	46,005	8.13	374,152	20.6	77,065	3.30	64,200	430,352	10	59,341	1,000 pounds 497,674
1934	—	46,421	7.95	368,860	21.9	80,700	3.17	60,500	420,300	119	29,258	1,000 pounds 458,400
1935	372,748	44,901	8.04	361,531	19.3	69,613	3.20	66,000	427,531	20	41,984	1,000 pounds 469,495
1936	234,533	44,663	7.91	353,211	26.9	94,915	3.21	66,200	419,411	16	110,712	1,000 pounds 530,107
1937	206,098	44,284	8.04	356,078	32.0	113,807	3.24	66,200	422,278	68	130,160	1,000 pounds 572,370
1938	238,228	44,889	8.02	359,925	19.1	68,917	3.28	64,500	424,425	1,343	30,812	1,000 pounds 453,894
1939	230,225	45,195	8.00	361,689	22.3	80,063	3.32	64,500	426,189	179	98,194	1,000 pounds 144,875
1940	177,291	46,313	8.03	372,014	28.4	105,539	3.30	62,000	434,014	456	222,983	1,000 pounds 134,691
1941	192,841	47,722	8.12	387,520	35.5	137,754	3.42	65,800	453,320	38	613,566	1,000 pounds 1,066,848
1942	447,398	49,287	7.88	388,297	40.1	155,728	3.55	66,700	454,997	111	6,782,617	1,000 pounds 203,249
1943	674,789	47,802	7.91	378,843	41.7	157,825	3.43	65,200	444,043	27,924	6,642,517	1,000 pounds 72,017
1944	815,549	43,165	7.84	338,318	42.4	143,513	3.42	73,500	411,818	7,476	6,581,848	1,000 pounds 33,489
1945	749,183	38,763	7.94	307,949	41.9	129,122	3.58	70,500	378,449	28,797	6,725,237	1,000 pounds 34,775
1946	797,969	34,718	8.08	280,487	42.3	118,639	3.76	61,300	341,787	16,008	9,923,814	1,000 pounds 125,418
1947 <sup>7</sup>	892,869	31,241	8.09	252,798	42.0	106,106	3.65	57,300	310,098	12,720	528,172	1,000 pounds 112,120

<sup>1</sup> As reported by Bureau of the Census. Includes wool stored in bonded warehouses prior to payment of duty. Excludes wool on farms for all years, and wool stored for the British Government for re-export, 1942-46.

<sup>2</sup> Includes hair of the angora goat, alpaca, and other like animals.

<sup>3</sup> General imports less re-exports, 1930-33, inclusive. Apparel wool for all years includes the item "not finer than 40's", both fine and dutiable. Carpet wool includes only Donskoi, Smyrna, East Indian, Chinese, and similar wool without merino or English blood.

<sup>4</sup> Production, minus exports, plus imports; stocks not taken into consideration.

<sup>5</sup> For the years 1930-35 the item "not finer than 40's" has been deducted from carpet wool totals reported by the Department of Commerce and added to apparel wool, thus making entire series comparable.

<sup>6</sup> Does not include 222,222,220 pounds in 1942; 275,476,308 pounds in 1943; 2,725,929 pounds in 1944; 5,372,698 pounds in 1945, and 14,840 pounds in 1946; imported free of duty as an act of international courtesy. Wool so imported consisted entirely of wool stored in this country for the British Government and later re-exported. This wool was not available to domestic mills.

<sup>7</sup> Preliminary.

Bureau of Agricultural Economics. Imports and exports from Foreign Commerce and Navigation of the United States and other official reports of the Department of Commerce. Data for 1909-29 in Agricultural Statistics, 1942, table 556.

TABLE 476.—Wool: Production in specified countries, greasy basis, averages 1931-35, 1936-40; annual 1943-47<sup>1</sup>

Continent and country	Average		1943	1944	1945	1946	1947 <sup>2</sup>
	1931-35	1936-40					
North America:	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Canada.....	17.3	15.6	17.8	19.3	19.6	17.1	14.1
United States:							
Shorn.....	366.3	360.6	378.8	338.3	307.9	279.9	256.3
Pulled.....	64.8	64.7	65.2	73.5	70.5	61.3	52.0
Total.....	431.1	425.3	444.0	411.8	378.4	341.2	308.3
Estimated total <sup>3</sup> .....	458.2	451.7	472.8	442.2	409.2	369.5	333.6
Europe:							
>Albania.....	4.2	4.4	3.9	4.2	4.4	4.8	4.8
>Bulgaria.....	26.8	28.7	28.2	23.4	19.3	21.9	25.7
Fire.....	18.4	17.2	15.3	15.9	16.1	14.5	13.0
>Estonia.....	1.9	2.4	.....	.....	.....	.....	.....
Finland.....	2.3	2.7	1.8	2.2	2.2	2.6	2.4
France <sup>5</sup> .....	36.9	37.1	26.9	26.0	25.0	26.5	28.6
Germany.....	30.5	39.8	45.7	49.9	.....	.....	.....
Greece.....	17.7	19.3	11.4	9.3	11.2	13.5	16.7
>Hungary.....	11.4	12.9	8.6	8.2	2.3	3.3	4.0
>Italy.....	31.0	30.4	26.7	23.4	23.8	24.7	27.0
>Latvia.....	4.2	5.9	.....	.....	.....	.....	.....
>Lithuania.....	3.7	3.6	.....	.....	.....	.....	.....
>Netherlands.....	2.9	3.1	2.2	2.4	2.4	2.7	2.3
Norway.....	5.8	5.9	5.8	6.2	6.1	5.8	6.0
>Poland.....	9.9	11.8	.....	.....	.....	.....	.....
Portugal.....	15.8	16.3	17.1	16.7	15.8	17.6	18.0
Rumania.....	53.9	50.3	.....	.....	.....	.....	.....
Spain.....	68.9	70.0	83.5	88.0	81.5	79.0	77.0
United Kingdom.....	113.8	110.1	90.4	85.6	83.7	87.5	70.0
>Yugoslavia.....	30.7	34.7	.....	.....	.....	.....	.....
Estimated total <sup>6</sup> .....	499.0	514.4	464.2	454.3	406.9	414.2	408.2
U. S. S. R.....	159.6	272.0	260.0	245.0	250.0	260.0	270.0
Asia:							
Iran.....	38.0	36.3	27.5	27.7	28.7	29.5	30.0
Iraq.....	18.5	21.6	21.0	22.0	23.0	24.2	24.2
Syria and Lebanon.....	11.1	10.7	10.0	12.0	13.6	14.3	13.0
Turkey.....	41.4	67.7	62.0	67.0	70.0	69.0	56.0
Afghanistan.....	15.0	15.0	15.0	15.0	15.0	15.0	15.0
China <sup>7</sup> .....	90.0	88.0	85.0	75.0	75.0	75.0	75.0
India.....	71.9	72.9	80.0	76.0	75.0	80.0	80.5
Estimated total <sup>8</sup> .....	318.1	344.2	332.5	326.8	332.5	339.3	326.0
South America:							
Argentina <sup>9</sup> .....	361.0	411.0	515.0	505.0	505.0	515.0	495.0
Brazil <sup>10</sup> .....	35.0	35.5	39.0	40.0	39.0	39.0	39.0
Chile.....	33.8	32.6	35.0	34.0	34.8	33.0	32.0
Peru <sup>11</sup> .....	18.4	19.4	19.0	19.8	20.1	20.1	20.1
Uruguay <sup>12</sup> .....	110.6	126.2	147.9	156.6	175.2	176.0	160.0
Estimated total <sup>13</sup> .....	575.5	638.9	771.6	771.6	791.2	800.6	763.6
Africa:							
Algeria.....	19.1	22.6	23.0	22.7	21.6	19.8	20.2
Egypt.....	5.8	7.5	.....	.....	.....	.....	.....
French Morocco.....	30.7	35.1	40.0	39.0	40.0	30.0	25.0
Tunisia.....	11.9	12.0	14.5	13.0	13.2	11.8	11.0
Union of South Africa <sup>14</sup> .....	269.0	252.0	250.0	234.0	210.0	210.0	208.0
Estimated total <sup>15</sup> .....	343.1	336.5	339.9	321.3	297.5	284.4	277.0
Oceania:							
Australia.....	1,010.5	1,051.9	1,169.0	1,016.5	932.9	970.0	990.0
New Zealand.....	281.1	313.8	330.0	372.0	365.0	360.0	360.0
Estimated total.....	1,291.8	1,365.9	1,499.1	1,388.6	1,298.0	1,330.1	1,350.1
Estimated world total <sup>16</sup> .....	3,640.0	3,920.0	4,140.0	3,950.0	3,790.0	3,800.0	3,730.0

See footnotes at bottom of page 380.

TABLE 477.—Wool: Commodity Credit Corporation total purchases and sales from Apr. 23, 1943, to Mar. 31, 1948, and stocks as of Mar. 31, 1948, by programs

Classification and program year <sup>1</sup>	Total purchases			Total sales			Stocks as of Mar. 31, 1948		
	Actual		Total grease equivalent <sup>2</sup>	Actual		Total grease equivalent <sup>2</sup>	Actual		Total grease equivalent <sup>2</sup>
	Grease	Scoured		Grease	Scoured		Grease	Scoured	
Shorn wool:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1943.....	225,496	3,590	234,471	197,174	10,273	222,856	3,951	485	5,163
1944.....	309,155	6,034	324,240	279,607	13,243	312,715	7,870	623	9,428
1945.....	285,616	5,193	298,598	220,304	7,412	238,834	49,601	1,903	54,359
1946.....	295,178	5,953	310,060	210,663	4,963	223,071	76,077	2,673	82,759
1947.....	93,362	2,288	99,082	43,885	991	46,363	48,720	1,517	52,512
1948.....	645	261	1,297	260	44	370	384	217	925
Total.....	1,209,452	23,319	1,267,748	951,893	36,926	1,044,209	186,603	7,418	205,147
Pulled wool:									
1943.....	29,525	26,001	68,527	21,193	31,442	68,356	412	192	700
1944.....	13,832	18,170	41,087	10,598	20,050	40,673	241	271	647
1945.....	46,001	34,216	97,325	40,290	28,886	83,619	2,380	7,637	13,836
1946.....	33,128	30,970	79,583	25,103	16,466	49,502	7,134	15,102	29,787
1947.....	509	12,236	18,863	225	2,649	4,199	284	9,602	14,687
1948.....	545	7,884	12,371	166	969	1,620	379	6,919	10,758
Total.....	123,540	129,477	317,756	97,575	100,462	248,269	10,830	39,723	70,415
Total wool:									
1943.....	255,021	29,591	302,998	218,367	41,715	291,212	4,363	677	5,863
1944.....	322,987	24,204	365,327	290,205	33,293	353,388	8,111	894	10,075
1945.....	331,617	39,409	395,923	260,594	36,298	322,453	51,981	9,540	68,195
1946.....	328,306	36,923	389,643	235,766	21,429	272,873	83,211	17,775	112,546
1947.....	93,871	14,524	117,945	44,110	3,640	50,562	9,004	11,119	67,199
1948.....	1,190	8,145	13,668	426	1,013	1,990	763	7,136	11,684
Total.....	1,332,992	152,796	1,585,504	1,049,468	137,388	1,292,478	197,433	47,141	275,562

<sup>1</sup> The program year for 1943 extended from Apr. 23, 1943, to Mar. 31, 1944, for shorn wool, and to Apr. 30, 1944, for pulled wool; the program year for 1944 extended from the termination of the previous program to Dec. 31, 1944; the program year for 1945 extended from Jan. 1, 1945, to Mar. 31, 1946; the program year for 1946 extended from Apr. 1, 1946, to Apr. 15, 1947; the program year for 1947 extended from Aug. 15, 1947, to Dec. 31, 1947; the program year for 1948 became effective Jan. 1, 1948.

<sup>2</sup> The conversion factor used for scoured shorn wool, is 2.5; for scoured pulled wool, 1.5. As the wool is reweighed at the time of sale, purchases do not equate to sales plus stocks.

Bureau of Agricultural Economics. This tabulation is based on monthly handlers' reports to the Livestock Branch, Production and Marketing Administration, and on data of the Commodity Credit Corporation.

## FOOTNOTES FOR TABLE 476

<sup>1</sup> For summary purposes, wool produced mostly in the spring in the Northern Hemisphere is combined with that produced in the season beginning July 1 or Oct. 1 of the same year in the Southern Hemisphere. Pulled wool is included for most countries at its greasy equivalent.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes estimates for Mexico, Newfoundland, Netherlands West Indies, Guatemala, and El Salvador.

<sup>4</sup> Includes Southern Dobrudja with Bulgaria and excludes it from Rumania for these years.

<sup>5</sup> Data for years 1945 and 1946 not comparable with prewar and 1947.

<sup>6</sup> Includes estimates for countries producing 2 million pounds or less, namely Austria, Belgium, Czechoslovakia, Denmark, Iceland, Sweden, and Switzerland.

<sup>7</sup> Includes China Proper (22 provinces), Manchuria, Jehol, and Sinkiang (Turkestan).

<sup>8</sup> Includes estimates for Cyprus, Palestine, Trans-Jordan and Outer Mongolia.

<sup>9</sup> Based on estimates of the Buenos Aires Branch, First National Bank of Boston.

<sup>10</sup> Estimates based largely on production in Rio Grande do Sul, which produces about 80 percent of the total.

<sup>11</sup> Based on surveys of the Junta Nacional de la Industria Lanar.

<sup>12</sup> Estimates of the Camara Mercantil de Productos del Pais (Mercantile Exchange of Uruguay).

<sup>13</sup> Includes relatively small production in Bolivia, Colombia, Ecuador, Falkland Islands, Paraguay, and Venezuela.

<sup>14</sup> Union of South Africa, Union Protectorates, and South West Africa.

<sup>15</sup> Includes estimates for Kenya, French West Africa and Togo, and Libya.

<sup>16</sup> Rounded to tens of millions.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Estimates for countries having changed boundaries have been adjusted to prewar boundaries except as noted.

TABLE 478.—Wool: Reported mill consumption, United States, 1938-47

Year	Grease basis <sup>1</sup>									Scoured basis <sup>4</sup>	
	Apparel						Carpet (duty-free) <sup>3</sup>			Apparel	Carpet
	Domestic			Foreign (dutiable) <sup>2</sup>							
	Shorn	Pulled	Total	Shorn	Pulled	Total	Shorn	Pulled	Total		
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	
1938	376.6	60.4	437.0	29.8	7.7	37.5	89.2	3.5	92.7	219.6	64.9
1939	484.8	66.5	551.3	66.6	12.3	78.9	142.6	5.9	148.5	293.1	103.4
1940	422.7	64.1	486.8	139.7	14.4	154.1	132.5	5.0	137.5	310.0	97.8
1941	430.2	63.7	493.9	450.7	32.4	483.1	182.6	7.4	190.1	515.7	132.3
1942 <sup>5</sup>	463.3	77.3	540.6	484.1	52.5	536.6	57.5	3.4	60.9	571.4	44.0
1943 <sup>5</sup>	355.6	74.9	430.5	559.1	71.9	631.0	40.8	2.9	43.7	591.9	32.2
1944	261.7	56.9	318.6	606.8	83.6	690.4	56.3	4.8	61.2	577.0	45.8
1945	197.1	54.7	251.8	675.6	85.4	761.0	72.2	3.9	76.1	589.2	55.9
1946 <sup>6</sup>	174.9	54.2	229.1	732.5	89.3	821.8	169.3	10.4	179.7	609.6	127.9
1947 <sup>5,6</sup>	333.6	48.2	381.8	540.3	59.3	599.6	224.0	16.6	240.6	525.9	172.3

<sup>1</sup> Total mill consumption of greasy and scoured shorn wool converted to a greasy shorn equivalent and total consumption of greasy and scoured pulled wool converted to a greasy pulled equivalent.

<sup>2</sup> Prior to 1942 includes a small amount of duty-free foreign wool and excludes a small amount of duty-paid foreign wool.

<sup>3</sup> Prior to 1942 includes Donskoi, Smyrna, East Indian, Chinese and similar wools, particularly suitable for floor coverings, and excludes all other wool, whether duty-free or dutiable.

<sup>4</sup> Total consumption of greasy and scoured wool (both shorn and pulled) converted to a scoured basis.

<sup>5</sup> 52-week totals computed from weekly averages for reporting year, which covered 51 weeks in 1942 and 53 weeks in 1943 and 1947. <sup>6</sup> Revised.

Bureau of Agricultural Economics. Compiled from wool consumption reports of the Bureau of the Census.

TABLE 479.—Wool: Average price per pound, Boston and London, 1938-47

Market and classification	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Boston:										
Clean basis, Territory: <sup>1</sup>										
Grades 64's, 70's, 80's, fine combing...	70	83	96	109	119	118	119	119	119	122
Grade 56's, 3/8 blood combing.....	59	69	80	91	103	104	104	104	104	108
Grease basis, Bright Fleeces: <sup>2</sup> Grade 56's, 3/8 blood combing .....	30	36	41	47	52	54	54	54	54	56
London:										
Clean basis:										
Grade 64's, 70's.....	52	(3)								115
Grade 56's.....	37	(3)								475

<sup>1</sup> Wools grown under range conditions. Territory wools show a wide variation in shrinkage and color.

<sup>2</sup> Wools that are bright in color and of relatively light shrinkage. Nearly all the wools grown in the States east of the Mississippi River are of this type. Bright wools are also grown in parts of Minnesota, Iowa, and Missouri. Wools from Kentucky, Virginia, and Tennessee usually bring prices from 1 to 3 cents per pound, grease basis, above other bright fleeces, because of their lighter shrinkage. Prior to 1938, the "Bright Fleece" wools were designated as "Ohio and Pennsylvania" wools.

<sup>3</sup> London wool auctions were suspended at outbreak of war. Supplies and prices under Government control. No quotations after July 1939.

<sup>4</sup> 10-month average.

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 480.—Wool-top futures: Volume of trading and annual average of month-end open contracts, Wool Associates of the New York Cotton Exchange, Inc., 1938-47

Year beginning April—	Annual volume of trading	Average open contracts	Year beginning April—	Annual volume of trading	Average open contracts	Year beginning April—	Annual volume of trading	Average open contracts
	Million pounds	Million pounds		Million pounds	Million pounds		Million pounds	Million pounds
1938	68.0	16.9	1942	38.3	3.8	1946	20.0	4.4
1939	144.4	9.6	1943	39.1	4.2	1947	28.7	4.1
1940	161.7	8.8	1944	43.0	4.8			
1941	54.2	4.4	1945	37.7	5.6			

<sup>1</sup> 9-month average. Comparable data not available prior to July 1938.

Commodity Exchange Authority. Figures beginning Aug. 1, 1938, compiled from daily reports from exchange clearing members; prior data obtained from the Wool Associates of the New York Cotton Exchange, Inc.

TABLE 481.—Wool: International trade, average 1935-39, annual 1946 and 1947

Continent and country	Average 1935-39		1946		1947 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:						
Canada.....	6,241	19,337	4,481	53,169	3,131	39,339
Mexico.....	( <sup>2</sup> )	2,041	5	12,115	( <sup>2</sup> )	9,140
United States.....	325	224,498	13,388	1,246,727	12,720	644,000
Total.....	6,566	245,876	17,874	1,312,011		
Europe:						
Austria.....	183	<sup>3</sup> 20,900	0	0	( <sup>5</sup> )	( <sup>5</sup> )
Belgium.....	98,316	226,345	16,252	259,206	69,549	260,286
Bulgaria.....	4	1,693	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Czechoslovakia.....	<sup>3</sup> 1,050	<sup>3</sup> 36,387	0	25,006	0	64,241
Denmark.....	353	4,149	798	9,081	621	12,867
Eire.....	14,250	691	8,355	4,413	8,749	5,304
Estonia.....	0	<sup>4</sup> 793	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Finland.....	0	5,772	0	3,157	( <sup>5</sup> )	( <sup>5</sup> )
France.....	59,575	403,345	3,494	573,549	6,700	346,063
Germany.....	0	259,932	0	0	( <sup>5</sup> <sup>7</sup> )	( <sup>5</sup> <sup>7</sup> )
Greece.....	1,706	7,717	0	<sup>1</sup> 2,158	0	4,250
Hungary.....	839	2,126	0	<sup>1</sup> 2,476	0	7,765
Iceland.....	1,512	0	1,700	0	3,000	0
Italy.....	1,040	78,958	577	167,463	<sup>8</sup> 1,993	<sup>8</sup> 306,147
Latvia.....	0	<sup>8</sup> 1,885	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Lithuania.....	0	1,010	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Netherlands.....	3,908	16,318	4,797	32,419	1,014	6,059
Norway.....	272	2,161		17,767		8,862
Poland.....	<sup>8</sup> 80	<sup>8</sup> 46,045	0	<sup>9</sup> 42,461	( <sup>5</sup> )	( <sup>5</sup> )
Portugal.....	2,188	3,377	88	14,610	( <sup>5</sup> )	23,992
Rumania.....	600	1,334	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Spain.....	<sup>10</sup> 2,195	<sup>10</sup> 12,236	<sup>12</sup> 4,224	17,301	( <sup>5</sup> )	( <sup>5</sup> )
Sweden.....	427	16,885	5,894	39,270	( <sup>6</sup> )	37,522
Switzerland.....	271	17,234	1,829	37,639	501	30,392
United Kingdom.....	26,072	628,893	41,185	475,257	25,792	620,832
Yugoslavia.....	1,143	8,179	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Total.....	215,984	1,804,365	87,393	1,703,233		
U. S. S. R.....	0	<sup>8</sup> 63,862	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Asia:						
Cyprus.....	1,226	0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Iran.....	12,890	0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Iraq.....	13,651	0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Syria and Lebanon.....	<sup>8</sup> 5,787	<sup>3</sup> 386	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Turkey.....	17,639	1,182	1,159	10,399	( <sup>5</sup> )	( <sup>5</sup> )
China.....	23,608	0	<sup>1</sup> 1,036	0	( <sup>5</sup> )	0
Japan.....	0	188,257	0	( <sup>5</sup> )	0	( <sup>5</sup> )
Total.....	74,801	189,825	2,195	10,399		
South America:						
Argentina.....	305,725	80	452,432	0	410,000	0
Bolivia.....	0	166	0	2,814	0	( <sup>5</sup> )
Brazil.....	10,151	3,783	4,796	3,967	9,325	4,047
Chile.....	23,335	769	16,667	3,904	13,148	2,110
Ecuador.....	132	0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Falkland Islands.....	4,084	0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Peru.....	5,130	0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Uruguay.....	105,478	0	151,377	0	169,711	0
Total.....	454,035	4,798	625,272	10,685		
Africa:						
Algeria.....	12,822	0	1,741	<sup>1</sup> 3,366	( <sup>5</sup> )	( <sup>5</sup> )
Egypt and Sudan.....	4,489	0	<sup>1</sup> 7,181	<sup>1</sup> 1,851	641	2,800
French Morocco.....	10,036	0	<sup>1</sup> 4,931	1,246	2,590	5,260
Tunisia.....	<sup>3</sup> 3,241	0	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Union of South Africa.....	228,555	0	467,526	0	220,000	0
Total.....	259,143	0	480,379	6,463		
Oceania:						
Australia.....	821,740	0	1,168,964	0	865,990	0
New Zealand.....	273,618	0	365,199	0	357,811	0
Total.....	1,095,358	0	1,534,163	0		
World total.....	2,105,887	2,308,726	2,747,276	3,042,791		

TABLE 482.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and cash receipts, 7 principal producing States, 1930-47

Year	Goats clipped	Average clip per goat <sup>1</sup>	Mohair production	Price per pound	Cash receipts	Year	Goats clipped	Average clip per goat <sup>1</sup>	Mohair production	Price per pound	Cash receipts
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1930.....	4,241	4.1	17,583	33.5	5,887	1939.....	4,068	4.6	18,785	47.3	8,882
1931.....	4,457	4.3	19,376	16.6	3,224	1940.....	4,297	4.9	21,144	49.7	10,504
1932.....	4,201	4.0	16,935	9.0	1,520	1941.....	4,542	4.8	21,766	56.9	12,389
1933.....	4,092	4.0	16,539	29.2	4,834	1942.....	4,322	4.8	20,676	49.3	10,203
1934.....	3,916	4.1	16,182	18.8	3,047	1943.....	4,276	4.7	20,156	57.1	11,518
1935.....	3,565	4.4	15,720	36.4	5,716	1944.....	4,109	5.0	20,467	60.1	12,306
1936.....	3,715	4.3	16,124	53.7	8,663	1945.....	4,291	5.1	22,038	55.3	12,192
1937.....	3,774	4.4	16,528	54.0	8,918	1946.....	3,943	4.9	19,329	61.1	11,803
1938.....	3,918	4.3	16,827	34.8	5,863	1947 <sup>2</sup> .....	3,729	5.0	18,476	60.2	11,119

<sup>1</sup> In States where goats are clipped twice a year, the number clipped is the sum of the goats and kids clipped in the spring and of kids clipped in the fall.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1920-29 in Agricultural Statistics, 1942, table 566.

#### FOOTNOTES FOR TABLE 481

<sup>1</sup> Preliminary.

<sup>2</sup> Less than 500 pounds.

<sup>3</sup> 4-year average 1935 to 1938.

<sup>4</sup> Beginning April 1938, trade between Austria and Germany no longer reported as foreign trade in German statistics. The same applies to trade between Czechoslovakia for the period October to December 1938.

<sup>5</sup> Not available.

<sup>6</sup> Not reported separately,—includes all types of wool.

<sup>7</sup> Imports commenced September 1947.

<sup>8</sup> Includes scoured, dyed, and waste.

<sup>9</sup> UNRRA supplied 37 million pounds. The rest was supplied by U.S.S.R.

<sup>10</sup> Two-year average.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of United States foreign-service officers, and other information.

TABLE 483.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and cash receipts, by principal producing States, average 1936-45, annual 1946 and 1947

State	Goats clipped <sup>1</sup>			Average clip per goat			Mohair production			Price per pound			Cash receipts		
	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947	Average 1936-45	1946	1947 <sup>2</sup>	Average 1936-45	1946	1947 <sup>2</sup>
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Missouri.....	88	67	61	2.4	2.9	2.9	214	194	177	38	40	38	82	78	67
Texas.....	3,482	3,580	3,445	4.8	5.0	5.1	16,802	17,880	17,407	53	62	61	8,965	11,086	10,618
New Mexico.....	193	103	72	4.9	5.0	5.1	944	516	368	48	54	53	446	279	195
Arizona.....	201	105	72	4.0	4.0	3.2	793	429	232	46	53	52	369	223	121
Utah.....	31	10	4	5.3	4.4	3.0	162	44	12	40	43	37	65	19	4
Oregon.....	110	58	57	4.0	3.5	3.8	441	293	217	41	44	42	180	89	91
California.....	26	20	18	3.6	3.6	3.5	95	72	63	39	40	37	37	29	23
Total.....	4,131	3,943	3,729	4.7	4.9	5.0	19,451	19,329	18,476	51.8	61.1	60.2	10,144	11,803	11,119

<sup>1</sup> In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and of kids clipped in the fall.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 484.—Meat and meat food products from foreign countries federally inspected and passed for entry into the United States, 1938-47

Year	Chilled and frozen fresh meats			Cured meat	Canned meat	Sausage (not canned)	Other products <sup>1</sup>	Total
	Beef and veal	Mutton and lamb	Pork					
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938	1,977.9	9.3	4,478.7	4,509.0	117,225.2	820.6	3,699.4	132,670.1
1939	3,057.7	240.6	2,303.1	3,937.2	131,454.9	731.0	4,294.1	146,018.6
1940	13,103.4	54.4	3,270.9	1,895.5	58,263.3	353.0	4,955.7	81,896.2
1941	42,044.3	348.9	10,648.2	3,023.9	100,715.7	196.8	12,301.7	169,279.5
1942	17,082.3	449.2	11.2	3,465.8	96,888.0	391.4	22,605.7	140,893.6
1943	1,152.9	778.3	-----	6,458.0	85,605.5	2,169.4	9,062.4	105,226.5
1944	3,431.2	5.3	-----	2,474.2	33,680.0	208.6	6,811.9	46,611.2
1945	4,079.4	-----	9.7	12,266.0	54,108.0	236.4	9,273.2	79,972.7
1946	3,126.5	9.5	152.2	11,707.3	61,221.2	82.7	2,888.1	79,187.5
1947	1,380.0	-----	56.3	3,538.9	37,232.9	11.1	2,438.7	44,657.9

<sup>1</sup> Includes oleo stock, oleo oil, oleostearin, edible tallow, extracts and bouillon cubes, pastes, etc. Bureau of Animal Industry.

TABLE 485.—Meat and meat food products prepared and processed under Federal inspection, 1941-47<sup>1</sup>

Product	1941	1942	1943	1944	1945	1946	1947
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Meat placed in cure:							
Beef	136,823	125,067	148,108	117,781	113,129	68,442	124,029
Pork	2,888,336	3,183,183	3,646,583	3,688,109	2,402,085	2,577,861	3,029,593
Smoked and/or dried:							
Beef	60,169	65,458	42,900	62,615	44,242	28,072	68,103
Pork	1,680,689	1,812,574	2,210,387	2,257,538	1,487,354	1,599,312	1,840,341
Sausage:							
Fresh, finished	148,269	200,384	391,444	416,235	479,161	315,569	246,968
Smoked and/or cooked	642,202	811,937	985,358	1,029,976	1,101,153	973,675	1,019,089
To be dried or semidried	124,233	118,963	144,950	142,192	135,881	109,398	136,503
Loaf, headcheese, chile con carne, jellied products, etc.	142,301	182,066	241,110	209,064	249,762	208,499	191,123
Cooked meat:							
Beef	6,863	12,583	28,640	32,923	32,712	24,726	33,339
Pork	255,943	259,227	362,004	486,679	323,096	426,106	525,138
Canned meat and meat food products:							
Beef	107,340	157,950	109,467	187,107	268,385	146,173	136,452
Pork	462,855	977,633	1,211,601	894,390	850,530	644,266	447,471
Sausage	92,719	285,430	239,986	229,024	151,865	70,192	117,076
Soup	277,093	251,922	218,255	303,533	339,860	392,618	419,173
All other	221,005	505,569	490,143	630,174	655,280	482,204	397,479
Bacon, sliced	319,925	356,749	488,745	549,857	382,675	522,918	589,091
Lard:							
Rendered	1,367,292	1,540,725	1,863,781	2,135,936	1,213,855	1,263,212	1,632,749
Refined	1,191,730	1,390,726	1,516,397	1,647,097	1,005,257	1,046,816	1,234,736
Canned	13,032	13,366	-----	-----	-----	-----	-----
Rendered pork fat:							
Rendered	158,565	183,737	215,875	230,961	97,089	80,297	89,729
Refined	79,640	105,878	125,653	124,685	66,472	54,808	50,602
Canned	5,730	5,952	-----	-----	-----	-----	-----
Oleo stock	141,691	152,853	145,385	125,262	135,190	81,867	100,404
Edible tallow	68,916	92,435	115,280	84,575	103,358	62,150	88,432
Compound containing animal fat	231,922	287,067	328,304	241,224	284,472	263,166	253,774
Oleomargarine containing animal fat	52,401	57,726	60,811	52,209	49,666	33,284	36,292
Miscellaneous	44,124	33,084	40,698	62,403	46,631	40,452	60,478
Total	10,921,808	13,170,244	15,371,865	15,931,549	12,019,160	11,515,993	12,870,064

<sup>1</sup> The figures in this table do not represent production, as a product may be inspected more than once in course of further manufacture.

Bureau of Animal Industry. Data for 1928-39 in Agricultural Statistics, 1940, table 552. Data for 1940 in the 1941 book, table 547.

TABLE 486.—Meat<sup>1</sup>: Production of beef and veal, pork, mutton and lamb, and total meats in specified countries, average 1934-38, annual 1946 and 1947

(Preliminary)

Continent and country	Beef and veal			Pork (excluding lard)			Mutton and lamb			Total <sup>2</sup>		
	Average 1934-38	1946	1947	Average 1934-38	1946	1947	Average 1934-38	1946	1947	Average 1934-38	1946	1947
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
North America:												
Canada <sup>3</sup> .....	735	1,185	1,089	621	994	972	61	71	67	1,417	2,250	2,128
Mexico.....	492	614	595	167	243	265	14	18	18	698	902	904
United States <sup>4</sup> .....	7,974	10,818	12,000	7,337	11,173	10,500	871	970	800	16,182	22,961	23,300
Cuba <sup>4</sup> .....	269	311	315	38	38	43	2	2	2	309	351	360
Europe:												
Austria <sup>5</sup> .....	231	145	170	359	150	210	6 18	6 2	6 5	617	300	390
Belgium.....	304	179	224	367	210	225	7	10	7	693	420	496
Bulgaria <sup>7</sup> .....	105	63	85	134	83	95	88	51	80	337	212	280
Czechoslovakia <sup>8</sup> .....	411	377	520	480	300	424	6	4	3	912	703	975
Denmark.....	316	365	430	675	432	449	6	10	9	1,096	829	905
Eire.....	103	190	180	196	135	135	37	55	45	336	380	360
Finland.....	139	86	95	104	56	88	11	10	12	254	160	220
France.....	1,947	1,654	1,800	1,419	850	1,040	218	6 110	6 130	3,684	2,701	3,115
Germany <sup>9</sup> .....	1,300	850	950	2,140	770	790	40	38	40	3,510	1,675	1,790
Greece <sup>5</sup> .....	32	25	30	27	25	30	6 136	6 105	6 110	195	155	170
Hungary <sup>10</sup> .....	121	.....	.....	386	.....	.....	22	.....	.....	538	300	500
Italy.....	732	11 479	11 545	675	11 475	11 585	6 108	6 11 82	6 11 90	1,542	11 1,066	11 1,253
Netherlands.....	308	196	245	548	172	200	20	9	5	894	386	467
Norway <sup>11</sup> .....	94	108	96	89	44	44	32	31	31	223	195	178
Poland <sup>12</sup> .....	528	195	310	1,032	495	780	22	8	10	1,598	705	1,105
Rumania.....	247	.....	.....	222	.....	.....	6 188	.....	.....	657	.....	.....
Sweden <sup>3</sup> .....	292	273	308	327	309	308	6 8	6 10	6 9	649	622	662
Switzerland.....	217	154	184	190	94	103	4	3	3	419	259	298
United Kingdom.....	1,380	1,281	1,143	890	367	300	455	341	257	2,725	1,989	1,700
Yugoslavia.....	243	.....	.....	476	.....	.....	6 147	.....	.....	888	.....	.....
U.S.S.R. <sup>13</sup> .....	2,855	.....	.....	3,459	.....	.....	978	.....	.....	7,292	.....	.....
South America:												
Argentina <sup>14</sup> .....	3,838	3,866	4,630	243	421	270	378	742	780	4,459	5,029	5,680
Brazil <sup>15</sup> .....	1,821	1,622	1,700	487	507	510	15	49	50	2,331	2,204	2,285
Chile.....	235	285	261	39	53	52	72	103	85	349	442	400
Paraguay.....	15 87	200	220	.....	.....	.....	.....	.....	.....	15 87	200	220
Uruguay <sup>15</sup> .....	495	418	342	14	31	23	62	51	45	571	500	410
Africa:												
Union of South Africa.....	421	627	635	64	62	70	6 186	6 194	6 185	671	883	880
Oceania:												
Australia.....	11 1,190	981	1,102	11 195	240	206	11 709	716	718	11 2,094	1,937	2,026
New Zealand <sup>16</sup> .....	365	395	428	106	83	85	553	697	703	1,024	1,175	1,216

<sup>1</sup> Carcass meat basis,—excludes edible offal and lard.<sup>2</sup> Includes other meats, such as horse and goat meat. Excludes offal, rabbit and poultry meat.<sup>3</sup> Averages for years 1935-1939.<sup>4</sup> Averages for years 1936-1940.<sup>5</sup> Averages for years 1933-37.<sup>6</sup> Includes goat meat.<sup>7</sup> Averages for years 1935-38. Includes Southern Dobruja in 1946 and 1947.<sup>8</sup> Year 1936 only for prewar. Excludes Sub-Carpathian Russia.<sup>9</sup> Bizone (U. S.—U. K.) only.<sup>10</sup> Averages for years 1936-38.<sup>11</sup> Year beginning July 1.<sup>12</sup> Data for 1946 and 1947 relate to territory within present boundaries.<sup>13</sup> Year 1938.<sup>14</sup> Excludes farm production of pork for farm consumption.<sup>15</sup> Excludes farm production.<sup>16</sup> Year beginning June 1 for years 1936-38; year beginning Oct. 1 of preceding year for years 1946 and 1947.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, United States foreign service reports, and other information. Data relate to prewar boundaries, unless otherwise noted.

TABLE 487.—Total meats, meat products, and by-products officially graded, United States, 1933-47<sup>1</sup>

Year	Fresh and frozen <sup>2</sup>					Meats, canned <sup>3</sup>	Meats, cured <sup>4</sup>
	Beef	Veal	Lamb	Mutton	Pork		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938	602,809	6,180	28,015		3,864		33,137
1939	512,017	5,684	24,214		8,054		39,245
1940	578,436	6,896	21,568	3,197	7,898		15,560
1941	789,894	9,701	29,417	2,768	9,608	188,449	237,779
1942	1,485,197	105,535	74,143	3,959	98,890	875,556	395,395
1943	6,710,715	784,869	774,038	216,734	389,269	1,024,801	472,273
1944	8,355,997	1,450,752	855,275	211,204	544,874	418,628	456,166
1945	9,176,756	1,319,006	769,691	254,599	180,528	359,558	210,409
1946	6,849,566	911,661	684,915	148,893	112,022	157,147	127,289
1947	2,931,463	236,525	188,428	20,442	13,607		20,763

  

Year	Lard	Lard substitutes and edible tallow	Sausage and ground meats	Miscellaneous meats	Total meats and lard <sup>4</sup>	Oleomargarine and lard <sup>5</sup>	Hog casings <sup>5</sup>	Beef bungs	Horse meat, canned and cured
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bundles	1,000 pieces	1,000 pounds
1938	751	143	40,957	1,976	717,832				
1939	950	135	42,737	2,098	635,134				
1940	1,069	196	12,699	3,325	650,844				
1941	257,006	273	6,962	4,507	1,536,364	2,398	1,423	193	
1942	622,524	19,555	7,252	3,253	3,691,259	65,029	3,886	309	
1943	759,625	13,811	7,303	3,037	11,156,475	117,527	2,895		
1944	929,115	1,401	16,854	8,574	13,278,840	158,723	4,881		
1945	256,242	1,920	20,308	5,343	12,554,359	72,818	1,094		
1946	274,792	852	9,163	2,987	9,279,288	22,048	5		31,701
1947	99,060	587	10,246	5,658	3,526,779	7,947			23,245

<sup>1</sup> Based on estimated weight of carcasses and meat products. Includes all gradings for the Commodity Credit Corporation for the period 1941-47.

<sup>2</sup> National Live Stock and Meat Board cooperating.

<sup>3</sup> In the commercial grading, canned meats are included with cured meats. The figures shown in this table for canned meats are exclusively those for gradings in behalf of the Commodity Credit Corporation.

<sup>4</sup> Totals based on rounded numbers.

<sup>5</sup> 100 yards to the bundle.

Production and Marketing Administration. Data for 1932-37 in Agricultural Statistics, 1942, table 570.

TABLE 488.—Meats officially graded, by grades, United States, 1947<sup>1</sup>

## QUANTITY GRADED

Classification	Prime	Choice	Good	Commer- cial	Utility <sup>2</sup>	Cutter and canner	All grades
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Beef.....	5,665	305,090	1,536,474	693,625	252,664	137,946	2,931,463
Veal.....	36	38,021	116,689	57,671	24,105	-----	236,525
Lamb.....	67	78,084	87,587	20,448	2,243	-----	188,428
Mutton.....	-----	1,694	9,027	6,563	3,157	-----	20,442

## PERCENTAGE OF TOTAL

	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Beef.....	0.2	10.4	52.4	23.7	8.6	4.7	100.0
Veal.....	.0	16.1	49.3	24.4	10.2	-----	109.0
Lamb.....	.0	41.4	46.5	10.9	1.2	-----	100.0
Mutton.....	-----	8.3	44.2	32.1	15.4	-----	100.0

<sup>1</sup> Figures shown are computed from estimated weights.<sup>2</sup> Includes Cull grade for veal, lamb, and mutton.

Production and Marketing Administration. Grading of meats was officially required by law during World War II, but was restored to a voluntary basis on Oct. 16, 1946. Data for 1946 in Agricultural Statistics, 1947, table 474.

TABLE 489.—Frozen and cured meats and lard: Cold-storage holdings as of the annual peak and low point, 1938-47

Year	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton		Edible offal <sup>1</sup>		Lard and rendered pork fat	
	High (Dec. 1)	Low (Sept. 1)	High (Mar. 1)	Low (Nov. 1)	High (Dec. 1)	Low (Oct. 1)	High (Feb. 1)	Low (Nov. 1)	High (July 1)	Low (Dec. 1)
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	<sup>2</sup> 60,970	<sup>3</sup> 33,601	582,654	251,645	<sup>4</sup> 3,523	<sup>5</sup> 1,861	81,179	50,268	<sup>6</sup> 126,066	<sup>7</sup> 53,693
1939.....	67,672	33,027	542,138	272,655	4,187	<sup>5</sup> 1,791	76,238	57,519	148,377	<sup>6</sup> 68,738
1940.....	<sup>7</sup> 78,573	<sup>8</sup> 35,663	<sup>8</sup> 652,733	303,712	<sup>2</sup> 4,503	<sup>5</sup> 3,192	<sup>4</sup> 106,654	53,062	306,774	<sup>7</sup> 162,105
1941.....	114,330	<sup>9</sup> 65,703	<sup>3</sup> 798,455	313,288	6,432	<sup>5</sup> 3,211	<sup>3</sup> 101,764	63,553	382,506	176,465
1942.....	<sup>4</sup> 150,410	<sup>10</sup> 81,556	616,004	257,445	26,462	<sup>10</sup> 5,313	123,229	71,555	<sup>7</sup> 209,470	57,434
1943.....	186,326	<sup>10</sup> 81,744	627,399	341,433	<sup>2</sup> 34,819	<sup>10</sup> 7,808	<sup>9</sup> 115,525	<sup>8</sup> 78,902	<sup>5</sup> 260,009	<sup>2</sup> 91,333
1944.....	<sup>8</sup> 293,971	<sup>11</sup> 114,589	<sup>10</sup> 803,357	296,815	<sup>7</sup> 34,599	<sup>9</sup> 12,721	<sup>4</sup> 152,090	<sup>11</sup> 34,672	<sup>12</sup> 498,235	90,536
1945.....	<sup>10</sup> 266,943	<sup>2</sup> 107,171	<sup>7</sup> 407,202	168,028	<sup>2</sup> 20,183	9,177	<sup>2</sup> 37,009	<sup>2</sup> 23,391	<sup>2</sup> 98,483	<sup>8</sup> 49,728
1946.....	<sup>7</sup> 179,153	<sup>6</sup> 58,749	426,545	<sup>13</sup> 99,859	<sup>7</sup> 19,189	8,844	<sup>8</sup> 49,196	<sup>13</sup> 21,631	<sup>4</sup> 90,184	<sup>13</sup> 30,021
1947.....	<sup>8</sup> 191,481	<sup>13</sup> 85,317	<sup>7</sup> 399,473	187,971	17,280	6,645	<sup>8</sup> 70,704	50,544	<sup>9</sup> 193,736	73,377

<sup>1</sup> Prior to July 1, 1944, trimmings were included with this item; since that date trimmings have been included with the appropriate meat.<sup>2</sup> Jan. 1. <sup>3</sup> June 1. <sup>4</sup> Mar. 1. <sup>5</sup> Sept. 1. <sup>6</sup> Nov. 1. <sup>7</sup> Feb. 1. <sup>8</sup> Apr. 1. <sup>9</sup> Aug. 1.<sup>10</sup> July 1. <sup>11</sup> Dec. 1. <sup>12</sup> May 1. <sup>13</sup> Oct. 1.

Production and Marketing Administration.

TABLE 490.—Meats (dressed-meat basis) and lard: Production, total and per capita consumption, United States, 1929-47 1

Year	Beef			Veal			Lamb and mutton			Pork excluding lard			All meats			Lard		
	Pro-duction	Consumption		Pro-duction	Consumption		Pro-duction	Consumption		Pro-duction	Consumption		Pro-duction	Consumption		Total	Per capita	
		Mil. lb.	Mil. lb.		Lb.	Mil. lb.		Lb.	Mil. lb.		Lb.	Mil. lb.		Lb.	Mil. lb.			Lb.
1929	5,871	6,048	49.3	761	766	6.3	682	685	5.6	8,833	8,483	69.2	16,147	15,982	130.4	2,461	1,598	Lb.
1930	5,917	6,048	48.6	792	794	6.4	825	824	6.7	8,482	8,245	66.6	16,016	15,884	128.3	2,227	1,584	12.8
1931	6,009	6,025	48.3	823	823	6.6	885	886	7.1	8,739	8,477	67.9	16,456	16,211	129.9	2,307	1,706	13.7
1932	5,789	5,830	46.4	822	822	6.6	884	882	7.0	8,923	8,826	70.3	16,418	16,361	130.3	2,380	1,814	14.4
1933 3	6,440	6,469	51.2	891	891	7.1	852	849	6.7	9,234	8,885	70.3	17,417	17,094	135.3	2,475	1,772	14.0
1934 3	6,315	6,066	49.3	1,246	1,182	9.3	851	798	6.3	8,397	8,141	64.0	18,839	18,187	143.1	2,091	1,648	13.0
1935 3	6,608	6,769	52.9	1,023	1,087	8.5	877	923	7.2	5,919	6,155	48.1	14,427	14,934	129.8	1,276	1,226	9.6
1936 3	7,358	7,742	60.1	1,075	1,075	8.3	854	849	6.6	7,474	7,061	54.8	16,761	16,727	129.8	1,679	1,449	11.2
1937	6,798	7,107	54.8	1,108	1,108	8.6	852	858	6.6	6,951	7,185	55.4	15,769	16,258	125.4	1,431	1,361	10.5
1938	6,908	7,058	54.0	994	994	7.6	897	894	6.8	7,680	7,554	57.8	16,479	16,500	126.2	1,728	1,440	11.0
1939	7,011	7,169	54.4	991	992	7.5	872	868	6.6	8,660	8,474	64.3	17,534	17,493	132.8	2,037	1,671	12.7
1940	7,175	7,257	54.7	981	981	7.4	876	873	6.6	10,044	9,701	73.0	19,076	18,812	141.7	2,288	1,924	14.2
1941	8,082	8,022	60.5	1,036	1,006	7.6	923	901	6.8	9,528	9,007	67.0	19,569	18,936	142.8	2,401	1,794	13.6
1942	8,843	8,049	60.8	1,151	1,084	8.2	1,042	949	7.2	10,876	8,369	63.3	21,912	18,451	139.5	2,865	1,838	14.2
1943	8,571	8,860	52.9	1,167	1,059	8.2	1,104	830	6.4	13,640	10,172	78.3	24,452	18,921	146.0	2,865	1,838	14.2
1944 4	9,112	7,146	55.3	1,738	1,594	12.4	1,024	857	6.6	13,304	10,230	79.2	25,178	19,827	153.5	3,064	1,873	14.5
1945 4	10,275	7,664	59.0	1,661	1,533	11.8	1,054	943	7.3	10,697	8,598	66.3	23,687	18,738	144.4	2,401	1,605	12.4
1946 4	9,373	8,534	61.3	1,440	1,378	9.9	970	925	6.6	11,173	10,530	75.6	22,956	21,367	153.4	2,138	1,667	12.0
1947 4 5	10,429	9,914	69.1	1,599	1,540	10.7	802	766	5.4	10,605	10,022	63.8	23,431	22,242	155.0	2,427	1,918	13.4

1 Dressed-carass weight of cattle, calves, sheep, and lambs; pork excluding lard is carcass weight of hogs minus an allowance for trimmable fat rendered for lard and rendered pork fat.

2 Includes lard entering into manufactured products.

3 Includes meat produced and consumed from animals slaughtered under the emergency Government relief-purchasing and hog-reduction programs, as follows:

Item	1933		1934		1935		1936	
	Pro-duced	Con-sumed	Pro-duced	Con-sumed	Pro-duced	Con-sumed	Pro-duced	Con-sumed
Beef	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Veal	181	1,279	1,000	60	38	1	302	
Lamb & mutton	51	151	1	6	69			
Pork	153	142	159	170	46		4	

4 The total apparent civilian consumption for the years 1941-47 was obtained by subtracting ending stocks, lend-lease, other exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age, less military personnel eating from military supplies.

5 Preliminary.

Bureau of Agricultural Economics.

TABLE 491.—Meat<sup>1</sup>: International trade, average 1934-38, annual 1946 and 1947

Continent and country	Average 1934-38		1946 <sup>2</sup>		1947 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
North America:						
Canada <sup>3</sup>	193,436	24,568	628,265	733	412,906	6,394
Mexico	23	1,130	6,245	171	15,358	812
United States <sup>3,4</sup>	114,600	262,000	1,129,300	22,000	281,400	64,000
Cuba	82	7,302	14	9,107	5	15,614
Total	308,100	295,000	1,763,800	32,000	709,700	86,800
Europe:						
Austria	760	13,097	( <sup>5</sup> )	<sup>6</sup> 83,800	( <sup>5</sup> )	<sup>6</sup> 42,100
Belgium	54,501	6,790	13,527	207,366	3,245	220,356
Bulgaria	4,715		13			
Czechoslovakia	637	5,275	( <sup>5</sup> )	<sup>6</sup> 130,700	11	<sup>6</sup> 37,000
Denmark <sup>7</sup>	534,141	758	283,300		313,805	
Eire	70,881	40	74,767		34,005	
Finland	6,435	1,257		8,486		<sup>6</sup> 5,600
France	4,698	51,958	667	273,253	4,993	143,942
Germany	4,148	156,081		<sup>6</sup> 44,100	( <sup>5</sup> )	<sup>6</sup> 23,400
Greece		2,689		<sup>6</sup> 68,700		<sup>5</sup> 10,600
Hungary	18,203		( <sup>5</sup> )	<sup>6</sup> 3,900	3,000	
Italy	11,597	73,542	31	117,900	1,847	68,908
Netherlands	85,571	21,974		87,704	2,152	21,388
Norway	2,244	4,378	150	12,386	162	1,801
Poland	113,490	62	( <sup>5</sup> )	<sup>6</sup> 149,400	( <sup>5</sup> )	<sup>6</sup> 79,800
Portugal <sup>8</sup>	936	525	305	5,869	357	10,750
Rumania	6,179		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	<sup>6</sup> 300
Spain <sup>9</sup>	2,666	4,733	282	3,664	( <sup>5</sup> )	<sup>6</sup> 28,200
Sweden <sup>9</sup>	31,097	14,914	2	24,912		31,085
Switzerland	1,350	8,515	73	15,456	117	36,527
United Kingdom <sup>10</sup>	28,008	3,455,910	17,344	3,481,629	9,354	3,532,319
Yugoslavia	18,901			<sup>6</sup> 83,300	( <sup>5</sup> )	<sup>6</sup> 15,700
Total	1,007,600	3,822,500	392,800	4,802,500	375,700	4,315,800
U. S. S. R.	8,295	6,213		<sup>6</sup> 231,700	( <sup>5</sup> )	<sup>6</sup> 15,700
South America:						
Argentina	1,460,045		1,472,885		2,009,000	
Brazil	213,538	2,563	237,994	681	127,000	
Chile	20,977	70	26,186		16,995	
Paraguay	16,483		47,700		11 30,000	
Uruguay	323,623	44	288,581		149,780	
Total	2,034,700	2,700	2,073,300	700	2,332,800	
Africa:						
Madagascar	30,410	434	24,202	16	42,115	
Southern Rhodesia	15,601	186	14,085	401	11,810	
Union of South Africa	13,542	19,643	3,710	26,166	12 4,000	<sup>6</sup> 5,700
Total	62,500	20,300	42,000	26,600	57,900	5,700
Oceania:						
Australia <sup>11</sup>	495,742	7	517,358		537,283	
New Zealand	594,138		786,821		789,210	
Total	1,089,900		1,304,200		1,326,500	
Estimated world total	4,511,100	4,146,700	5,576,800	5,093,500	4,803,100	4,424,000

<sup>1</sup> All meats converted to a carcass-weight equivalent. Includes beef and veal, pork, mutton and lamb, goat and horse meat; excludes live animals, edible offal, lard, rabbit and poultry meat.

<sup>2</sup> Preliminary.

<sup>3</sup> Average for years 1935-39.

<sup>4</sup> Excludes exports of horse meat, which averaged 2 million pounds in 1935-39, 4 million in 1946 and 119 million in 1947.

<sup>5</sup> Not available.

<sup>6</sup> Based on exports from supplying countries reporting exports by destination.

<sup>7</sup> Includes carcass weight equivalent of live cattle exported.

<sup>8</sup> Averages for years 1934-37.

<sup>9</sup> Averages for years 1931-35.

<sup>10</sup> Includes edible offal.

<sup>11</sup> Based on imports into receiving countries reporting imports by origin.

<sup>12</sup> Estimate based on exports for 3 months.

<sup>13</sup> Year beginning July 1 for 1934-38 average.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, and other available information. Totals include estimates for some countries for which official statistics are unavailable, although in postwar years some international trade may have been excluded because of lack of information upon which to base estimates.

TABLE 492.—*Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1938-47*

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned
	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands	Thous- sands
1938	9,776	54.7	5,492	18.2	18,060	37.7	6	0	36,186	87.1	24	.2
1939	9,446	55.0	5,264	16.6	17,241	38.3	3	0	41,368	97.3	28	.1
1940	9,756	59.1	5,359	19.3	17,351	44.5	5	0	50,398	128.5	19	.2
1941	10,946	64.5	5,461	20.5	18,125	56.2	10	1	46,520	125.6	26	.2
1942	12,347	65.3	5,760	21.2	21,625	103.5	25	2	53,897	133.0	29	.4
1943	11,727	64.0	5,209	23.8	23,363	110.5	14	.1	63,431	141.5	57	1.3
1944	13,960	81.2	7,770	45.9	21,876	93.4	7	0	69,017	158.3	52	.1
1945	14,521	74.7	7,017	49.7	21,217	92.8	13	2	40,914	115.6	78	1.8
1946	11,413	59.7	5,842	46.7	19,885	85.0	87	.4	44,394	107.7	192	1.9
1947	11,536	83.5	7,939	57.0	16,667	76.0	114	.4	49,116	115.8	276	2.3

Bureau of Animal Industry. These figures do not include parts of carcasses, data concerning which may be obtained from the Meat Inspection Division.

TABLE 493.—*Hides, country: Average price per pound at Chicago, 1938-47*

Year	Ex- tremes	Heavy steers	Heavy cows	No. 1 buffs	No. 2 buffs	Bulls	Country, packer, brands	Country branded	City calf- skins	City kip- skins
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1938	9.10	7.73	7.41	7.74	6.74	5.75	7.36	7.09	13.93	11.40
1939	11.74	9.13	8.70	9.75	8.75	6.76	9.44	9.02	18.51	14.80
1940	12.47	9.27	8.88	10.49	9.49	6.09	10.07	9.67	21.85	18.02
1941	14.28	11.68	11.30	13.39	12.39	7.34	12.27	11.92	23.59	18.77
1942	15.50	13.50	13.00	15.50	14.50	9.83	13.94	13.64	23.00	18.00
1943	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1944	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1945	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1946	17.15	14.72	14.25	16.67	15.67	11.52	15.37	14.92	29.77	20.23
1947	22.96	17.22	17.35	20.52	19.52	12.85	21.89	20.88	61.63	36.87

Bureau of Agricultural Economics. Compiled from annual reports of the Chicago Board of Trade. Data for earlier years in 1931 Yearbook, table 429, and Agricultural Statistics, 1941, table 556.

TABLE 494.—*Hides, packer: Average price per pound at Chicago, 1938-47*

Year	Steers					Cows			Bulls	
	Heavy native	Heavy Texas	Light Texas	Butt branded	Colo- rados	Heavy native	Light native	Branded	Native	Branded
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1938	11.61	11.38	10.32	11.37	10.86	10.13	10.29	9.87	8.05	7.06
1939	12.13	12.02	11.12	12.03	11.60	11.63	12.06	11.55	8.64	7.64
1940	12.50	11.95	11.26	11.94	11.46	12.20	12.64	11.78	8.94	7.94
1941	14.49	14.08	13.90	13.96	13.70	14.31	14.68	14.16	11.18	10.18
1942	15.50	14.50	14.50	14.50	14.22	15.50	15.50	14.50	12.00	11.00
1943	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1944	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1945	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1946	18.55	17.35	17.35	17.35	17.29	18.41	18.36	17.32	14.21	13.17
1947	27.25	24.90	24.90	24.90	24.42	26.77	28.70	25.95	19.37	18.37

Bureau of Agricultural Economics. Compiled from annual reports of the Chicago Board of Trade.

TABLE 495.—Horses and mules: Number on farms and value, United States, Jan. 1, 1930-48<sup>1</sup>

Year	Horses			Mules		
	Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1930 <sup>2</sup>	13,384			5,354		
1930	13,742	69.98	961,664	5,382	83.93	451,725
1931	13,195	60.64	800,198	5,273	69.23	365,049
1932	12,664	53.48	677,211	5,148	60.70	312,494
1933	12,291	54.12	665,178	5,046	60.42	304,895
1934	12,052	66.88	805,994	4,945	82.42	407,566
1935 <sup>2</sup>	11,858			4,818		
1935	11,861	77.05	913,870	4,822	99.34	478,998
1936	11,598	96.73	1,121,851	4,628	120.63	558,253
1937	11,342	99.14	1,124,405	4,460	130.25	580,911
1938	10,995	90.89	999,365	4,250	123.39	524,409
1939	10,629	84.32	896,201	4,163	118.58	493,654
1940 <sup>2</sup>	10,087			3,845		
1940	10,444	77.30	807,611	4,034	116.00	466,793
1941	10,193	68.20	695,216	3,911	107.00	419,013
1942	9,873	64.70	638,296	3,782	107.00	405,980
1943	9,605	79.80	766,384	3,626	127.00	462,201
1944	9,192	78.60	722,782	3,421	143.00	490,371
1945 <sup>2</sup>	8,499			3,180		
1945	8,715	64.90	565,363	3,235	134.00	433,776
1946	8,053	57.40	462,384	3,010	133.00	400,705
1947	7,249	59.20	428,798	2,772	141.00	389,776
1948 <sup>3</sup>	6,607	55.50	366,450	2,544	133.00	337,901

<sup>1</sup> Including colts.<sup>2</sup> Italic figures are from the census. Census dates: Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; Jan. 1, 1945. 1930 and 1940 exclude spring-born colts.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 579.

TABLE 496.—Horses and mules, by classes: Number on farms, Jan. 1, 1930-48

Year	Horses				Mules			
	All horses	2 years and over	1-2 years	Under 1 year	All mules	2 years and over	1-2 years	Under 1 year
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1930	13,742	12,772	475	495	5,382	5,209	94	79
1931	13,195	12,253	489	453	5,273	5,122	82	69
1932	12,664	11,797	454	413	5,148	5,025	72	51
1933	12,291	11,461	414	416	5,046	4,943	54	49
1934	12,052	11,141	416	495	4,945	4,843	51	51
1935	11,861	10,761	490	610	4,822	4,712	52	58
1936	11,598	10,338	605	655	4,628	4,501	54	73
1937	11,342	10,016	642	684	4,460	4,314	62	84
1938	10,995	9,609	680	706	4,250	4,081	69	100
1939	10,629	9,310	685	634	4,163	3,963	86	114
1940	10,444	9,200	623	621	4,034	3,800	101	133
1941	10,193	9,000	602	591	3,911	3,651	120	140
1942	9,873	8,810	560	503	3,782	3,536	116	130
1943	9,605	8,718	485	402	3,626	3,399	115	112
1944	9,192	8,444	384	364	3,421	3,224	99	98
1945	8,715	8,059	343	313	3,235	3,057	91	87
1946	8,053	7,522	291	240	3,010	2,870	75	65
1947	7,249	6,812	230	207	2,772	2,662	59	51
1948 <sup>1</sup>	6,607	6,224	197	186	2,544	2,456	48	40

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.



TABLE 497.—Horses: Number on farms, and farm value per head, by States, Jan. 1, average 1937-46, annual 1946-48<sup>1</sup>

State and division	Number				Farm value per head			
	Average, 1937-46	1946	1947	1948 <sup>2</sup>	Average, 1937-46	1946	1947	1948 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	Dollars
Maine.....	39	35	33	31	154.00	153.00	143.00	120.00
New Hampshire.....	15	14	13	12	144.00	144.00	142.00	116.00
Vermont.....	42	39	38	36	139.00	123.00	122.00	92.00
Massachusetts.....	21	18	17	16	150.00	148.00	140.00	112.00
Rhode Island.....	2	2	2	2	148.00	145.00	140.00	114.00
Connecticut.....	18	14	13	12	156.00	147.00	139.00	116.00
New York.....	269	217	202	182	134.00	103.00	95.00	80.00
New Jersey.....	27	19	18	17	132.00	104.00	93.00	77.00
Pennsylvania.....	246	191	170	153	120.00	91.00	87.00	76.00
North Atlantic.....	679	549	506	461	132.00	107.00	101.00	85.30
Ohio.....	387	252	214	184	91.10	58.00	60.00	60.00
Indiana.....	308	203	175	147	84.80	53.00	55.00	51.00
Illinois.....	520	348	296	249	76.30	47.00	52.00	49.00
Michigan.....	311	207	172	143	94.50	51.00	48.00	50.00
Wisconsin.....	478	379	337	300	103.00	75.00	67.00	69.00
East North Central.....	2,004	1,389	1,194	1,023	89.70	58.10	57.50	57.30
Minnesota.....	597	446	392	345	75.50	46.00	47.00	50.00
Iowa.....	694	496	412	346	75.30	44.00	47.00	47.00
Missouri.....	518	484	450	428	65.30	43.00	51.00	43.00
North Dakota.....	342	240	202	178	52.40	25.00	30.00	36.00
South Dakota.....	344	280	241	219	52.30	31.00	33.00	35.00
Nebraska.....	470	389	338	301	57.00	36.00	37.00	36.00
Kansas.....	391	317	279	257	58.40	36.00	37.00	36.00
West North Central.....	3,356	2,652	2,314	2,074	64.60	38.90	42.20	41.50
North Central.....	5,360	4,041	3,508	3,097	74.10	45.50	47.40	46.70
Delaware.....	13	11	10	9	92.40	78.00	82.00	81.00
Maryland.....	76	62	57	53	102.00	87.00	91.00	81.00
Virginia.....	167	160	154	148	109.00	99.00	104.00	91.00
West Virginia.....	99	99	96	93	105.00	101.00	101.00	78.00
North Carolina.....	82	95	95	92	123.00	144.00	140.00	124.00
South Carolina.....	22	24	24	23	118.00	129.00	138.00	122.00
Georgia.....	36	38	38	38	110.00	116.00	119.00	116.00
Florida.....	22	27	27	26	101.00	110.00	112.00	102.00
South Atlantic.....	518	516	501	482	110.00	109.00	112.00	97.50
Kentucky.....	235	222	213	204	88.00	84.00	84.00	71.00
Tennessee.....	166	156	148	145	92.60	94.00	97.00	85.00
Alabama.....	62	66	63	62	94.80	101.00	101.00	93.00
Mississippi.....	110	124	120	115	81.20	80.00	80.00	70.00
Arkansas.....	168	166	158	150	61.10	53.00	58.00	48.00
Louisiana.....	140	139	132	121	65.20	71.00	68.00	68.00
Oklahoma.....	359	310	279	257	51.30	32.00	37.00	32.00
Texas.....	614	509	468	440	56.20	51.00	50.00	47.00
South Central.....	1,856	1,692	1,581	1,494	66.60	61.70	63.30	56.90
Montana.....	247	216	190	171	42.00	29.00	33.00	30.00
Idaho.....	166	136	120	108	58.10	37.00	40.00	43.00
Wyoming.....	124	106	100	94	45.10	28.00	30.00	30.00
Colorado.....	214	175	161	148	54.60	33.00	35.00	35.00
New Mexico.....	123	106	95	86	45.40	33.00	42.00	38.00
Arizona.....	75	72	71	70	59.70	61.00	65.00	60.00
Utah.....	79	74	70	67	70.20	68.00	65.00	56.00
Nevada.....	38	39	38	38	70.50	65.00	62.00	53.00
Washington.....	125	88	79	75	66.30	60.00	48.00	53.00
Oregon.....	131	100	92	86	67.70	52.00	50.00	49.00
California.....	170	143	137	130	96.30	90.00	85.00	87.00
Western.....	1,492	1,255	1,153	1,073	59.80	46.90	47.90	47.10
United States.....	9,904	8,053	7,249	6,607	76.50	57.40	59.20	55.50

<sup>1</sup> Including colts.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 498.—Mules: Number on farms, and farm value per head, by States, Jan. 1, average 1937-46, annual 1946-48<sup>1</sup>

State and division	Number				Farm value per head			
	Average 1937-46	1946	1947	1948 <sup>2</sup>	Average 1937-46	1946	1947	1948 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	Dollars
New York.....	4	3	3	2	140.00	110.00	96.00	80.00
New Jersey.....	3	2	2	2	139.00	110.00	104.00	86.00
Pennsylvania.....	41	25	22	18	133.00	104.00	96.00	88.00
North Atlantic.....	48	30	27	22	134.00	105.00	96.60	87.10
Ohio.....	24	13	10	9	99.60	77.00	79.00	75.00
Indiana.....	52	25	20	17	104.00	87.00	87.00	78.00
Illinois.....	70	40	30	23	94.80	75.00	78.00	75.00
Michigan.....	6	3	2	2	100.00	64.00	60.00	59.00
Wisconsin.....	4	3	2	2	108.00	83.00	76.00	72.00
East North Central.....	155	84	64	53	99.20	78.80	80.30	75.20
Minnesota.....	8	4	3	2	82.30	53.00	57.00	56.00
Iowa.....	41	20	15	10	83.90	61.00	66.00	65.00
Missouri.....	194	155	135	105	92.50	75.00	85.00	74.00
North Dakota.....	2	1	1	1	66.50	39.00	39.00	40.00
South Dakota.....	6	3	2	2	67.50	39.00	45.00	48.00
Nebraska.....	44	20	15	12	76.40	53.00	55.00	53.00
Kansas.....	58	35	24	18	77.10	56.00	64.00	59.00
West North Central.....	353	238	195	150	87.00	68.20	77.60	69.10
North Central.....	508	322	259	203	90.80	71.00	78.30	70.70
Delaware.....	7	5	4	4	121.00	109.00	112.00	100.00
Maryland.....	23	16	13	12	127.00	111.00	120.00	97.00
Virginia.....	89	80	77	73	150.00	153.00	161.00	153.00
West Virginia.....	10	7	6	5	108.00	102.00	104.00	84.00
North Carolina.....	296	283	277	269	190.00	229.00	229.00	219.00
South Carolina.....	176	164	162	159	185.00	217.00	229.00	209.00
Georgia.....	309	276	268	257	171.00	194.00	204.00	197.00
Florida.....	36	34	33	30	149.00	160.00	160.00	165.00
South Atlantic.....	947	865	840	809	175.00	202.00	209.00	199.00
Kentucky.....	217	191	176	171	114.00	118.00	119.00	105.00
Tennessee.....	283	259	249	234	126.00	130.00	138.00	122.00
Alabama.....	291	249	234	222	140.00	149.00	159.00	145.00
Mississippi.....	346	332	319	306	124.00	129.00	128.00	114.00
Arkansas.....	251	207	197	165	96.20	88.00	96.00	84.00
Louisiana.....	178	148	142	136	114.00	116.00	117.00	111.00
Oklahoma.....	134	74	52	41	74.00	52.00	58.00	55.00
Texas.....	509	281	230	191	84.70	74.00	70.00	63.00
South Central.....	2,210	1,741	1,599	1,466	110.00	113.00	118.00	103.00
Montana.....	2	2	2	2	72.00	76.00	76.00	60.00
Idaho.....	4	4	3	3	79.60	68.00	60.00	58.00
Wyoming.....	2	1	1	1	73.60	54.00	49.00	41.00
Colorado.....	12	8	7	6	77.00	58.00	64.00	62.00
New Mexico.....	11	7	6	6	69.20	55.00	58.00	56.00
Arizona.....	9	7	6	6	81.80	79.00	86.00	85.00
Utah.....	1	1	1	1	90.50	93.00	75.00	65.00
Nevada.....	1	1	1	1	85.60	79.00	70.00	60.00
Washington.....	6	3	3	2	76.30	62.00	57.00	61.00
Oregon.....	5	3	3	3	77.40	65.00	63.00	60.00
California.....	24	15	14	13	108.00	97.00	86.00	77.00
Western.....	77	52	47	44	86.70	74.80	72.40	67.80
United States.....	3,789	3,010	2,772	2,544	124.00	133.00	141.00	133.00

<sup>1</sup> Including colts.<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 499.—*Grain-consuming and roughage-consuming livestock on farms: Animal units fed in year beginning Oct. 1, United States, 1919-47*

Year beginning October	Grain-consuming livestock	Roughage-consuming livestock	Year beginning October	Grain-consuming livestock	Roughage-consuming livestock	Year beginning October	Grain-consuming livestock	Roughage-consuming livestock
	<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>
1919 .....	150,794	76,291	1929 .....	153,616	69,355	1939 .....	156,038	70,063
1920 .....	148,619	74,766	1930 .....	152,401	70,737	1940 .....	155,935	72,158
1921 .....	151,664	74,571	1931 .....	156,047	72,276	1941 .....	167,317	75,215
1922 .....	163,126	73,693	1932 .....	159,518	74,628	1942 .....	192,411	78,206
1923 .....	162,133	72,791	1933 .....	153,688	77,356	1943 .....	193,107	79,579
1924 .....	150,694	71,146	1934 .....	131,054	72,613	1944 .....	173,672	78,726
1925 .....	148,909	69,343	1935 .....	138,509	71,334	1945 <sup>1</sup> .....	167,736	75,342
1926 .....	152,446	67,724	1936 .....	137,612	69,688	1946 <sup>1</sup> .....	161,345	72,839
1927 .....	153,022	67,237	1937 .....	137,678	68,356	1947 <sup>1</sup> .....	152,528	70,198
1928 .....	152,676	68,154	1938 .....	148,501	68,191			

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. A detailed explanation of the basis of these figures can be found in the processed report F.M.—64, Animal Units of Livestock Fed Annually, 1919-20 to 1946-47 (November 1947).

TABLE 500.—Index numbers of livestock and poultry on farms, Jan. 1, 1867-1948<sup>1</sup>  
[1935-39=100]

Year	Total livestock and poultry <sup>2</sup>	Meat animals <sup>3</sup>	Milk animals <sup>4</sup>	Poultry <sup>5</sup>	Year	Total livestock and poultry <sup>2</sup>	Meat animals <sup>3</sup>	Milk animals <sup>4</sup>	Poultry <sup>5</sup>
1867	51	51	33	-----	1908	107	98	76	-----
1868	51	52	35	-----	1909	105	95	77	79
1869	52	52	37	-----	1910	102	92	78	83
1870	53	53	39	-----	1911	103	93	78	88
1871	55	55	40	-----	1912	102	91	78	85
1872	58	57	41	-----	1913	103	91	78	85
1873	59	58	41	-----	1914	105	93	79	85
1874	60	59	42	-----	1915	110	99	81	88
1875	60	58	43	-----	1916	114	104	83	86
1876	61	59	43	-----	1917	116	107	85	83
1877	64	62	44	-----	1918	120	111	86	84
1878	67	66	45	-----	1919	120	111	86	91
1879	70	69	46	-----	1920	116	107	86	88
1880	73	71	47	-----	1921	114	105	85	86
1881	74	72	48	-----	1922	113	105	86	92
1882	75	74	49	-----	1923	115	108	88	96
1883	78	76	50	-----	1924	112	105	88	101
1884	81	80	52	-----	1925	107	99	89	101
1885	84	83	53	-----	1926	103	95	88	102
1886	86	84	54	-----	1927	102	94	88	107
1887	87	85	56	-----	1928	102	96	88	110
1888	89	86	57	-----	1929	102	97	90	110
1889	91	88	59	-----	1930	103	98	93	115
1890	94	90	60	-----	1931	104	100	96	110
1891	95	90	61	-----	1932	107	105	100	107
1892	93	88	61	-----	1933	111	111	104	110
1893	91	84	61	-----	1934	113	114	108	107
1894	90	82	61	-----	1935	101	101	104	96
1895	88	80	61	-----	1936	101	101	100	99
1896	88	80	61	-----	1937	99	99	99	105
1897	90	82	62	-----	1938	98	98	98	96
1898	83	85	63	-----	1939	100	102	99	104
1899	95	88	64	-----	1940	106	108	101	110
1900	99	92	66	-----	1941	106	110	104	105
1901	102	95	67	-----	1942	112	117	107	118
1902	102	96	68	-----	1943	120	128	111	132
1903	104	98	69	-----	1944	126	135	114	142
1904	106	99	70	-----	1945	117	125	113	127
1905	106	100	71	-----	1946	113	122	109	132
1906	106	99	73	-----	1947	109	118	106	117
1907	107	99	75	-----	1948 <sup>6</sup>	104	114	103	112

<sup>1</sup> Weights for combining the different species are based on the 1937-41 average sales value per head, except for horses and mules where the 1941 average sales value per head is used. Allowing the average sales value per head for milk cows to equal 1.00, the value per head for other kinds of livestock and poultry is expressed in terms of the value for milk cows. The weights used are as follows: Milk cows, 1.00, other cattle and calves 0.75, hogs 0.29, sheep and lambs 0.10, horses 0.97, mules 1.23, chickens 0.01, and turkeys 0.043.

<sup>2</sup> Milk cows, other cattle and calves, hogs, sheep and lambs, horses, mules, chickens, and turkeys; chickens included beginning 1909 and turkeys beginning 1929.

<sup>3</sup> Milk cows, other cattle and calves, hogs, and sheep and lambs.

<sup>4</sup> Milk cows, heifers, 1-2 years old being kept for milk cows, and heifer calves saved for milk cows. Weights for combining the three classes of milk animals are based on 1937-41 average sales value per head, using relationship of 1937-41 average Jan. 1 values per head for each class to milk cows to determine sales value per head for heifers 1-2 years old, and heifer calves. The weights used are as follows: Milk cows 1.00; heifers 1-2 years old, 0.54; heifer calves 0.31.

<sup>5</sup> Chickens and turkeys; turkeys included beginning 1929.

<sup>6</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 501.—*Sleeping sickness (infectious equine encephalomyelitis): Summary of reports on incidence and mortality, by geographic divisions, 1947, and totals for years 1939-47*

Division and year	Horses and mules in affected areas	Animals affected	Cases per 1,000 horses and mules	Total deaths	Percentage of deaths among affected animals	Month of report of—	
						First case	Last case
					<i>Percent</i>		
New England.....	1,360	1	0.7	1	100	Sept.	Sept.
Middle Atlantic.....	4,941	7	1.4	7	100	Aug.	Sept.
East North Central.....	434,730	323	0.7	87	27	Jan.	Dec.
West North Central.....	2,101,531	2,141	1.0	508	24	Jan.	Dec.
South Atlantic.....	115,146	319	2.8	157	49	Jan.	Dec.
East South Central.....	30,431	15	0.5	10	67	July	Sept.
West South Central.....	790,346	4,870	6.2	4,072	84	Jan.	Dec.
Mountain.....	392,604	547	1.4	131	24	Feb.	Oct.
Pacific.....	212,602	493	2.3	113	23	Jan.	Dec.
Total 1947.....	4,083,781	8,716	2.1	5,086	58	Jan.	Dec.
Total:							
1939.....	7,159,491	8,008	1.1	2,471	30		
1940.....	6,500,820	16,941	2.6	4,187	25	Jan.	Nov.
1941.....	6,015,397	36,872	6.1	8,210	28	Mar.	Dec.
1942.....	4,785,575	4,939	1.0	1,334	30	Jan.	Dec.
1943.....	4,045,160	4,768	1.1	1,622	30	Mar.	Nov.
1944.....	5,465,117	19,590	2.9	4,779	24	Jan.	Dec.
1945.....	3,691,066	3,212	.9	1,165	36	Jan.	Dec.
1946.....	3,137,321	2,805	.9	957	34	Jan.	Dec.

<sup>1</sup> Alabama and New York not included in calculations.

<sup>2</sup> Alabama, Colorado, Georgia, Louisiana, Maryland, Michigan, Missouri, New Jersey, and New York not included in calculations.

<sup>3</sup> Arkansas not included in calculations.

<sup>4</sup> Arkansas, Colorado, Indiana, Michigan, Minnesota, Missouri, New Mexico, and Oregon not included in calculations.

<sup>5</sup> Minnesota, Missouri, and Utah not included in calculations.

<sup>6</sup> Missouri not included in calculations.

<sup>7</sup> New York, Michigan, and Missouri not included in calculations.

Bureau of Animal Industry.

TABLE 502.—*Rabies: Number of cases in the United States, and kind and number of animals affected, 1938-47*

Year	Number of cases among—								Total	
	Dogs	Cattle	Cats	Sheep	Hogs	Horses	Goats	Miscellaneous animals		Man
1938.....	8,452	413	207	164	42	32	11	44	47	9,412
1939.....	7,386	358	269	17	38	36	10	172	30	8,316
1940.....	6,194	326	260	53	71	25	4	277	28	7,238
1941.....	6,648	418	294	68	159	39	9	212	30	7,877
1942.....	6,332	288	250	48	32	15	12	160	28	7,165
1943.....	8,515	349	316	45	60	35	19	310	41	9,690
1944.....	9,067	561	419	40	43	32	14	311	53	10,540
1945.....	8,505	487	466	11	30	46	10	373	35	9,963
1946.....	8,384	962	455	15	22	44	12	956	22	10,872
1947.....	6,949	766	393	15	20	40	9	728	26	8,946

Bureau of Animal Industry.

## CHAPTER VII

### DAIRY AND POULTRY STATISTICS

Statistics on numbers of milk cows include two separate series. The January 1 inventory number is the total of cows and heifers kept for milk of the specific age classification "2 years old and older." The other series, an annual average number of milk cows milked during the year, is the basis for milk production estimates. The number of cows and heifers in the former series is somewhat larger than in the latter, because it includes heifers over 2 years of age which have not yet freshened.

Prices of milk and butterfat include returns to farmers from some, but not all, of the wartime Government subsidy programs. Included in the prices here are Government fluid-milk payments, those under the butter roll-back subsidy program and the cheddar cheese purchase and sales program, which were made to dealers and processors and passed back to farmers through normal price channels. On the contrary, the Government dairy production payments direct to farmers are not included in the price series because they were not part of the normal marketing procedure. In comparing the several series of milk prices, it is also important to note that prices received by farmers for whole milk at wholesale are for milk of the butterfat content actually sold (about 3.91 percent), whereas prices of milk purchased by condenseries and by market milk distributors are on a 3.5 percent butterfat basis.

Poultry production statistics in this chapter include inventory numbers of chickens by classes; the production, disposition, and cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; commercial hatchery production; turkey production, disposition, cash receipts, and gross income; and liquid and dried egg production.

New tables in this chapter include a table on butter futures; one on world production of chickens, and one on live weight of turkeys sold.

TABLE 503.—*Milk cows, heifers, and heifer calves, Jan. 1: Number 2 years old or over on farms, value per head, and total value; number 1 to 2 years and under 1 year, United States, 1930-48*

Year	Cows and heifers 2 years old and older, kept for milk			Heifers 1 to 2 years old being kept for milk cows	Heifer calves under 1 year being kept for milk cows
	Number	Value per head	Total value		
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>Thousands</i>
1930 <sup>1</sup>	<i>21,124</i>				
1930	23,032	82.70	1,904,794	4,851	5,199
1931	23,820	57.03	1,358,529	4,962	5,189
1932	24,896	39.51	983,671	5,020	5,449
1933	25,936	29.18	756,846	5,250	5,674
1934	26,931	27.00	727,039	5,382	5,675
1935 <sup>1</sup>	<i>24,532</i>				
1935	26,082	30.17	786,871	4,995	5,280
1936	25,196	49.32	1,242,753	4,772	5,484
1937	24,649	50.45	1,243,548	4,899	5,305
1938	24,466	54.52	1,333,730	4,808	5,500
1939	24,600	55.73	1,370,974	5,122	5,904
1940 <sup>1</sup>	<i>21,937</i>				
1940	24,940	57.30	1,428,239	5,525	5,967
1941	25,453	60.90	1,550,458	5,676	6,254
1942	26,313	77.90	2,049,349	5,889	6,635
1943	27,138	99.50	2,701,094	6,067	7,035
1944	27,704	102.00	2,829,804	6,352	7,201
1945 <sup>1</sup>	<i>22,803</i>				
1945	27,770	99.40	2,760,705	6,307	6,772
1946	26,695	112.00	2,994,437	5,803	6,595
1947	26,098	145.00	3,787,080	5,602	6,768
1948 <sup>2</sup>	25,165	164.00	4,126,161	5,685	6,485

<sup>1</sup> *Italic figures are from Census of Agriculture. Figures for census years 1930, 1935, 1940, and 1945 represent number of cows milked in 1929, 1934, 1939, and 1944. Census dates were Apr. 1, 1930, Jan. 1, 1935, Apr. 1, 1940, and Jan. 1, 1945.*

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in *Agricultural Statistics, 1942*, table 584.

TABLE 504.—Milk cows and heifers: Number 2 years old and over on farms, value per head, and total value, by States, Jan. 1, average 1937-46, annual 1947 and 1948

State and division	Number			Value per head			Total value		
	Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine	134	131	132	81.70	145.00	156.00	10,860	18,995	20,592
New Hampshire	76	74	73	101.00	176.00	188.00	7,638	13,024	13,724
Vermont	299	302	296	95.70	168.00	183.00	28,764	50,736	54,168
Massachusetts	140	138	132	125.00	221.00	233.00	17,569	30,498	30,756
Rhode Island	23	22	22	130.00	225.00	235.00	2,933	4,950	5,170
Connecticut	127	123	123	130.00	221.00	235.00	16,668	27,183	28,905
New York	1,416	1,439	1,439	112.00	210.00	222.00	159,847	302,190	319,458
New Jersey	150	158	158	158.00	254.00	282.00	23,854	41,712	44,556
Pennsylvania	998	1,000	990	104.00	196.00	206.00	96,219	196,000	203,940
North Atlantic	3,273	3,387	3,365	111.00	202.00	214.00	364,402	685,288	721,269
Ohio	1,059	1,082	1,071	79.40	161.00	167.00	85,136	174,202	178,857
Indiana	783	798	774	78.50	152.00	165.00	62,338	121,296	127,710
Illinois	1,144	1,120	1,056	84.70	161.00	179.00	97,654	180,320	194,394
Michigan	985	1,048	1,017	86.70	165.00	184.00	86,902	172,920	187,128
Wisconsin	2,359	2,559	2,508	98.20	184.00	201.00	236,583	470,856	504,108
East North Central	6,331	6,607	6,456	88.50	169.00	185.00	568,613	1,119,594	1,192,197
Minnesota	1,767	1,698	1,579	79.50	154.00	181.00	141,813	261,492	285,799
Iowa	1,478	1,366	1,270	81.00	154.00	180.00	119,883	210,364	228,600
Missouri	692	1,007	975	62.90	126.00	138.00	63,475	126,882	134,550
North Dakota	552	488	444	71.00	135.00	173.00	39,858	65,880	76,812
South Dakota	512	447	411	71.70	139.00	172.00	36,964	62,133	70,692
Nebraska	643	554	514	74.60	139.00	174.00	47,946	75,344	89,436
Kansas	764	697	655	70.50	135.00	164.00	54,545	94,095	107,420
West North Central	6,708	6,257	5,848	74.60	143.00	170.00	504,484	896,190	993,309
North Central	13,039	12,864	12,304	81.30	157.00	178.00	1,073,097	2,015,784	2,185,506
Delaware	37	38	38	90.60	163.00	170.00	3,381	6,194	6,460
Maryland	207	232	232	90.10	162.00	179.00	19,033	37,584	41,528
Virginia	436	460	469	65.40	121.00	132.00	29,102	55,660	61,908
West Virginia	240	234	229	60.80	122.00	125.00	14,666	28,548	28,625
North Carolina	366	376	376	57.80	106.00	109.00	21,527	39,856	40,984
South Carolina	178	179	179	56.10	99.00	102.00	10,100	17,721	18,258
Georgia	381	399	395	48.20	85.00	94.00	18,582	33,915	37,130
Florida	121	148	148	58.00	95.00	100.00	7,220	14,060	14,800
South Atlantic	1,966	2,066	2,066	61.90	113.00	121.00	123,611	233,538	249,693
Kentucky	592	622	616	58.10	113.00	130.00	35,015	70,286	80,080
Tennessee	600	640	627	53.40	103.00	115.00	32,716	65,920	72,105
Alabama	425	448	435	47.30	85.00	96.00	20,518	38,080	41,760
Mississippi	568	572	543	42.70	77.00	91.00	24,624	44,044	49,413
Arkansas	496	484	445	44.50	86.00	99.00	22,444	41,624	44,055
Louisiana	346	368	342	48.90	85.00	100.00	17,227	31,280	34,200
Oklahoma	812	765	704	53.00	96.00	124.00	43,966	73,440	87,296
Texas	1,488	1,453	1,351	51.40	94.00	115.00	77,442	136,582	155,365
South Central	5,326	5,352	5,063	50.60	93.70	111.00	273,953	501,256	564,274
Montana	162	147	134	79.10	146.00	183.00	12,848	21,462	24,522
Idaho	237	239	234	76.70	144.00	181.00	18,716	34,416	42,354
Wyoming	69	65	60	76.50	143.00	167.00	5,283	9,295	10,020
Colorado	241	224	215	71.60	130.00	167.00	17,333	29,120	35,905
New Mexico	78	62	60	59.80	110.00	130.00	4,680	6,820	7,800
Arizona	49	46	47	83.30	144.00	168.00	4,110	6,624	7,896
Utah	111	117	115	78.60	148.00	165.00	8,950	17,316	18,975
Nevada	21	20	20	87.70	155.00	170.00	1,837	3,100	3,400
Washington	358	346	336	77.90	144.00	170.00	28,115	49,824	57,120
Oregon	272	251	243	70.10	127.00	151.00	19,137	31,877	36,693
California	772	912	903	88.80	155.00	178.00	70,171	141,360	160,734
Western	2,369	2,429	2,367	79.50	145.00	171.00	191,181	351,214	405,419
United States	25,973	26,098	25,165	77.00	145.00	164.00	2,026,244	3,787,080	4,126,161

<sup>1</sup> Preliminary.

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TABLE 505.—*Heifers and heifer calves kept for milk cows: Number on farms, by States, Jan. 1, average 1937-46, annual 1947 and 1948*

State and division	Heifers 1 to 2 years old being kept for milk cows			Heifer calves under 1 year being kept for milk cows		
	Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	34	34	36	37	38	36
New Hampshire.....	17	17	18	18	19	20
Vermont.....	60	58	58	63	61	58
Massachusetts.....	23	21	22	24	22	23
Rhode Island.....	2	2	2	3	3	3
Connecticut.....	20	18	19	21	23	24
New York.....	278	274	284	287	287	298
New Jersey.....	22	22	25	21	22	24
Pennsylvania.....	207	230	246	218	248	246
North Atlantic.....	663	676	710	692	723	732
Ohio.....	229	232	260	248	266	258
Indiana.....	163	157	170	176	191	169
Illinois.....	266	268	295	320	344	323
Michigan.....	225	244	250	256	290	258
Wisconsin.....	480	505	515	504	526	500
East North Central.....	1,363	1,406	1,490	1,504	1,617	1,508
Minnesota.....	382	386	384	405	417	367
Iowa.....	302	292	293	325	317	293
Missouri.....	198	195	195	227	238	219
North Dakota.....	126	111	100	154	164	160
South Dakota.....	134	112	105	159	179	194
Nebraska.....	151	131	132	172	168	182
Kansas.....	154	141	139	179	173	166
West North Central.....	1,447	1,368	1,348	1,620	1,656	1,581
Delaware.....	7	8	9	7	9	8
Maryland.....	41	46	51	44	53	48
Virginia.....	83	78	80	91	116	115
West Virginia.....	42	38	44	44	46	40
North Carolina.....	69	70	74	80	84	78
South Carolina.....	40	38	40	46	52	48
Georgia.....	102	106	113	113	128	130
Florida.....	41	40	42	49	65	65
South Atlantic.....	424	424	453	475	553	532
Kentucky.....	101	95	110	105	122	126
Tennessee.....	108	116	120	123	138	125
Alabama.....	124	132	135	145	180	157
Mississippi.....	122	128	120	142	143	140
Arkansas.....	135	123	107	154	156	122
Louisiana.....	87	93	85	105	119	99
Oklahoma.....	204	174	161	264	264	238
Texas.....	294	295	266	329	393	429
South Central.....	1,175	1,156	1,104	1,368	1,515	1,436
Montana.....	31	32	33	48	57	55
Idaho.....	37	38	60	71	70	79
Wyoming.....	15	15	15	18	17	17
Colorado.....	51	43	45	62	60	60
New Mexico.....	18	13	13	21	18	18
Arizona.....	12	14	12	13	15	13
Utah.....	28	30	26	33	34	37
Nevada.....	6	6	7	8	11	10
Washington.....	85	75	75	94	96	95
Oregon.....	66	58	56	72	76	80
California.....	204	228	238	216	250	232
Western.....	574	572	580	657	704	696
United States.....	5,645	5,602	5,685	6,317	6,768	6,485

<sup>1</sup> Preliminary.

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TABLE 506.—Dairy-herd-improvement and dairy-cattle breeding associations, United States, Jan. 1, 1938-48

Year	Dairy-herd-improvement associations		Dairy-cattle breeding associations			
			Dairy bull		Artificial breeding	
	Associations	Cows enrolled	Associations	Cows enrolled	Associations	Cows enrolled
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1938	1, 106	558, 993	166	25, 978	6	7, 539
1939	1, 228	625, 284	228	35, 333	27	33, 977
1940	1, 300	676, 141	277	41, 678	6	112, 788
1941	1, 383	763, 502	291	43, 478	37	70, 751
1942	1, 421	816, 117	295	43, 251	73	112, 788
1943	1, 057	616, 972	306	63, 564	99	182, 524
1944	954	561, 587	293	62, 473	95	218, 070
1945	949	577, 200	266	53, 318	195	360, 732
1946	1, 124	627, 878	165	28, 018	336	579, 477
1947	1, 426	775, 546	140	23, 519	608	1, 125, 040
1948	1, 668	886, 129	99	14, 006	963	1, 743, 327

Bureau of Dairy Industry. Data for 1906-37 in Agricultural Statistics, 1942, table 588.

TABLE 507.—Average production, feed cost, and value of butterfat and milk per cow, classified on butterfat production basis, 12-month records completed in 1946 by dairy-herd-improvement associations, United States

Range of butterfat production (pounds)	Cows		Average production			Feed cost			Value of product over feed cost	Return for \$1 spent for feed	Feed cost per pound of butterfat	Feed cost per 100 pounds of milk
			Butterfat	Milk	Value	Roughage, including pasture	Grain	Total				
	Num-ber	Per-cent	Lb.	Lb.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
25-74	5	0.02	64	1, 518	64	51	28	79	-15	0.81	1.23	5.20
75-124	75	.25	110	3, 064	114	54	42	96	18	1.19	.87	3.13
125-174	638	2.17	156	3, 984	152	54	48	102	50	1.49	.65	2.56
175-224	1, 777	6.04	204	5, 073	199	55	55	110	89	1.81	.54	2.17
225-274	4, 026	13.68	252	6, 292	247	57	62	119	128	2.08	.47	1.89
275-324	6, 076	20.64	301	7, 390	292	58	69	127	165	2.30	.42	1.72
325-374	6, 449	21.90	349	8, 545	338	60	76	136	202	2.48	.39	1.59
375-424	4, 964	16.86	399	9, 640	383	61	83	144	239	2.66	.36	1.49
425-474	3, 020	10.26	446	10, 784	429	64	89	153	276	2.80	.34	1.42
475-524	1, 481	5.03	496	12, 048	478	66	98	164	314	2.91	.33	1.36
525-574	601	2.04	546	13, 276	521	67	103	170	351	3.06	.31	1.28
575-624	218	.74	594	14, 150	568	69	112	181	387	3.14	.30	1.28
625-674	60	.20	644	15, 486	634	74	120	194	440	3.27	.30	1.25
675-724	29	.10	694	17, 085	666	78	128	206	460	3.23	.30	1.21
725-774	10	.03	752	17, 691	724	76	150	226	498	3.20	.30	1.28
775-824	8	.03	801	20, 823	632	88	174	262	370	2.41	.33	1.26
825-874	4	.01	838	21, 674	684	84	179	263	421	2.60	.31	1.21
875-924	1		894	26, 870	510	67	191	258	252	1.98	.29	.96
Total	29, 442	100.00										
Average <sup>1</sup>			345	8, 435	334	60	75	135	199	2.47	.39	1.60
Total cows in dairy-herd-improvement associations	627, 878											
Cow-years	413, 554											
Average for total cows			349	8, 635	314	60	70	130	183	2.42	.37	1.51

<sup>1</sup> Average is for 29,442 cows selected at random, that completed a full 12-month testing period

Bureau of Dairy Industry. Data for earlier years in previous editions of Agricultural Statistics.

TABLE 508.—*Purebred dairy cattle: New registrations each year, by breeds, United States, 1938-47*

Breed	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
<b>Ayrshire:</b>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Bulls.....	2,407	2,755	2,764	3,083	3,221	3,792	3,546	3,386	3,795	4,633
Cows.....	11,346	12,443	13,473	13,931	14,492	16,235	17,209	18,131	18,374	25,413
Total.....	13,753	15,198	16,237	17,014	17,713	20,027	20,755	21,517	22,169	30,045
<b>Brown Swiss:</b>										
Bulls.....	2,733	3,177	3,222	3,955	4,383	5,261	5,224	5,677	6,347	6,712
Cows.....	5,909	6,819	7,251	8,894	9,566	10,996	12,270	13,127	14,611	15,757
Total.....	8,642	9,996	10,473	12,819	14,019	16,257	17,494	18,804	20,958	22,469
<b>Guernsey:</b>										
Bulls.....	12,190	13,466	13,963	14,660	16,014	18,192	17,462	17,747	18,761	20,000
Cows.....	35,344	40,423	42,897	44,940	47,660	54,329	56,769	59,150	61,851	71,279
Total.....	47,534	53,889	56,860	59,600	63,674	72,521	74,231	76,897	80,612	91,279
<b>Holstein-Friesian:</b>										
Bulls.....	17,595	18,555	25,941	23,818	26,049	28,634	28,993	24,625	38,520	33,084
Cows.....	64,027	67,043	119,482	78,985	80,575	82,563	93,917	88,821	130,818	119,655
Total.....	81,622	85,598	145,423	102,803	106,624	111,197	122,910	113,446	169,338	152,739
<b>Jersey:</b>										
Bulls.....	9,084	10,052	10,267	12,406	13,317	9,331	9,948	9,780	9,032	15,797
Cows.....	35,841	37,048	38,260	48,137	58,504	44,829	46,523	41,370	40,239	70,579
Total.....	44,925	47,100	48,527	60,543	71,821	54,160	56,471	51,150	49,271	86,376

Bureau of Dairy Industry; data obtained from registry associations. See Agricultural Statistics, 1940, table 569, for data for earlier years.

TABLE 509.—*Cattle: Tuberculin testing under accredited-herd and area plans, United States, 1939-48*

Year ended June—	Cattle tested				Herds accredited	Modified accredited counties <sup>1</sup>	
	Accredited-herd plan	Area plan	Total	Reactors found		Number	Percent
1939.....	<i>Number</i> 1,578,386	<i>Number</i> 9,608,419	<i>Number</i> 11,186,805	<i>Number</i> 60,338	<i>Percent</i> 0.50	<i>Number</i> 262,972	<i>Percent</i> 3,142
1940.....	2,097,534	10,124,784	12,222,318	56,343	.46	284,757	3,148
1941.....	2,300,114	9,929,385	12,229,499	40,702	.30	263,405	3,151
1942.....	2,020,399	8,962,687	10,983,086	28,008	.26	259,775	3,151
1943.....	1,976,176	7,332,760	9,308,936	17,167	.18	246,611	3,151
1944.....	1,968,091	6,926,375	8,894,466	18,338	.21	243,551	3,151
1945.....	2,057,833	6,047,647	8,105,480	19,534	.24	237,991	3,151
1946.....	1,933,385	6,521,078	8,454,463	19,464	.23	432,790	3,150
1947.....	2,094,326	6,218,593	8,312,919	16,666	.20	233,552	3,150
1948.....	1,883,411	6,411,012	8,294,423	15,943	.19	229,807	3,150

<sup>1</sup> Modified accredited counties are those in which tuberculosis does not exist among more than 0.5 percent of the cattle, as determined by official tuberculin testing, and from which all reactors to the test have been removed. Includes all areas in Puerto Rico and the Virgin Islands.

<sup>2</sup> In 1946, 2 counties in South Dakota were joined into 1.

Bureau of Animal Industry.

Current data on tuberculosis-eradication work, including progress by States and counties, may be obtained from Bureau of Animal Industry. Data for 1917-25 in 1925 Yearbook, table 519, and data for 1926-35 in Agricultural Statistics, 1936, table 366, and data for 1936-38 in Agricultural Statistics, 1946, table 484.

TABLE 510.—Cattle: Summary of Bang's disease (brucellosis) work in cooperation with States, 1939-48<sup>1</sup>

Year ended June 30—	Agglutination blood tests completed				Calves vaccinated	Under supervision at end of year (June 30)	
	Herds	Cattle	Reactors	Percentage of reactors		Herds	Cattle
1939	724, 613	7, 591, 398	219, 165	2.9	-----	1, 372, 410	11, 111, 634
1940	590, 393	6, 937, 423	171, 953	2.5	-----	1, 615, 755	12, 315, 329
1941	677, 544	7, 465, 254	182, 075	2.4	21, 025	1, 883, 914	13, 932, 693
1942	591, 835	6, 891, 219	209, 238	3.0	126, 571	2, 105, 294	15, 627, 027
1943	392, 636	5, 185, 228	197, 329	3.8	231, 049	2, 199, 535	16, 616, 522
1944	386, 266	5, 235, 912	226, 079	4.3	392, 232	2, 254, 235	17, 326, 138
1945	395, 236	5, 213, 458	243, 050	4.7	501, 114	2, 307, 585	17, 545, 638
1946	389, 814	4, 876, 866	245, 786	5.0	694, 139	2, 360, 699	17, 870, 154
1947	454, 789	5, 133, 814	232, 293	4.5	891, 709	2, 249, 118	17, 589, 018
1948	533, 963	5, 434, 792	232, 199	4.3	1, 159, 327	2, 291, 760	18, 128, 318

<sup>1</sup> Tables were previously compiled on a calendar-year basis.

Bureau of Animal Industry.

Current data on brucellosis work, including progress by States and counties, may be obtained from the Bureau of Animal Industry.

TABLE 511.—Milk cows and dairy products: Average prices received by farmers, and paid by dealers, United States, 1938-47

Year	Prices received by farmers for—			Prices paid to producers for milk, per 100 pounds (3.5 percent butterfat basis)	
	Milk cows, per head <sup>1</sup>	Whole milk wholesale, per 100 pounds <sup>2</sup>	Butterfat, per pound <sup>3</sup>	By condenseries <sup>4</sup>	By fluid milk distributors <sup>5</sup>
	Dollars	Dollars	Cents	Dollars	Dollars
1938	56.70	1.72	26.3	1.25	2.26
1939	58.60	1.68	23.9	1.24	2.17
1940	61.00	1.82	28.0	1.38	2.21
1941	71.70	2.18	34.2	1.81	2.40
1942	89.70	2.57	39.6	2.08	2.79
1943	114.00	3.12	49.9	2.61	3.16
1944	107.00	3.21	50.3	2.66	3.24
1945	111.00	3.19	50.3	2.63	3.25
1946	131.00	3.96	64.3	3.36	3.92
1947 <sup>7</sup>	151.00	4.25	71.8	3.46	4.71

<sup>1</sup> Annual price is straight average of United States prices for 12 months.

<sup>2</sup> Average wholesale price for whole milk sold for all purposes, based on reports from milk-market administrators, cooperative milk-marketing associations, whole-milk distributors, and milk-products manufacturing plants. Annual prices, by States, weighted by estimated volume of milk sold wholesale.

<sup>3</sup> Based on reports of special price reporters. Annual prices, by States, weighted by estimated volume of cream sold.

<sup>4</sup> All prices f.o.b. factory.

<sup>5</sup> Dealers' buying prices, f.o.b. local shipping point or country plant, for standard grade milk which is used for city distribution as milk and cream.

<sup>6</sup> Does not include Government dairy production program payments, made October 1943 to June 1946.

<sup>7</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 512.—*Butterfat-feed and milk-feed price ratios and value of concentrate rations fed to milk cows, United States, average 1927-46, annual 1938-47*<sup>1</sup>

Year	Butterfat-feed price ratio <sup>2</sup>	Milk-feed price ratio <sup>3</sup>	Value per 100 pounds of grain and concentrates fed to milk cows		Year	Butterfat-feed price ratio <sup>2</sup>	Milk-feed price ratio <sup>3</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	
			Cream selling areas	Whole milk selling areas				Cream selling areas	Whole milk selling areas
	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>
1927-46 avg.	24.6	1.28	1.53	1.81	1943	24.8	41.35	2.09	2.39
1938	25.1	1.32	1.05	1.33	1944	24.5	41.39	2.39	2.74
1939	22.6	1.29	1.07	1.32	1945	27.5	41.41	2.31	2.67
1940	24.0	1.29	1.19	1.43	1946	26.8	41.38	2.77	3.16
1941	26.4	1.39	1.30	1.58	1947	21.9	1.17	3.37	3.70
1942	24.4	1.37	1.66	1.96					

<sup>1</sup> Annual ratios based on average of monthly ratios.<sup>2</sup> Pounds of concentrate ration equal in value to 1 pound of butterfat.<sup>3</sup> Pounds of concentrate ration equal in value to 1 pound of wholesale milk.<sup>4</sup> Includes allowances for Government dairy production program payments for the period October 1943 through June 1946.

Bureau of Agricultural Economics.

TABLE 513.—*Milk and butter production on farms: Estimated number of producing cows, milk and butterfat yield per cow, total quantity of milk and butterfat produced, and butter churned, United States, 1930-47*

Year	Milk cows on farms <sup>1</sup>	Production per milk cow <sup>2</sup>		Percentage of butterfat in milk	Total production on farms <sup>2</sup>		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat in milk	
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>1,000 pounds</i>
1930	22,218	4,508	176.8	3.92	100,158	3,929	523,285
1931	23,108	4,459	175.0	3.93	103,029	4,045	544,395
1932	24,105	4,307	169.2	3.93	103,810	4,079	581,450
1933	25,062	4,180	164.2	3.93	104,762	4,114	579,845
1934	25,198	4,033	158.7	3.94	101,621	3,999	558,649
1935	24,187	4,184	165.4	3.95	101,205	4,000	539,110
1936	23,727	4,316	170.3	3.95	102,410	4,041	501,900
1937	23,340	4,366	172.5	3.95	101,908	4,025	472,270
1938	23,215	4,558	180.1	3.95	105,807	4,180	453,990
1939	23,273	4,589	181.5	3.95	106,792	4,223	428,689
1940	23,677	4,625	183.6	3.97	109,502	4,348	402,690
1941	24,312	4,741	188.4	3.97	115,268	4,580	395,476
1942	25,081	4,740	188.3	3.97	118,884	4,722	366,370
1943	25,574	4,606	183.1	3.98	117,785	4,682	341,120
1944	25,775	4,578	182.2	3.98	117,992	4,696	329,148
1945	25,329	4,797	190.9	3.98	121,504	4,836	336,990
1946	24,475	4,891	194.5	3.98	119,713	4,760	333,780
1947 <sup>3</sup>	23,871	5,000	199.1	3.98	119,366	4,753	315,840

<sup>1</sup> Average number on farms during year, heifers that have not freshened excluded.<sup>2</sup> Excludes milk sucked by calves and milk produced by cows not on farms.<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 on most items in Agricultural Statistics, 1942, table 593.

TABLE 514.—Milk: Quantities used for various purposes on farms where produced, and quantities sold from farms or utilized for the preparation of dairy products for sale, United States, 1930-47

Year	Milk used on farms where produced				Milk utilized in products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-churned butter sold	For wholesale deliveries to plants, dealers, etc.		For retail sales of milk and cream by farmers <sup>2</sup>	Total utilized for products sold
		As whole milk or cream	As farm-churned butter			As cream	As milk <sup>1</sup>		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1930	2,986	11,207	8,150	22,343	2,497	33,974	34,497	6,847	77,815
1931	2,997	11,913	8,554	23,464	2,507	35,468	34,614	6,976	79,565
1932	2,859	12,507	9,180	24,546	2,640	36,095	33,501	7,028	79,264
1933	2,878	12,784	9,293	24,955	2,505	36,524	33,705	7,073	79,807
1934	2,688	12,773	9,120	24,581	2,223	33,867	33,869	7,081	77,040
1935	2,676	12,410	8,807	23,893	2,124	32,564	35,647	6,977	77,312
1936	2,755	12,077	8,256	23,088	1,907	31,904	38,777	6,734	79,322
1937	2,724	11,955	7,795	22,474	1,753	30,644	40,470	6,567	79,434
1938	2,850	11,950	7,494	22,294	1,679	32,728	42,657	6,449	83,513
1939	2,967	12,167	7,102	22,236	1,551	32,987	43,801	6,217	84,556
1940	2,994	12,063	6,688	21,745	1,441	33,044	47,170	6,102	87,757
1941	3,124	12,020	6,587	21,731	1,380	34,091	52,121	5,945	93,537
1942	3,294	11,856	6,127	21,277	1,238	31,322	59,185	5,862	97,607
1943	3,276	11,615	5,770	20,661	1,081	30,188	60,116	5,739	97,124
1944	3,270	11,685	5,571	20,526	1,037	26,422	64,338	5,669	97,466
1945	3,335	11,671	5,680	20,686	1,075	24,288	69,836	5,619	100,818
1946	3,255	12,318	5,540	21,113	1,090	21,380	70,591	5,539	98,600
1947 <sup>3</sup>	3,228	12,295	5,302	20,825	966	21,001	71,269	5,305	98,541

<sup>1</sup> Estimates include milk delivered to creameries, condensaries, cheese factories, and markets milk receiving stations, but exclude market milk sold to other farmers for local delivery.

<sup>2</sup> Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 in Agricultural Statistics, 1942, table 596.

TABLE 515.—*Milk and butter production on farms: Estimated number of producing cows, milk and butterfat yield per cow, total quantity of milk and butterfat produced, and butter churned, by States, 1946*

State and division	Milk cows on farms <sup>1</sup>	Production per milk cows <sup>2</sup>		Percentage of butterfat in milk	Total production on farms <sup>2</sup>		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat in milk	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
Maine	120	5,170	217	4.2	620	26	4,900
New Hampshire	65	5,120	200	3.9	333	13	650
Vermont	279	5,200	213	4.1	1,451	59	700
Massachusetts	131	5,870	235	4.0	769	31	400
Rhode Island	20	6,400	250	3.9	128	5	20
Connecticut	117	5,760	219	3.8	674	26	250
New York	1,327	5,880	223	3.8	7,803	297	6,000
New Jersey	156	6,720	262	3.9	1,048	41	330
Pennsylvania	955	5,570	217	3.9	5,319	207	9,000
North Atlantic	3,170	5,724	222.4	3.89	18,145	705	22,250
Ohio	1,046	5,000	205	4.1	5,230	214	4,600
Indiana	770	4,820	205	4.25	3,711	158	2,700
Illinois	1,069	5,220	201	3.85	5,580	215	4,600
Michigan	1,012	5,640	223	3.95	5,708	225	4,300
Wisconsin	2,454	6,360	235	3.7	15,607	577	700
East North Central	6,351	5,643	218.7	3.88	35,836	1,389	16,900
Minnesota	1,607	5,420	195	3.6	8,710	314	1,800
Iowa	1,286	5,200	198	3.8	6,687	254	4,000
Missouri	970	4,300	185	4.3	4,171	179	10,000
North Dakota	463	4,280	160	3.75	1,982	74	5,500
South Dakota	403	3,970	151	3.8	1,600	61	2,900
Nebraska	533	4,660	177	3.8	2,484	94	5,600
Kansas	666	4,310	172	4.0	2,870	115	5,100
West North Central	5,928	4,808	184.0	3.83	28,504	1,091	34,900
Delaware	37	4,750	190	4.0	176	7	180
Maryland	217	5,140	205	4.0	1,115	45	1,300
Virginia	437	4,180	178	4.25	1,831	78	17,500
West Virginia	219	3,820	164	4.3	837	36	7,800
North Carolina	361	4,130	186	4.5	1,491	67	25,300
South Carolina	164	3,660	165	4.5	600	27	10,800
Georgia	364	3,270	147	4.5	1,190	54	23,000
Florida	127	3,820	162	4.25	485	21	1,500
South Atlantic	1,926	4,011	173.9	4.34	7,725	335	87,380
Kentucky	570	3,930	173	4.4	2,240	99	14,600
Tennessee	599	3,720	166	4.45	2,228	99	23,200
Alabama	398	3,430	154	4.5	1,365	61	31,300
Mississippi	508	2,710	122	4.5	1,377	62	19,500
Arkansas	452	3,010	132	4.4	1,361	60	17,000
Louisiana	290	2,300	104	4.5	667	30	5,500
Oklahoma	710	3,380	145	4.3	2,400	103	9,800
Texas	1,330	3,070	135	4.4	4,083	180	35,000
South Central	4,857	3,237	142.9	4.41	15,721	694	155,900
Montana	137	4,840	191	3.95	663	26	2,300
Idaho	215	5,870	229	3.9	1,262	49	1,300
Wyoming	60	4,950	186	3.75	297	11	880
Colorado	209	4,760	181	3.8	995	38	2,100
New Mexico	62	4,000	168	4.2	248	10	900
Arizona	44	5,540	211	3.8	244	9	450
Utah	110	6,110	229	3.75	672	25	940
Nevada	17	5,700	211	3.7	97	4	180
Washington	328	6,410	269	4.2	2,102	88	3,300
Oregon	236	5,660	255	4.5	1,336	60	2,000
California	825	7,110	274	3.85	5,866	226	2,100
Western	2,243	6,144	243.4	3.96	13,782	546	16,450
United States	24,475	4,891	194.5	3.98	119,713	4,760	333,780

<sup>1</sup> Estimated average number during year, heifers not freshened excluded.

<sup>2</sup> Excludes milk sucked by calves and milk produced by cows not on farms.

Bureau of Agricultural Economics.

TABLE 516.—Milk: Quantities used for various purposes on farms where produced, and quantities sold from farms or utilized for the preparation of dairy products for sale, by States, 1946

State and division	Milk used on farms where produced				Milk utilized in products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-churned butter sold	For wholesale deliveries to plants, dealers, etc.		For re-tailsales of milk and cream by farmers <sup>2</sup>	Total utilized for products sold
		As whole milk or cream	As farm-churned butter			As cream	As milk <sup>1</sup>		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	
Maine.....	11	70	46	127	52	20	330	91	493
New Hampshire.....	7	28	6	41	7	4	238	43	292
Vermont.....	30	59	6	95	8	14	1,293	41	1,356
Massachusetts.....	12	47	5	64	3	4	566	132	705
Rhode Island.....	2	6		8			100	20	120
Connecticut.....	16	39	4	59	1	1	501	112	615
New York.....	226	350	71	647	62	51	6,660	383	7,156
New Jersey.....	17	39	4	60	2		860	126	988
Pennsylvania.....	122	389	95	606	99	90	4,030	494	4,713
North Atlantic.....	443	1,027	237	1,707	234	184	14,578	1,442	16,438
Ohio.....	152	466	68	686	24	440	3,860	220	4,544
Indiana.....	96	350	39	485	14	452	2,660	100	3,226
Illinois.....	128	520	84	732	15	833	3,740	260	4,848
Michigan.....	200	420	64	684	28	846	3,950	200	5,024
Wisconsin.....	518	507	11	1,036	5	256	14,170	140	14,571
East North Central.....	1,094	2,263	266	3,623	86	2,827	28,380	920	32,213
Minnesota.....	239	479	39	757	3	3,240	4,610	100	7,953
Iowa.....	201	516	84	831	6	4,550	1,190	110	5,856
Missouri.....	104	552	181	837	19	865	2,310	140	3,334
North Dakota.....	69	179	119	367	5	1,500	74	36	1,615
South Dakota.....	61	188	65	314	3	1,143	95	45	1,286
Nebraska.....	101	272	121	494	6	1,524	365	95	1,990
Kansas.....	101	326	102	529	8	1,333	880	120	2,341
West North Central.....	876	2,542	711	4,129	50	14,155	9,524	646	24,375
Delaware.....	3	12	2	17	2		142	15	159
Maryland.....	21	75	15	111	13	14	882	95	1,004
Virginia.....	59	344	282	685	68	214	752	112	1,146
West Virginia.....	28	232	125	385	27	100	225	100	452
North Carolina.....	25	450	401	876	82	33	380	120	615
South Carolina.....	9	190	172	371	34	10	115	70	229
Georgia.....	15	299	351	665	88	30	307	100	525
Florida.....	5	57	23	85	6	2	310	82	400
South Atlantic.....	165	1,659	1,371	3,195	320	403	3,113	694	4,530
Kentucky.....	43	537	264	844	21	450	780	145	1,396
Tennessee.....	31	441	388	860	64	154	1,065	85	1,368
Alabama.....	18	354	506	878	79	25	310	73	487
Mississippi.....	12	381	355	748	17	50	502	60	629
Arkansas.....	16	397	305	718	27	206	325	85	643
Louisiana.....	7	237	95	339	10	8	245	65	328
Oklahoma.....	62	479	180	721	16	863	655	145	1,679
Texas.....	65	1,038	549	1,652	133	448	1,550	300	2,431
South Central.....	254	3,864	2,642	6,760	367	2,204	5,432	958	8,961
Montana.....	24	82	43	149	6	318	130	60	514
Idaho.....	41	102	25	168	2	172	877	43	1,094
Wyoming.....	11	35	18	64	1	100	107	25	233
Colorado.....	39	118	43	200	4	341	385	65	795
New Mexico.....	5	53	16	74	2	62	74	36	174
Arizona.....	7	21	9	37	1	7	165	34	207
Utah.....	20	75	19	114	2	67	449	40	558
Nevada.....	3	8	3	14	1	26	41	15	83
Washington.....	74	160	62	296	6	240	1,425	135	1,806
Oregon.....	46	135	35	216	3	206	831	80	1,120
California.....	153	174	40	367	5	68	5,080	346	5,499
Western.....	423	963	313	1,699	33	1,607	9,564	879	12,083
United States.....	3,255	12,318	5,540	21,113	1,030	21,380	70,591	5,539	98,600

<sup>1</sup> Estimates include milk delivered to creameries, condensaries, cheese factories, and market milk receiving stations, but exclude market milk sold to other farmers for local delivery.

<sup>2</sup> Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers. Bureau of Agricultural Economics.

TABLE 517.—Milk and butter production on farms: Estimated number of producing cows, milk and butterfat yield per cow, total quantity of milk and butterfat produced, and butter churned, by States, 1947 (preliminary)

State and division	Milk cows on farms <sup>1</sup>	Production per milk cow <sup>2</sup>		Percentage of butterfat in milk	Total production on farms <sup>2</sup>		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat in milk	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
Maine.....	121	5,270	221	4.2	638	27	4,200
New Hampshire.....	64	5,330	208	3.9	341	13	4,570
Vermont.....	277	5,420	222	4.1	1,501	62	750
Massachusetts.....	128	6,050	242	4.0	774	31	430
Rhode Island.....	20	6,500	254	3.9	130	5	30
Connecticut.....	117	5,900	224	3.8	690	26	300
New York.....	1,327	6,190	235	3.8	8,214	312	5,000
New Jersey.....	157	6,880	268	3.9	1,080	42	350
Pennsylvania.....	957	5,730	223	3.9	5,484	214	6,500
North Atlantic.....	3,168	5,951	231.1	3.88	18,852	732	18,130
Ohio.....	1,042	5,110	210	4.1	5,325	218	4,500
Indiana.....	757	4,840	206	4.25	3,664	156	2,600
Illinois.....	1,049	5,190	200	3.85	5,444	210	4,500
Michigan.....	989	5,760	228	3.95	5,697	225	4,000
Wisconsin.....	2,417	6,370	236	3.7	15,396	570	600
East North Central.....	6,254	5,681	220.5	3.88	35,526	1,379	16,200
Minnesota.....	1,530	5,500	198	3.6	8,415	303	1,500
Iowa.....	1,242	5,250	200	3.8	6,520	248	3,700
Missouri.....	941	4,360	187	4.3	4,103	176	9,500
North Dakota.....	432	4,540	170	3.75	1,961	74	5,400
South Dakota.....	375	3,970	151	3.8	1,489	57	2,500
Nebraska.....	506	4,750	180	3.8	2,404	91	5,400
Kansas.....	635	4,470	179	4.0	2,838	114	5,000
West North Central.....	5,661	4,898	187.8	3.83	27,730	1,063	33,000
Delaware.....	36	4,940	198	4.0	178	7	130
Maryland.....	219	5,350	214	4.0	1,172	47	1,000
Virginia.....	442	4,300	183	4.25	1,901	81	16,200
West Virginia.....	217	3,900	168	4.3	846	36	7,800
North Carolina.....	359	4,260	192	4.5	1,529	69	24,000
South Carolina.....	162	3,660	165	4.5	593	27	10,200
Georgia.....	360	3,340	150	4.5	1,202	54	23,000
Florida.....	131	3,800	162	4.25	498	21	1,500
South Atlantic.....	1,926	4,112	177.6	4.32	7,919	342	83,830
Kentucky.....	567	3,960	174	4.4	2,245	99	14,400
Tennessee.....	593	3,820	170	4.45	2,265	101	23,000
Alabama.....	391	3,430	154	4.5	1,341	60	30,000
Mississippi.....	480	2,840	128	4.5	1,363	61	18,500
Arkansas.....	420	3,110	137	4.4	1,306	57	15,700
Louisiana.....	278	2,390	108	4.5	664	30	5,200
Oklahoma.....	660	3,550	153	4.3	2,343	101	9,400
Texas.....	1,270	3,110	137	4.4	3,950	174	33,000
South Central.....	4,659	3,322	146.6	4.41	15,477	683	149,200
Montana.....	130	4,880	193	3.95	634	25	1,900
Idaho.....	208	6,110	238	3.9	1,271	50	1,150
Wyoming.....	58	5,120	192	3.75	297	11	800
Colorado.....	200	5,000	190	3.8	1,000	38	2,100
New Mexico.....	58	4,100	172	4.2	238	10	800
Arizona.....	44	5,900	224	3.8	260	10	500
Utah.....	106	6,200	232	3.75	657	25	750
Nevada.....	17	5,870	217	3.7	100	4	180
Washington.....	319	6,450	271	4.2	2,058	86	3,200
Oregon.....	229	5,900	266	4.5	1,351	61	2,000
California.....	834	7,190	280	3.9	5,996	234	2,100
Western.....	2,203	6,292	251.5	4.00	13,862	554	15,480
United States.....	23,871	5,000	199.1	3.98	119,366	4,753	315,840

<sup>1</sup> Estimated average number during year, heifers not freshened excluded.<sup>2</sup> Excludes milk sucked by calves and milk produced by cows not on farms.

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TABLE 518.—Milk: Quantities used for various purposes on farms where produced, and quantities sold from farms or utilized for the preparation of dairy products for sale, by States, 1947 (preliminary)

State and division	Milk used on farms where produced				Milk utilized in products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-churned butter sold	For wholesale deliveries to plants, dealers, etc.		For retail sales of milk and cream by farmers <sup>2</sup>	Total utilized for products sold
		As whole milk or cream	As farm-churned butter			As cream	As milk <sup>1</sup>		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Maine.....	11	76	36	123	48	21	350	86	515
New Hampshire.....	6	28	5	39	6	5	247	44	302
Vermont.....	30	62	7	99	8	14	1,340	40	1,402
Massachusetts.....	12	49	5	66	4	4	570	130	708
Rhode Island.....	2	6	1	9	.....	.....	102	19	121
Connecticut.....	15	40	4	59	2	1	518	110	631
New York.....	230	363	55	648	55	73	7,060	378	7,566
New Jersey.....	17	38	6	61	2	.....	910	107	1,019
Pennsylvania.....	126	358	69	553	71	100	4,300	460	4,931
North Atlantic.....	449	1,020	188	1,657	196	218	15,407	1,374	17,195
Ohio.....	149	453	63	670	22	483	3,960	190	4,655
Indiana.....	88	337	41	466	10	450	2,638	100	3,198
Illinois.....	131	493	83	707	14	750	3,753	220	4,737
Michigan.....	199	411	62	672	24	871	3,950	180	5,025
Wisconsin.....	493	475	10	978	4	284	14,000	130	14,418
East North Central.....	1,060	2,169	264	3,493	74	2,538	28,301	820	32,033
Minnesota.....	236	486	33	755	2	3,403	4,150	105	7,660
Iowa.....	262	542	79	823	5	4,422	1,170	100	5,697
Missouri.....	103	530	175	808	15	800	2,340	140	3,295
North Dakota.....	73	181	117	371	5	1,473	78	34	1,590
South Dakota.....	57	168	54	279	2	1,068	100	40	1,210
Nebraska.....	91	272	117	480	5	1,459	370	90	1,924
Kansas.....	105	323	100	528	8	1,252	930	120	2,310
West North Central.....	867	2,502	675	4,044	42	13,877	9,138	629	23,686
Delaware.....	3	13	2	18	1	.....	144	15	160
Maryland.....	22	79	13	114	9	13	940	96	1,058
Virginia.....	57	358	266	681	58	212	835	115	1,220
West Virginia.....	26	236	127	389	25	107	230	95	457
North Carolina.....	28	491	382	901	76	24	413	115	628
South Carolina.....	9	193	164	366	31	10	120	66	227
Georgia.....	17	307	357	681	82	30	315	94	521
Florida.....	5	59	24	88	5	1	326	78	410
South Atlantic.....	167	1,736	1,335	3,238	287	397	3,323	674	4,681
Kentucky.....	43	548	260	851	21	380	850	143	1,394
Tennessee.....	39	455	390	884	58	140	1,100	83	1,381
Alabama.....	17	382	490	889	71	20	290	71	452
Mississippi.....	15	381	336	732	17	49	505	60	631
Arkansas.....	18	417	283	718	23	210	275	80	588
Louisiana.....	7	218	90	315	9	8	267	65	349
Oklahoma.....	56	479	174	709	14	790	685	145	1,634
Texas.....	59	1,061	521	1,641	123	466	1,430	290	2,309
South Central.....	254	3,941	2,544	6,739	336	2,063	5,402	937	8,738
Montana.....	24	75	36	135	5	300	135	59	499
Idaho.....	43	96	22	161	2	163	900	45	1,110
Wyoming.....	10	132	17	159	1	110	103	24	238
Colorado.....	39	115	43	197	4	345	389	65	803
New Mexico.....	5	47	14	66	2	60	75	35	172
Arizona.....	7	19	10	36	1	10	177	36	224
Utah.....	20	73	15	108	2	70	438	39	549
Nevada.....	4	7	3	14	1	25	44	16	86
Washington.....	74	157	60	291	6	250	1,376	135	1,767
Oregon.....	49	132	36	217	2	207	848	77	1,134
California.....	156	174	40	370	55	68	5,213	340	5,626
Western.....	431	927	296	1,654	31	1,608	9,698	871	12,208
United States.....	3,228	12,295	5,302	20,825	966	21,001	71,269	5,305	98,541

<sup>1</sup> Estimates include milk delivered to creameries, condensaries, cheese factories, and market milk receiving stations, but exclude market milk sold to other farmers for local delivery.

<sup>2</sup> Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers.

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TABLE 519.—Farm dairy products: Quantity sold from farms, price, and value; milk utilized for household consumption on farms where produced, and value; gross income from dairy products; and farm value of milk produced, by States, 1946

State and division	Farm butter			Deliveries to plants, dealers, etc., at wholesale					Milk and cream re-tailed by farmers			
	Quantity sold	Price per pound	Value of sales	Cream sold as butterfat			Whole milk			Quantity sold, milk equivalent	Price per quart	Value of sales
				Quantity butterfat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 pounds	Value of sales			
	1,000 pounds	Cents	1,000 dol.	1,000 pounds	Cents	1,000 dol.	Mil. pounds	Dol.	1,000 dol.	Mil. quarts	Cents	1,000 dol.
Maine	2,600	66	1,716	840	68	571	330	4.46	14,718	42	16.0	6,720
New Hampshire	340	68	231	150	70	112	258	4.68	11,138	20	16.1	3,220
Vermont	400	65	260	610	66	403	1,293	4.57	59,090	19	15.8	3,002
Massachusetts	160	68	109	160	69	110	566	4.96	28,074	61	17.3	10,553
Rhode Island	6	67	4				100	4.93	4,930	9	17.3	1,557
Connecticut	60	68	41	40	69	28	501	4.93	21,699	52	17.2	8,944
New York	2,800	66	1,848	1,900	63	1,197	6,660	4.29	285,714	178	15.6	27,768
New Jersey	90	67	60				860	4.82	41,452	59	17.6	10,384
Pennsylvania	4,600	66	3,036	3,440	64	2,202	4,030	4.34	174,002	230	16.5	37,950
North Atlantic	11,056	66.1	7,305	7,150	64.7	4,623	14,578	4.42	644,717	670	16.4	110,068
Ohio	1,200	66	792	17,910	64	11,462	3,890	4.12	159,032	102	15.6	15,912
Indiana	700	65	455	18,830	64	12,090	2,690	4.07	103,262	47	14.7	6,909
Illinois	700	64	448	31,570	62	19,573	3,740	3.78	139,502	121	13.7	16,577
Michigan	1,300	67	871	32,570	68	22,148	3,950	3.90	154,050	93	14.4	13,362
Wisconsin	220	65	143	9,420	70	6,594	14,170	3.44	487,448	65	13.8	8,970
East North Central	4,120	65.8	2,709	110,360	65.1	71,867	28,380	3.69	1,048,294	428	14.4	61,760
Minnesota	130	64	83	114,050	68	77,554	4,610	3.44	158,584	47	13.0	6,110
Iowa	250	65	162	166,530	67	111,575	1,190	3.84	39,746	51	12.9	6,579
Missouri	950	62	589	35,720	62	22,146	2,310	3.89	89,859	65	13.3	8,645
North Dakota	200	64	128	54,750	64	35,040	74	3.26	2,412	17	12.6	2,142
South Dakota	120	64	77	41,610	63	28,214	95	3.23	3,068	21	12.8	2,688
Nebraska	250	64	160	55,630	61	35,934	365	3.58	13,067	44	13.1	5,764
Kansas	350	64	224	50,650	61	30,896	880	3.63	31,944	56	13.7	7,672
West North Central	2,250	63.2	1,423	518,940	65.0	337,359	9,524	3.56	338,680	301	13.2	39,600
Delaware	80	64	51				142	4.36	6,191	7	16.0	1,120
Maryland	600	60	360	530	61	323	882	4.71	41,542	44	15.6	6,820
Virginia	3,430	55	1,870	8,590	59	5,050	752	4.59	34,517	52	15.2	7,904
West Virginia	1,400	59	826	4,100	64	2,624	225	4.26	9,685	47	15.4	7,238
North Carolina	4,300	50	2,150	1,370	53	726	380	4.58	17,404	59	16.8	9,408
South Carolina	1,800	54	972	420	53	223	115	4.82	5,543	33	17.0	5,610
Georgia	4,600	52	2,392	1,250	52	650	307	4.75	14,582	47	16.8	7,896
Florida	300	63	189	80	60	48	310	5.53	17,143	38	19.1	7,258
South Atlantic	16,480	53.5	8,810	16,310	59.1	9,644	3,113	4.71	146,507	324	16.4	53,254
Kentucky	1,100	58	638	18,760	62	11,631	780	3.90	30,420	67	14.0	9,380
Tennessee	3,300	49	1,617	6,440	59	3,800	1,065	4.29	45,688	40	14.1	5,640
Alabama	4,200	49	2,058	1,040	55	572	310	4.46	13,826	34	16.1	5,474
Mississippi	900	55	495	2,160	56	1,210	502	4.20	21,084	28	15.0	4,200
Arkansas	1,400	57	798	8,450	59	4,986	325	3.92	12,740	40	14.0	5,600
Louisiana	500	59	295	340	54	184	245	4.93	12,078	30	15.1	4,530
Oklahoma	800	62	496	35,640	60	21,384	655	3.80	24,890	67	14.0	9,380
Texas	6,800	60	4,080	18,590	58	10,782	1,550	4.39	68,045	140	15.4	21,560
South Central	19,000	55.1	10,477	91,420	59.7	54,549	5,432	4.21	228,771	446	14.7	65,764
Montana	260	63	164	12,180	63	7,673	130	3.20	4,160	28	13.8	3,864
Idaho	100	65	65	6,620	66	4,369	877	3.48	30,520	20	13.8	2,760
Wyoming	60	64	38	3,720	63	2,344	107	3.39	3,627	12	14.0	1,680
Colorado	190	65	124	12,410	63	7,818	385	3.67	14,130	30	13.9	4,170
New Mexico	90	63	57	2,500	61	1,525	74	4.76	3,522	17	15.8	2,686
Arizona	60	61	37	260	60	155	163	4.00	6,600	16	16.0	2,560
Utah	100	65	65	2,500	64	1,600	449	3.47	15,580	19	13.0	2,470
Nevada	30	65	20	900	63	653	41	3.62	1,434	7	14.4	1,088
Washington	300	66	198	9,910	66	6,541	1,425	3.94	56,145	63	14.9	9,387
Oregon	150	67	100	8,920	69	6,155	831	4.42	36,730	37	15.3	5,661
California	250	64	160	2,620	66	1,729	5,080	4.20	213,360	101	16.0	25,760
Western	1,590	64.7	1,028	62,600	64.8	40,563	9,564	4.03	385,858	410	15.1	62,006
United States	54,496	58.3	31,752	806,780	64.3	518,605	70,591	3.96	2,792,827	2,579	15.2	392,482

TABLE 519.—Farm dairy products: Quantity sold from farms, price, and value; milk utilized for household consumption on farms where produced, and value; gross income from dairy products; and farm value of milk produced, by States, 1946—Continued

State and division	Combined sales of milk, cream, and farm butter			Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products <sup>4</sup>	Farm value of milk produced <sup>4</sup>	
	Milk utilized <sup>1</sup>	Average <sup>2</sup> returns <sup>2</sup>		Value of sales (receipts from farm marketings)	Milk utilized			Value <sup>3</sup>
		Per 100 pounds milk	Per pound butterfat					
	Million pounds	Dollars	Cents	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	
Maine	493	4.81	115	23,725	116	5,580	29,305	29,822
New Hampshire	292	5.03	129	14,791	34	1,710	16,411	16,750
Vermont	1,556	4.63	113	62,755	65	3,010	65,765	67,181
Massachusetts	705	5.51	138	38,846	52	2,865	41,711	42,372
Rhode Island	120	5.41	139	6,491	6	325	6,816	6,925
Connecticut	615	5.48	144	33,712	43	2,356	36,068	36,935
New York	7,156	4.42	116	316,527	421	18,608	335,135	344,893
New Jersey	988	5.25	135	51,896	43	2,258	54,154	55,020
Pennsylvania	4,713	4.63	119	218,090	484	22,409	240,499	246,270
North Atlantic	16,438	4.66	119.8	766,743	1,264	59,121	825,864	846,168
Ohio	4,544	4.12	100	187,198	534	22,001	209,199	215,476
Indiana	3,226	3.96	93	127,716	389	15,404	143,120	146,956
Illinois	4,848	3.63	94	176,100	604	21,925	198,025	202,554
Michigan	5,024	3.79	96	150,461	484	18,344	208,805	216,333
Wisconsin	14,571	3.45	93	503,155	518	17,871	521,026	538,442
East North Central	32,213	3.68	94.8	1,184,630	2,529	95,545	1,280,175	1,319,761
Minnesota	7,953	3.05	85	242,331	518	15,799	258,130	265,655
Iowa	5,856	2.70	71	158,062	630	17,010	175,072	180,549
Missouri	3,334	3.64	85	121,239	733	26,681	147,920	151,824
North Dakota	1,615	2.46	66	39,722	298	7,331	47,053	48,757
South Dakota	1,286	2.49	66	32,047	253	6,300	38,347	39,840
Nebraska	1,990	2.66	70	52,925	393	10,454	63,379	66,074
Kansas	2,341	3.02	76	70,736	428	12,926	83,662	86,674
West North Central	24,375	2.94	76.8	717,062	3,253	96,501	813,563	839,373
Delaware	159	4.63	116	7,392	14	648	8,010	8,149
Maryland	1,004	4.88	122	49,045	90	4,392	53,437	54,412
Virginia	1,146	4.31	101	49,341	626	26,981	76,322	78,916
West Virginia	452	4.49	104	20,273	357	16,029	36,302	37,581
North Carolina	615	4.83	107	29,688	851	41,103	70,791	72,015
South Carolina	229	5.39	120	12,348	362	19,512	31,860	32,340
Georgia	525	4.85	108	25,520	650	31,590	57,110	57,834
Florida	400	6.16	145	24,638	80	4,928	29,566	29,876
South Atlantic	4,530	4.82	111.1	218,215	3,030	145,183	363,398	371,123
Kentucky	1,396	3.73	85	52,039	801	29,877	81,946	83,552
Tennessee	1,368	4.15	93	56,745	829	34,404	91,149	92,462
Alabama	487	4.50	100	21,930	860	38,700	60,630	61,425
Mississippi	629	4.29	95	26,989	736	31,574	58,563	59,073
Arkansas	643	3.75	85	24,124	702	26,325	50,449	51,038
Louisiana	328	5.21	116	17,087	332	17,297	34,384	34,751
Oklahoma	1,679	3.34	78	56,150	659	22,011	78,161	80,160
Texas	2,431	4.30	98	104,467	1,587	68,241	172,708	175,569
South Central	8,961	4.01	90.9	359,561	6,506	268,429	627,990	638,030
Montana	514	3.09	78	15,861	125	3,862	19,723	20,487
Idaho	1,094	3.45	88	37,714	127	4,382	42,096	43,539
Wyoming	233	3.30	88	7,689	53	1,749	9,438	9,801
Colorado	795	3.30	87	26,242	161	5,313	31,555	32,835
New Mexico	174	4.48	107	7,790	69	3,091	10,881	11,110
Arizona	207	4.52	119	9,353	30	1,356	10,709	11,029
Utah	558	3.53	94	19,715	94	3,318	23,033	23,722
Nevada	83	3.81	103	3,165	11	419	3,584	3,696
Washington	1,806	4.00	95	72,271	222	8,880	81,151	84,080
Oregon	1,120	4.34	96	48,646	170	7,378	56,024	57,982
California	5,499	4.38	114	241,009	214	9,373	250,382	256,931
Western	12,083	4.05	102.3	489,455	1,276	49,121	538,576	555,212
United States	98,600	3.79	95.2	3,735,666	17,858	713,900	4,449,566	4,569,667

Footnotes 1, 2, 3, 4, and 5 same as those for table 521, page 414.

TABLE 520.—*Farm dairy products: Quantity sold from farms, price, and value; milk utilized for household consumption on farms where produced, and value; gross income from dairy products; and farm value of milk produced, by States, 1947 (preliminary)*

State and division	Farm butter			Deliveries to plants, dealers, etc., at wholesale						Milk and cream re-tailed by farmers		
	Quantity sold	Price per pound	value of sales	Cream sold as butterfat			Whole milk			Quantity sold, milk equivalent	Price per quart	Value of sales
				Quantity butterfat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 pounds	Value of sales			
	1,000 pounds	Cents	1,000 pounds	1,000 pounds	Cents	1,000 dol.	Mil. pounds	Dol.	1,000 dol.	Mil. quarts	Cents	1,000 dol.
Maine.....	2,400	70	1,680	890	74	659	360	4.67	16,812	40	18.1	7,240
New Hampshire.....	300	74	222	200	77	154	247	5.26	12,992	20	19.3	3,860
Vermont.....	430	72	310	610	75	458	1,340	4.87	65,258	19	18.7	3,553
Massachusetts.....	180	73	131	160	76	122	570	5.44	31,008	60	19.6	11,760
Rhode Island.....	8	73	6				102	5.66	5,773	9	19.6	1,764
Connecticut.....	70	73	51	40	76	30	518	5.65	29,267	51	19.7	10,347
New York.....	2,509	71	1,775	2,720	71	1,931	7,050	4.54	320,524	176	17.8	31,028
New Jersey.....	90	73	66				910	5.37	48,867	50	19.4	9,700
Pennsylvania.....	3,309	72	2,376	3,820	73	2,789	4,300	4.80	206,400	214	19.0	40,660
North Atlantic.....	9,278	71.3	6,617	8,440	72.8	6,143	15,407	4.78	736,901	639	18.8	119,912
Ohio.....	1,100	72	792	19,660	70	13,762	3,960	4.36	172,656	88	17.7	15,576
Indiana.....	500	71	355	18,810	70	13,167	2,638	4.25	112,115	47	16.8	7,896
Illinois.....	650	72	468	28,420	68	19,326	3,753	3.92	147,118	102	15.5	15,708
Michigan.....	1,100	74	814	33,530	76	25,483	3,950	4.27	168,665	84	16.5	13,800
Wisconsin.....	180	75	135	10,450	78	8,151	14,000	3.52	492,809	60	16.0	9,600
East North Central.....	3,530	72.6	2,564	110,870	72.1	79,889	28,301	3.86	1,093,354	381	16.4	62,640
Minnesota.....	100	74	74	119,790	77	92,238	4,150	3.43	142,345	49	15.1	7,399
Iowa.....	240	74	178	161,850	77	124,624	1,170	3.82	44,694	47	15.4	7,238
Missouri.....	750	67	502	33,040	66	21,806	2,340	4.08	95,472	65	15.1	9,815
North Dakota.....	200	72	144	53,760	71	38,170	78	3.77	2,941	16	15.1	2,416
South Dakota.....	100	72	72	38,880	70	27,216	100	3.98	3,980	19	15.5	2,945
Nebraska.....	200	72	144	53,250	68	36,210	370	3.93	14,541	42	15.7	6,594
Kansas.....	350	71	248	47,580	66	31,403	930	3.91	36,363	56	16.0	8,960
West North Central.....	1,940	70.2	1,362	508,150	73.1	371,667	9,138	3.72	340,336	294	15.4	45,367
Delaware.....	60	68	41				144	4.83	6,955	7	18.6	1,302
Maryland.....	400	66	264	490	68	333	940	5.28	49,632	45	18.8	8,460
Virginia.....	2,900	58	1,682	8,480	63	5,342	835	5.10	42,585	53	17.0	9,010
West Virginia.....	1,300	63	819	4,390	72	3,161	230	4.77	10,971	44	17.3	7,612
North Carolina.....	4,000	56	2,240	1,000	58	580	413	5.15	21,270	53	18.6	9,858
South Carolina.....	1,600	60	960	420	59	248	120	5.46	6,552	31	18.7	5,797
Georgia.....	4,300	56	2,408	1,250	58	725	315	5.57	17,546	44	18.7	8,228
Florida.....	270	67	181	40	62	25	326	6.62	21,581	36	21.0	7,560
South Atlantic.....	14,830	58.0	8,595	16,070	64.8	10,414	3,323	5.33	177,092	313	18.5	57,827
Kentucky.....	1,000	62	682	15,850	66	10,461	850	4.12	35,020	67	16.5	11,055
Tennessee.....	3,000	53	1,590	5,850	66	3,861	1,100	4.64	51,040	39	15.8	6,162
Alabama.....	3,800	52	1,976	840	62	521	290	5.37	15,573	33	17.7	5,841
Mississippi.....	900	61	549	2,110	67	1,414	505	4.63	23,382	28	17.4	4,956
Arkansas.....	1,200	63	756	8,610	64	5,510	275	4.50	12,375	37	15.9	5,883
Louisiana.....	450	64	288	340	62	211	267	5.71	15,246	30	17.8	5,340
Oklahoma.....	700	69	483	32,630	64	20,883	685	4.23	28,976	67	16.7	11,189
Texas.....	6,300	66	4,158	19,340	64	12,378	1,430	5.44	77,792	135	18.3	24,705
South Central.....	17,450	60.1	10,482	85,570	64.6	55,239	5,402	4.80	259,404	436	17.2	75,131
Montana.....	220	73	161	11,490	71	8,158	135	3.87	5,224	27	16.4	4,428
Idaho.....	90	75	68	6,280	73	4,584	900	3.59	32,310	21	15.8	3,318
Wyoming.....	60	74	44	4,090	71	2,904	103	3.85	3,966	11	16.2	1,782
Colorado.....	190	72	137	12,560	70	8,792	389	4.44	17,272	30	16.4	4,920
New Mexico.....	80	71	57	2,420	67	1,621	75	5.65	4,238	16	18.9	3,024
Arizona.....	60	72	43	380	72	274	177	4.93	8,726	17	18.1	3,077
Utah.....	80	77	62	2,610	72	1,879	438	3.94	17,257	18	15.4	2,772
Nevada.....	30	78	23	920	75	690	44	3.88	1,707	7	15.8	1,106
Washington.....	300	75	225	10,320	74	7,637	1,376	4.57	62,883	63	17.7	11,151
Oregon.....	130	76	99	8,960	75	6,720	848	4.69	39,771	36	17.8	6,408
California.....	250	75	188	2,620	75	1,965	5,213	4.39	228,851	158	17.6	27,808
Western.....	1,490	74.3	1,107	62,650	72.2	45,224	9,698	4.35	422,205	404	17.3	69,794
United States.....	48,518	63.3	30,727	791,750	71.8	568,576	71,269	4.25	3,029,292	2,467	17.5	430,671

TABLE 520.—Farm dairy products: Quantity sold from farms, price, and value; milk utilized for household consumption on farms where produced, and value; gross income from dairy products, and farm value of milk produced, by States, 1947 (preliminary)—Continued

State and division	Combined sales of milk, cream, and farm butter			Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products <sup>4</sup>	Farm value of milk produced <sup>5</sup>	
	Milk utilized <sup>1</sup>	Average returns <sup>2</sup>		Value of sales (receipts from farm marketings)	Milk utilized			Value <sup>3</sup>
		Per 100 pounds milk	Per pound butterfat					
	Million pounds	Dollars	Cents	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	515	5.12	122	26,391	112	5,734	32,125	32,666
New Hampshire.....	302	5.70	146	17,228	33	1,881	19,109	19,437
Vermont.....	1,402	4.96	121	69,57	69	3,422	73,001	74,450
Massachusetts.....	708	6.08	152	43,02	54	3,283	46,304	47,059
Rhode Island.....	121	6.23	160	7,543	7	436	7,979	8,099
Connecticut.....	631	6.24	164	39,305	44	2,746	42,141	43,056
New York.....	7,566	4.70	124	355,558	418	19,646	375,204	386,058
New Jersey.....	1,019	5.75	147	58,633	44	530	61,163	62,100
Pennsylvania.....	4,931	5.12	131	252,225	427	1,862	274,087	280,781
North Atlantic.....	17,195	5.06	130.4	9,573	1,208	1,540	931,113	953,706
Ohio.....	4,655	4.36	106	202,786	521	22,716	225,502	232,170
Indiana.....	3,198	4.18	98	133,533	378	15,800	149,333	153,155
Illinois.....	4,737	3.86	100	182,620	576	22,234	204,854	210,138
Michigan.....	5,025	4.16	105	208,822	473	19,677	228,499	236,995
Wisconsin.....	14,418	3.54	96	510,686	485	17,169	527,855	545,018
East North Central.....	32,033	3.87	99.7	1,238,447	2,433	97,596	1,336,043	1,377,476
Minnesota.....	7,660	3.16	88	242,056	519	16,400	258,456	265,914
Iowa.....	5,697	3.10	82	176,734	621	19,251	195,985	202,120
Missouri.....	3,295	3.87	90	127,595	705	27,284	154,879	158,786
North Dakota.....	1,590	2.75	73	43,671	298	8,195	51,866	53,928
South Dakota.....	1,210	2.83	74	34,213	222	6,283	40,496	42,139
Nebraska.....	1,924	2.99	79	57,489	359	11,631	69,120	71,880
Kansas.....	2,310	3.33	83	76,974	423	14,086	91,060	94,505
West North Central.....	23,686	3.20	83.6	758,732	3,177	103,130	861,862	889,272
Delaware.....	160	5.19	130	8,298	15	778	9,076	9,238
Maryland.....	1,058	5.55	139	58,689	92	5,106	63,795	65,046
Virginia.....	1,220	4.80	113	58,619	624	29,952	88,571	91,248
West Virginia.....	457	4.94	115	22,563	363	17,932	40,495	41,792
North Carolina.....	628	5.41	120	33,948	873	47,229	81,177	82,719
South Carolina.....	227	5.97	133	13,557	357	21,313	34,870	35,402
Georgia.....	421	5.55	123	28,907	664	36,852	65,759	66,711
Florida.....	510	7.16	168	29,347	83	5,943	35,290	35,657
South Atlantic.....	4,681	5.42	125.5	253,928	3,071	165,105	419,033	427,813
Kentucky.....	1,394	4.10	93	57,218	808	33,128	90,346	92,045
Tennessee.....	1,381	5.24	102	62,653	845	38,363	101,016	102,831
Alabama.....	452	4.59	118	23,911	872	46,129	70,040	70,939
Mississippi.....	631	4.80	107	30,301	717	34,416	64,717	65,424
Arkansas.....	588	4.17	95	24,524	700	29,190	53,714	54,460
Louisiana.....	349	6.04	134	21,085	308	18,603	39,688	40,106
Oklahoma.....	1,634	3.77	88	61,631	653	24,618	86,149	88,331
Texas.....	2,309	5.16	117	119,033	1,582	81,631	200,664	203,820
South Central.....	8,738	4.58	103.9	400,256	6,485	306,078	706,334	717,956
Montana.....	499	3.60	91	17,971	111	3,996	21,967	22,824
Idaho.....	1,110	3.63	93	40,280	118	4,283	44,563	46,137
Wyoming.....	238	3.65	97	8,696	49	1,788	10,484	10,840
Colorado.....	803	3.88	102	31,121	158	6,130	37,251	38,800
New Mexico.....	172	5.20	124	8,940	61	3,172	12,112	12,376
Arizona.....	224	5.41	142	12,120	29	1,569	13,689	14,066
Utah.....	549	4.00	107	21,970	88	3,520	25,490	26,280
Nevada.....	86	4.10	111	3,526	10	410	3,936	4,100
Washington.....	1,767	4.63	110	81,896	217	10,447	91,943	95,285
Oregon.....	1,134	4.67	104	52,998	168	7,846	60,844	63,092
California.....	5,626	4.60	118	258,812	214	9,844	268,656	275,816
Western.....	12,208	4.41	110.2	538,330	1,223	52,605	590,935	609,616
United States.....	98,541	4.12	103.5	4,059,266	17,597	786,054	4,845,320	4,975,839

Footnotes 1, 2, 3, 4, and 5 same as those for table 521, page 414.

TABLE 521.—Farm dairy products: Quantity sold from farms, price, and value; milk utilized for household consumption on farms where produced, and value; gross farm income from dairy products; and farm value of milk produced, United States, 1930-47

Year	Farm butter			Deliveries to plants, dealers, etc., at wholesale						Milk and cream re-tailed by farmers		
	Quantity sold	Price per pound	Value of sales	Cream sold as butterfat			Whole milk			Quantity sold, milk equivalent	Price per quart	Value of sales
				Quantity butterfat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 pounds	Value of sales			
1930	121,572	36.3	44,119	1,275,870	34.5	440,152	34,497	2.21	764,095	3,189	11.3	359,075
1931	122,352	27.2	33,321	1,332,560	21.8	329,863	31,671	1.69	584,488	3,244	10.1	329,063
1932	128,672	20.8	26,721	1,356,200	17.9	312,708	33,501	1.28	427,334	3,269	8.9	289,607
1933	122,015	20.1	24,533	1,371,050	18.8	297,549	33,705	1.30	439,179	3,288	8.6	282,945
1934	108,542	22.7	24,636	1,272,220	22.7	288,951	33,852	1.55	523,497	3,293	9.4	308,433
1935	103,970	26.7	27,766	1,223,550	28.1	343,457	35,647	1.74	620,951	3,243	9.8	318,030
1936	93,538	28.8	26,982	1,197,170	32.2	355,997	38,777	1.93	748,218	3,135	10.1	316,685
1937	86,332	29.6	25,548	1,151,270	33.3	352,801	40,470	1.97	796,068	3,086	10.5	320,354
1938	82,552	26.6	22,001	1,229,860	26.3	322,893	42,657	1.72	733,221	2,997	10.3	309,811
1939	76,363	25.0	19,113	1,237,940	23.9	295,456	43,801	1.68	734,703	2,890	10.3	296,250
1940	70,779	26.6	18,857	1,250,280	28.0	350,577	47,170	1.82	856,987	2,841	10.3	323,925
1941	68,018	30.4	20,685	1,289,860	34.2	441,403	52,121	2.18	1,137,956	2,766	10.8	298,546
1942	61,056	35.2	21,515	1,183,860	39.6	468,851	59,185	2.57	1,523,653	2,728	11.8	322,015
1943	53,326	43.7	23,319	1,139,910	49.9	568,313	60,116	3.12	1,874,825	2,669	12.8	340,406
1944	51,315	43.8	22,463	1,999,110	50.3	502,767	64,338	3.21	2,064,364	2,639	13.2	348,240
1945	53,216	45.3	24,091	919,630	50.3	462,314	69,836	3.19	2,227,690	2,614	13.4	349,285
1946	54,496	58.3	31,752	806,780	64.3	518,605	70,591	3.96	2,792,827	2,579	15.2	392,482
1947 <sup>6</sup>	48,518	63.3	30,727	791,750	71.8	568,576	71,269	4.25	3,029,292	2,467	17.5	430,671

Year	Combined sales of milk, cream, and farm butter				Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products <sup>4</sup>	Farm value of milk produced <sup>5</sup>
	Milk utilized <sup>1</sup>	Average returns <sup>2</sup>		Value of sales (receipts from farm marketings)	Milk utilized	Value <sup>3</sup>		
		Per 100 pounds milk	Per pound butterfat					
1930	77,815	2.07	52.8	1,607,441	19,357	435,403	2,042,844	2,104,126
1931	79,565	1.60	40.7	1,276,735	20,467	366,216	1,642,951	1,690,064
1932	79,264	1.24	31.6	986,370	21,687	300,060	1,286,430	1,320,559
1933	79,807	1.26	32.1	1,004,206	22,077	305,292	1,309,498	1,344,985
1934	77,040	1.49	37.8	1,145,517	21,893	352,924	1,498,441	1,537,645
1935	77,312	1.69	42.8	1,310,204	21,217	386,026	1,696,230	1,739,560
1936	79,322	1.86	47.1	1,477,882	20,333	400,097	1,877,979	1,927,227
1937	79,434	1.92	48.6	1,524,771	19,750	406,214	1,930,985	1,982,911
1938	83,513	1.66	42.0	1,387,926	19,444	353,452	1,741,378	1,786,961
1939	84,556	1.59	40.3	1,345,522	19,269	341,302	1,686,824	1,732,211
1940	87,757	1.73	43.6	1,520,346	18,751	358,548	1,878,894	1,929,690
1941	93,537	2.03	51.1	1,898,590	18,607	404,095	2,302,685	2,364,187
1942	97,607	2.39	60.2	2,336,034	17,983	460,007	2,796,041	2,872,985
1943	97,124	2.89	72.6	2,806,863	17,385	538,512	3,345,375	3,437,847
1944	97,466	3.01	75.6	2,937,834	17,256	556,274	3,494,108	3,590,751
1945	100,818 <sup>6</sup>	3.04	76.4	3,063,380	17,351	563,596	3,626,949	3,726,320
1946	98,600	3.79	95.2	3,735,666	17,858	713,900	4,449,566	4,569,667
1947 <sup>6</sup>	98,541	4.12	103.5	4,059,266	17,597	786,054	4,845,320	4,975,839

<sup>1</sup> Milk sold at wholesale and retail, plus milk skimmed for sale as cream and milk equivalent of farm butter sold.

<sup>2</sup> Computed from the value of milk, cream, and farm butter sold, divided by the quantity of milk or butterfat used in the preparation of these products for market.

<sup>3</sup> Milk utilized for household consumption valued in each State at average returns per 100 pounds for milk utilized in dairy products sold.

<sup>4</sup> Value of milk, cream and farm butter sold, plus the value of these products consumed in the household on farms where produced.

<sup>5</sup> Milk produced on farms valued in each State at average returns per 100 pounds for milk utilized in dairy products sold. In addition to gross income, it includes the value of whole milk fed to calves. <sup>6</sup> Preliminary.

TABLE 522.—Milk: Production and utilization, United States, 1941-47

Item	1941	1942	1943	1944	1945	1946	1947 <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Milk production:							
By cows on farms	115,268	118,884	117,785	117,992	121,504	119,713	119,366
Total <sup>2</sup>	118,094	121,710	120,611	120,818	124,330	122,539	122,192
Utilization (milk equivalent):							
Manufacturing:							
Farm butter	7,967	7,365	6,851	6,608	6,755	6,630	6,268
Creamery butter (total)	38,077	35,938	34,460	30,620	28,065	24,146	27,300
Butter from whey cream	665	775	698	713	780	773	850
Creamery butter, net	37,412	35,163	33,762	29,907	27,285	23,373	26,450
Cheese total:							
American	7,612	9,247	7,743	8,090	8,777	8,063	9,600
Other than American	1,945	1,874	2,179	2,044	2,346	2,889	2,430
Evaporated milk (case)	7,023	7,592	6,594	7,384	8,147	6,578	6,840
Unsweetened condensed (bulk)	278	307	249	289	310	269	320
Sweetened condensed (case)	268	147	278	330	339	269	375
Sweetened condensed (bulk)	172	163	145	138	167	151	135
Ice cream (total)	5,754	6,795	<sup>3</sup> 5,376	<sup>3</sup> 5,557	<sup>3</sup> 6,056	<sup>3</sup> 9,708	<sup>3</sup> 8,800
Fat from butter and concentrated milk	1,214	1,457	826	859	926	1,509	1,350
Ice cream net (from milk and cream)	4,540	5,338	<sup>3</sup> 4,550	<sup>3</sup> 4,698	<sup>3</sup> 5,130	<sup>3</sup> 8,199	<sup>3</sup> 7,450
Dry whole milk	347	474	1,052	1,355	1,650	1,421	1,220
Malted Milk	62	93	132	108	112	552	550
Miscellaneous products <sup>4</sup>	1	1	64	406	608		
Total for manufacture, excluding farm butter	59,660	60,399	56,748	54,749	54,871	51,764	55,370
Total for manufacture, including farm butter	67,627	67,764	63,599	61,357	61,626	58,394	61,638
Consumed as fluid milk or cream:							
In cities and villages	34,863	37,650	41,000	43,000	46,000	47,000	45,000
On farms where produced	12,020	11,856	11,615	11,685	11,671	12,318	12,295
Fed to calves	3,124	3,294	3,276	3,270	3,335	3,255	3,228
All other uses and to balance	460	1,146	1,121	1,506	1,698	1,572	31

<sup>1</sup> Preliminary.<sup>2</sup> Includes an allowance of 2,826 million pounds for milk produced by cows not on farms, the same as in 1930 when information on this item was last obtained.<sup>3</sup> Includes ice milk and sherbet.<sup>4</sup> Includes dry cream, dry part skim milk, and dry ice cream mix in all years and whole milk equivalent of cottage cheese in 1946 and 1947.

Bureau of Agricultural Economics. Data for 1926-39 in Agricultural Statistics, 1941, table 578, and for 1940 in the 1942 edition, table 599.

TABLE 523.—Milk: Average price per 100 pounds paid producers by condenseries for milk of 3.5 percent butterfat, by geographic divisions, 1938-47<sup>1</sup>

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North-western <sup>2</sup>	South-western <sup>3</sup>	United States
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938	1.40	1.36	1.25	1.20	1.14	1.19	1.29	1.25
1939	1.41	1.33	1.24	1.19	1.14	1.20	1.28	1.24
1940	1.49	1.49	1.37	1.34	1.30	1.39	1.48	1.38
1941	1.94	1.82	1.84	1.70	1.62	1.78	1.82	1.81
1942	2.16	2.07	2.06	1.97	1.85	2.15	2.28	2.08
1943	2.73	2.60	2.61	2.50	2.43	2.55	2.78	2.61
1944	2.77	2.61	2.64	2.55	2.48	2.63	2.92	2.66
1945	2.75	2.53	2.59	2.53	2.43	2.68	2.92	2.63
1946	3.69	3.21	3.42	3.25	3.08	3.20	3.43	3.36
1947	4.11	3.39	3.49	3.34	3.19	3.24	3.50	3.46

<sup>1</sup> All prices f.o.b. factory.<sup>2</sup> Includes Montana, Wyoming, Idaho, Washington, and Oregon.<sup>3</sup> Includes Colorado, New Mexico, Arizona, Nevada, Utah, and California.

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TABLE 524.—Dairy production program: Payments to producers on milk and butterfat sold, by States, January–June 1946, and United States, 1943–45<sup>1</sup>

State and division	Sales on which payments were made		Payments	
	Milk	Butterfat	Amount	Number <sup>2</sup>
	Million pounds	1,000 pounds	1,000 dollars	
Maine.....	192	566	1,295	7,047
New Hampshire.....	137	199	883	3,748
Vermont.....	698	331	4,408	13,350
Massachusetts.....	395	87	2,624	5,789
Rhode Island.....	63	4	462	820
Connecticut.....	310	29	2,247	4,673
New York.....	3,969	1,245	24,517	71,189
New Jersey.....	481	7	3,530	4,738
Pennsylvania.....	2,275	1,953	14,230	58,322
North Atlantic.....	8,520	4,421	54,196	169,676
Ohio.....	1,995	8,666	11,906	113,155
Indiana.....	1,386	10,464	8,968	106,166
Illinois.....	2,058	15,573	13,591	116,574
Michigan.....	1,920	22,358	12,893	96,243
Wisconsin.....	7,495	5,856	40,643	164,069
Minnesota.....	2,495	66,418	24,000	151,433
Iowa.....	553	79,623	15,593	155,343
Missouri.....	898	14,784	6,977	112,515
North Dakota.....	46	23,942	4,026	49,475
South Dakota.....	64	17,483	3,107	44,228
Nebraska.....	190	26,727	5,259	75,923
Kansas.....	428	23,116	5,940	81,700
North Central.....	19,528	315,010	152,903	1,266,824
Delaware.....	81	48	513	1,914
Maryland.....	482	458	3,112	10,214
Virginia.....	356	2,861	2,685	29,799
West Virginia.....	132	1,533	1,071	15,331
North Carolina.....	224	838	1,984	21,760
South Carolina.....	76	301	681	3,833
Georgia.....	173	699	1,553	6,501
Florida.....	196	18	1,643	845
South Atlantic.....	1,720	6,756	13,242	90,197
Kentucky.....	389	8,103	3,285	80,547
Tennessee.....	502	3,115	3,108	56,453
Alabama.....	149	655	1,075	13,181
Mississippi.....	278	751	1,814	29,449
Arkansas.....	178	3,777	1,639	32,518
Louisiana.....	154	168	1,001	3,572
Oklahoma.....	354	19,839	5,325	74,451
Texas.....	766	9,496	6,317	69,761
South Central.....	2,770	45,904	23,564	359,932
Montana.....	82	4,931	1,213	15,302
Idaho.....	480	3,011	3,022	27,333
Wyoming.....	48	1,459	483	5,854
Colorado.....	216	5,145	2,182	19,880
New Mexico.....	47	977	451	3,512
Arizona.....	106	145	699	2,020
Utah.....	257	654	1,724	14,207
Nevada.....	23	333	197	715
Washington.....	653	3,370	4,625	25,265
Oregon.....	424	4,195	3,327	22,046
California.....	2,777	1,889	18,557	25,280
Western.....	5,113	26,109	36,580	161,414
Total, 1946.....	37,651	398,200	280,485	2,048,043
Total, 1943.....	12,086	142,284	49,664	1,534,375
Total, 1944.....	60,034	742,192	385,455	1,900,528
Total, 1945.....	70,426	762,837	483,062	2,048,043

<sup>1</sup> These payments were authorized by the War Food Administration in an effort to maintain and increase the production of dairy products. They were made through Commodity Credit Corporation, with county AAA committees (under supervision of the State committee, responsible for the administration of the program, for the period beginning October 1943 and ended June 30, 1946. A payment was made after the close of each production period for eligible dairy products produced and sold during such period. Beginning on Jan. 1, 1945, the production periods were calendar quarters. Only one payment was made to an eligible producer for each production period.

<sup>2</sup> The data shown for 1945 and 1946 represent the number of payments for the second quarter. Totals shown for 1943 and 1944 represent the sum of the payments for the peak period of each State.

Production and Marketing Administration.



TABLE 525.—*Fluid milk: Dealers' average buying price per 100 pounds for standard grade milk (3.5 percent butterfat basis) used for city distribution as milk and cream, by geographic divisions, 1938-47*<sup>1</sup>

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Moun- tain	Pacific	United States
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1938.....	2.81	2.54	2.06	1.95	2.79	2.09	2.00	1.98	1.95	2.26
1939.....	2.80	2.40	1.91	1.84	2.73	2.03	1.97	1.85	1.91	2.17
1940.....	2.82	2.56	1.96	1.87	2.74	2.13	1.92	1.82	1.93	2.21
1941.....	3.00	2.72	2.21	2.01	2.90	2.34	2.09	1.96	2.20	2.40
1942.....	3.42	3.13	2.54	2.33	3.23	2.87	2.66	2.25	2.70	2.79
1943.....	3.68	3.37	2.93	2.73	3.58	3.29	3.22	2.66	3.10	3.16
1944.....	3.74	3.42	3.02	2.80	3.73	3.40	3.31	2.87	3.13	3.24
1945.....	3.75	3.43	3.04	2.81	3.77	3.44	3.32	2.89	3.14	3.26
1946.....	4.56	4.14	3.63	3.48	4.45	4.03	3.90	3.51	3.78	3.92
1947.....	5.32	4.95	4.19	4.08	5.37	4.80	4.81	4.37	4.66	4.71

<sup>1</sup> All prices f.o.b. local shipping point or country plant. Compiled from reports of the Bureau secured through the cooperation of milk distributors, producers' associations, and municipal officers.

Bureau of Agricultural Economics.

TABLE 526.—Milk, standard: Dealers' retail price per quart, delivered to homes in cities, 1938-47<sup>1</sup>

City	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Boston.....	13.0	13.3	13.2	13.7	15.0	15.7	16.0	16.0	18.2	20.2
New Haven.....	14.0	14.0	14.0	14.8	16.0	16.0	16.0	16.0	18.1	20.2
New York.....	13.1	13.4	14.8	15.7	16.9	17.1	17.0	17.0	19.5	21.1
Philadelphia.....	12.0	12.0	12.0	12.4	14.0	14.0	14.0	14.0	16.7	19.1
Pittsburgh.....	13.0	11.7	12.5	13.4	14.0	15.5	15.5	15.5	17.6	19.7
Cleveland.....	11.3	10.5	11.1	12.6	14.0	14.9	15.0	15.0	17.1	17.7
Indianapolis.....	12.0	11.5	11.4	12.6	14.0	14.0	14.0	14.0	15.8	17.9
Chicago.....	12.4	11.8	13.0	14.0	15.4	16.5	16.5	16.5	18.9	21.0
Detroit.....	11.8	10.1	11.0	11.9	14.0	14.9	15.0	15.0	16.5	18.3
Milwaukee.....	12.0	10.9	11.0	12.0	11.8	12.8	13.0	13.0	15.1	16.8
Minneapolis.....	11.0	11.1	10.5	12.1	12.2	13.0	13.0	13.0	15.1	18.2
Kansas City, Mo.....	13.0	13.0	11.7	12.2	13.0	14.7	15.0	15.0	16.8	18.0
Omaha.....	10.8	10.3	11.0	11.3	12.9	13.0	13.0	13.0	15.5	17.5
Baltimore.....	13.0	12.8	11.8	13.2	14.0	14.0	14.0	14.0	16.5	19.0
Washington, D. C.....	14.0	14.0	14.0	14.3	15.0	15.0	15.0	15.0	17.2	19.8
Jacksonville.....	16.0	16.0	16.0	16.3	18.0	18.4	19.0	19.0	20.6	22.3
Louisville.....	13.3	12.7	12.8	14.1	15.0	15.8	16.0	16.0	18.0	19.8
New Orleans.....	12.0	12.2	13.0	14.2	15.5	15.4	15.5	15.5	17.7	20.6
Dallas.....	11.0	10.8	11.0	11.8	14.0	14.8	15.0	15.0	16.8	19.2
Denver.....	12.0	11.8	12.0	12.2	13.0	13.0	13.5	13.5	15.5	18.2
Salt Lake City.....	10.6	10.7	10.0	10.4	12.2	13.0	13.0	13.0	14.8	17.1
Seattle.....	10.4	10.3	11.0	11.9	14.0	14.0	14.0	14.0	16.1	19.3
Portland, Oreg.....	11.3	11.0	11.0	12.2	14.0	14.0	14.0	14.0	15.7	17.8
San Francisco.....	13.0	12.3	12.2	13.6	14.8	15.5	15.5	15.5	17.1	18.7
Los Angeles.....	11.8	11.5	11.6	12.3	13.5	14.5	14.5	14.5	16.2	18.3
Average, 25 cities	12.3	12.0	12.1	13.0	14.2	14.8	14.9	14.9	16.9	19.0
Fall River, Mass.....	14.0	14.0	14.0	14.4	15.0	15.8	16.0	16.0	18.4	20.6
Lowell-Lawrence, Mass.....	13.4	13.2	13.2	13.6	15.0	16.1	16.5	16.0	18.2	20.3
Cincinnati, Ohio.....	13.0	11.2	10.8	12.6	14.9	15.0	15.0	15.0	16.7	19.0
Columbus, Ohio.....	10.2	10.0	10.4	11.8	13.0	14.0	14.0	14.0	15.9	17.2
Dayton-Springfield, Ohio.....	10.5	10.7	11.0	12.3	14.0	14.9	15.0	15.0	16.8	18.8
Toledo, Ohio.....	12.0	12.0	12.0	12.5	14.0	14.9	15.0	15.0	16.7	18.7
Fort Wayne, Ind.....	11.0	11.0	11.0	11.9	13.2	13.9	14.0	14.0	15.9	17.7
Duluth, Minn.....	10.2	10.0	9.6	11.2	11.9	13.4	13.5	13.5	15.0	16.7
Sioux City, Iowa.....	11.0	10.3	11.0	11.2	12.2	12.0	12.7	13.0	15.2	17.6
St. Louis, Mo.....	13.2	11.6	12.4	13.8	14.5	15.2	15.5	15.5	17.5	19.9
Topeka, Kans.....	10.3	10.2	10.1	10.9	12.0	14.2	14.5	14.5	16.7	18.6
Wichita, Kans.....	12.0	10.7	12.0	12.2	13.8	14.7	15.0	15.0	16.6	17.2

<sup>1</sup> "Standard" refers to the grade of milk commonly sold in each market. Grades may vary from market to market because of variation of the factors which enter into grade determination.

Bureau of Agricultural Economics. Compiled from reports secured through the cooperation of milk distributors, producers' associations, and municipal officers.

TABLE 527.—Milk marketing programs: Blend and Class I prices, number of producers, number of producers, quantity of pooled milk, and quantity of Class I milk pooled, 1946 and 1947

Market	Basic buttermilk test	Average minimum prices per 100 lb. payable to producers (f.o.b. city) 1 2				Class I		Number of producers 2			Total pooled milk			Class I milk pooled 3			
		Blend		Class I		1946		1947		1946			1947			1948	
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Number	Number	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
Boston, Mass. 4	3.7	4.18	4.63	4.73	5.56	12,651	13,000	1,296,140	1,331,422	1,288,661	1,331,422	1,331,422	1,331,422	1,331,422	1,331,422		
Chicago, Ill. 6	3.5	3.98	3.90	4.15	4.10	17,454	18,701	2,042,868	2,539,672	2,539,672	2,539,672	2,539,672	2,539,672	2,539,672			
Chicago, suburban, Grade A 6	3.5	4.00	4.12	4.16	4.16	305	522	75,350	75,953	75,953	75,953	75,953	75,953	75,953			
Chicago, suburban, Grade B 6	3.5	3.89	3.97	4.05	4.06	2,494	2,384	206,774	200,064	183,188	183,188	183,188	183,188	183,188			
Cincinnati, Ohio 6	3.5	3.88	4.42	4.32	5.11	4,886	5,222	290,724	310,589	173,019	173,019	173,019	173,019	173,019			
Cleveland, Ohio 6	3.5	3.48	4.36	4.38	4.50	7,110	7,191	160,040	593,279	147,074	147,074	147,074	147,074	147,074			
Clinton, Iowa 6	3.5	3.78	4.11	3.86	4.12	179	142	13,692	13,432	10,329	10,329	10,329	10,329	10,329			
Columbus, Ohio 6	3.5	3.25	4.21	4.30	4.26	2,074	2,278	151,711	179,456	119,806	119,806	119,806	119,806	119,806			
Dayton-Springfield, Ohio	3.5	3.96	4.18	4.02	4.32	2,548	2,706	185,740	195,200	149,049	149,049	149,049	149,049	149,049			
Dubuque, Iowa	3.5	3.75	3.88	4.05	4.23	200	200	25,592	26,939	14,873	14,873	14,873	14,873	14,873			
Duluth-Superior, Minn.-Wis.	4.0	3.97	4.51	4.13	4.65	1,240	1,278	78,887	85,922	49,171	49,171	49,171	49,171	49,171			
Fort Wayne, Ind.	3.7	4.23	4.52	4.39	4.66	755	837	52,410	60,707	36,129	36,129	36,129	36,129	36,129			
Kansas City, Mo.-Kansas	3.8	4.28	4.43	4.42	4.67	2,032	2,289	215,948	237,309	167,658	167,658	167,658	167,658	167,658			
La Porte County, Ind.	3.8	4.22	4.21	4.33	4.32	192	190	18,542	18,442	14,066	14,066	14,066	14,066	14,066			
Louisville, Ky.	3.8	4.43	4.59	4.63	4.85	1,713	1,713	186,101	194,692	146,927	146,927	146,927	146,927	146,927			
Lowell-Lawrence, Mass.	3.7	4.59	5.30	4.63	5.45	1,053	976	86,376	90,398	81,001	81,001	81,001	81,001	81,001			
Minneapolis-St. Paul, Minn.	3.5	7.378	7.94	4.04	4.16	8,042	5,616	771,872	625,926	416,810	416,810	416,810	416,810	416,810			
Nashville, Tenn. 13	4.0	6.03	6.03	6.03	6.03	568	568	5,351	5,351	5,351	5,351	5,351	5,351	5,351			
New Orleans, La. 14	4.0	4.40	4.83	4.41	4.97	1,955	2,196	147,339	164,113	128,661	128,661	128,661	128,661	128,661			
New York, N. Y. 16	3.5	4.09	4.44	4.33	4.91	46,837	45,808	5,629,976	5,707,352	159,336	159,336	159,336	159,336	159,336			
Omaha-Council Bluffs, Nebr.-Iowa	3.8	4.08	4.36	4.24	4.63	2,627	2,638	140,718	146,918	95,014	95,014	95,014	95,014	95,014			
Philadelphia, Pa.	4.0	7.459	7.515	4.65	5.38	8,966	9,087	928,950	970,382	725,586	725,586	725,586	725,586	725,586			
Quad Cities, Ill.-Iowa 16	3.5	3.74	3.92	4.05	4.23	1,298	1,323	108,221	109,256	57,082	57,082	57,082	57,082	57,082			
St. Joseph County, Ind.	3.5	4.34	4.40	4.32	4.51	658	660	63,853	64,720	49,018	49,018	49,018	49,018	49,018			
St. Louis, Mo.	3.5	4.30	4.47	4.38	4.56	3,411	3,323	355,214	350,931	305,353	305,353	305,353	305,353	305,353			
St. Joseph County, Ind.	3.5	3.97	4.27	4.02	4.30	498	498	31,147	31,765	25,524	25,524	25,524	25,524	25,524			
St. Joseph County, Ind.	3.5	4.09	4.09	4.09	4.09	796	796	5,219	5,219	4,977	4,977	4,977	4,977	4,977			
South City, Iowa	3.5	4.11	4.32	4.23	4.45	2,050	2,029	137,459	142,731	108,577	108,577	108,577	108,577	108,577			
South City, Iowa	3.5	4.14	4.53	4.17	4.82	202	283	19,605	27,896	18,416	18,416	18,416	18,416	18,416			
Toledo, Ohio	3.5	4.44	4.53	4.44	4.53	4.53	4.53	4.53	4.53	4.53	4.53	4.53	4.53	4.53	4.53		
Topeka, Kans.	3.5	4.14	4.53	4.17	4.82	202	283	19,605	27,896	18,416	18,416	18,416	18,416	18,416			
Tri-State (Ky., Ohio, W. Va.)	3.5	4.30	4.57	4.34	4.68	521	595	42,819	47,508	36,356	36,356	36,356	36,356	36,356			
Huntington district plants	3.5	4.12	4.39	4.14	4.48	672	726	52,791	55,596	45,596	45,596	45,596	45,596	45,596			
Other plants	3.8	4.44	4.54	4.46	4.64	409	478	45,125	53,585	39,610	39,610	39,610	39,610	39,610			
Wichita, Kans.	3.8	4.44	4.54	4.46	4.64	409	478	45,125	53,585	39,610	39,610	39,610	39,610	39,610			

For footnotes see bottom of page 420.

TABLE 528.—Milk and cream: Receipts at New York, Philadelphia, and Boston, by rail and truck, 1938-47

Product and year	New York			Philadelphia			Boston		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 40-qt. unit equiva- lents</i>	<i>1,000 40-qt. unit equiva- lents</i>	<i>1,000 40-qt. unit equiva- lents</i>	<i>1,000 40-qt. unit equiva- lents</i>	<i>1,000 40-qt. unit equiva- lents</i>	<i>1,000 40-qt. unit equiva- lents</i>	<i>1,000 40-qt. unit equiva- lents</i>	<i>1,000 40-qt. unit equiva- lents</i>	<i>1,000 40-qt. unit equiva- lents</i>
Fluid milk:									
1938	16,680	20,847	37,527	1,709	5,716	7,425	4,216	1,498	5,714
1939	14,857	22,755	37,612	1,423	6,627	8,050	3,800	2,049	5,849
1940	13,950	23,475	37,425	1,374	7,084	8,458	3,594	2,514	6,108
1941	13,868	24,942	38,810	1,270	7,631	8,901	3,827	2,603	6,430
1942	14,214	25,319	39,533	1,466	7,872	9,338	4,285	2,876	7,161
1943	16,509	25,622	42,131	1,217	8,113	9,330	5,116	2,730	7,846
1944	17,333	26,077	43,410	1,041	8,761	9,802	5,200	3,087	8,287
1945	18,237	26,175	44,412	873	9,566	10,439	5,499	3,482	8,981
1946	18,858	27,747	46,605	716	9,757	10,473	4,949	4,313	9,262
1947	16,649	29,845	46,494	706	9,856	10,562	5,046	3,864	8,910
Fluid cream: <sup>1</sup>									
1938	1,106	380	1,486	130	101	231	496	63	559
1939	1,065	518	1,583	115	137	252	477	78	555
1940	906	582	1,488	129	148	277	457	107	564
1941	887	565	1,452	144	162	306	506	99	605
1942	816	474	1,290	156	170	326	493	91	584
1943	578	172	750	154	114	268	405	83	488
1944	652	159	811	194	146	340	380	59	439
1945	784	187	971	206	151	357	488	44	532
1946	935	243	1,178	408	136	544	656	42	698
1947	854	302	1,156	282	130	412	438	70	508

<sup>1</sup> 40-percent butterfat basis.

Production and Marketing Administration.

## FOOTNOES FOR TABLE 527:

- <sup>1</sup> As specified in order.  
<sup>2</sup> Simple average of monthly data.  
<sup>3</sup> Boston, New York, and Philadelphia in area only.  
<sup>4</sup> Class I price in 40-mile zone; blend price in 191-200 mile zone, January-May 1946; 201-210 mile zone, June 1946-December 1947.  
<sup>5</sup> Revised.  
<sup>6</sup> 70-mile zone.  
<sup>7</sup> Individual-handler pool. Weighted average of handlers' prices.  
<sup>8</sup> Order effective Aug. 1, 1946. Pricing provisions effective Sept. 1, 1946.  
<sup>9</sup> Order effective Feb. 1, 1946.  
<sup>10</sup> Changed from 4.0 percent to 3.5 percent effective July 1, 1947.  
<sup>11</sup> Changed to individual-handler pool effective Aug. 1, 1947.  
<sup>12</sup> Changed from 4.0 percent to 3.8 percent effective Oct. 1, 1947.  
<sup>13</sup> Order effective Nov. 16, 1947. Pricing provisions effective Dec. 1, 1947.  
<sup>14</sup> 61-70 mile zone.  
<sup>15</sup> 201-210 mile zone.  
<sup>16</sup> Grade A and nongrade A prices available Jan. 1, 1948.  
<sup>17</sup> La Porte, Indiana, order merged with St. Joseph County, Indiana, order effective Dec. 1, 1947. Now known as South Bend-La Porte, Indiana.  
<sup>18</sup> January-June 15, 1946, reported per pound of butterfat and converted to 3.8 percent milk.

Production and Marketing Administration. Compiled from reports of the market administrators.

TABLE 529.—*Milk and cream: Receipts at New York, Philadelphia, and Boston, by origin, 1946 and 1947*<sup>1</sup>

Product and origin	New York		Philadelphia		Boston	
	1946	1947	1946	1947	1946	1947
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
	<i>40-qt. unit</i>	<i>40-qt. unit</i>	<i>40-qt. unit</i>	<i>40-qt. unit</i>	<i>40-qt. unit</i>	<i>40-qt. unit</i>
	<i>equivalents</i>	<i>equivalents</i>	<i>equivalents</i>	<i>equivalents</i>	<i>equivalents</i>	<i>equivalents</i>
Fluid milk:						
Maine.....					922	1,014
New Hampshire.....					651	674
Vermont.....	1,675	1,873			6,315	5,698
Massachusetts.....					443	424
Connecticut.....	35	78				
New York.....	33,910	32,996	264	94	691	960
New Jersey.....	5,315	5,654	710	750		
Pennsylvania.....	5,551	5,729	7,656	7,864		
Ohio.....			4	16	47	128
Indiana.....	2		28	12	1	7
Michigan.....					3	1
Wisconsin.....	1	14	12	20	145	3
Minnesota.....			6		44	1
Delaware.....		15	539	564		
Maryland.....	116	135	1,254	1,242		
Total.....	46,605	46,494	10,473	10,562	9,262	8,910
Fluid cream: <sup>2</sup>						
Maine.....					10	18
New Hampshire.....					1	1
Vermont.....	5	17			86	127
Massachusetts.....					2	
New York.....	897	972	8	9	2	30
New Jersey.....	20	15				
Pennsylvania.....	43	33	87	78		
Ohio.....	13	19			28	44
Indiana.....	2	1	92	67	53	75
Illinois.....			5		1	
Michigan.....	73	63	2	2	18	53
Wisconsin.....	111	34	303	226	277	51
Minnesota.....	14	2	15	2	168	32
Iowa.....			1		1	
Missouri.....			1		39	59
Maryland.....			28	28		
Virginia.....						2
North Carolina.....						11
Kentucky.....					4	3
Tennessee.....					6	1
Arkansas.....					2	1
Idaho.....			2			
Total.....	1,178	1,156	544	412	698	508

<sup>1</sup> Figures include both rail and truck receipts.<sup>2</sup> 40-percent butterfat basis.

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TABLE 530.—*Cream (40-percent butterfat): Average wholesale price per 40-quart can, New York, Philadelphia, and Boston, 1938-47*

Year	New York	Philadel- phia	Boston	Year	New York	Philadel- phia	Boston
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1938.....	16.98	13.02	13.50	1943.....	28.29	23.96	23.55
1939.....	17.18	12.87	12.92	1944.....	28.66	24.27	23.63
1940.....	19.29	13.73	13.87	1945.....	28.78	24.89	24.75
1941.....	22.21	17.47	17.37	1946.....	37.22	32.41	32.26
1942.....	24.65	19.08	19.46	1947.....	38.50	32.87	32.28

Production and Marketing Administration.

TABLE 531.—Dairy products: Factory production of specified items, by States, average 1940-44, annual 1945 and 1946

State and division	Creamery butter (including whey butter)			American Cheddar cheese			All cheese <sup>1</sup>		
	Average 1940-44	1945	1946	Average 1940-44	1945	1946	Average 1940-44	1945	1946
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine	178	377	745						
Vermont	2,791	3,773	2,140	634	906	114	1,927	3,739	3,791
Massachusetts	205	170	462				1,583	2,373	3,739
Rhode Island	6						17	8	
Connecticut	37	9	10				120	204	77
New England	3,217	4,329	3,357	634	906	114	3,647	6,324	7,607
New York	24,348	20,915	14,368	28,096	23,633	11,780	65,837	62,072	53,916
New Jersey	106	78	76	23		11	1,067	1,049	2,062
Pennsylvania	13,650	12,664	8,716	1,401	1,711	1,252	11,578	12,832	14,271
Middle Atlantic	38,104	33,657	23,160	29,520	25,344	13,043	78,482	75,953	70,249
Ohio	72,024	60,019	49,107	18,044	23,415	19,983	28,845	34,206	31,787
Indiana	60,671	45,550	34,497	36,636	39,816	38,496	36,815	39,847	38,559
Illinois	76,476	65,184	61,373	53,698	68,753	63,280	68,732	87,075	85,300
Michigan	80,268	55,457	46,579	29,619	25,800	23,509	23,744	29,501	29,512
Wisconsin	154,808	109,901	83,093	371,487	388,617	370,734	473,875	515,184	525,326
East North Central	444,247	336,111	274,619	500,484	546,401	516,002	632,011	705,813	710,454
Minnesota	299,628	233,436	175,891	26,508	44,056	41,152	28,477	46,316	47,852
Iowa	239,125	214,142	207,997	8,000	13,134	10,750	8,143	13,383	11,064
Missouri	77,487	71,412	61,413	34,796	49,906	48,484	35,114	50,409	48,969
North Dakota	61,684	51,007	49,800	251	80	155	251	80	155
South Dakota	43,186	34,306	36,655	1,889	1,649	1,648	1,389	1,649	1,648
Nebraska	88,426	75,291	80,783	2,253	1,691	1,256	2,256	1,693	1,413
Kansas	73,557	52,385	48,892	13,806	12,729	10,877	13,833	12,729	11,477
West North Central	883,093	731,979	661,431	87,003	123,245	114,322	89,463	126,259	122,678
Dist. of Columbia				2	8	2	2	12	13
Delaware	19						27		
Maryland	2,362	2,778	2,646	2			2		
Virginia	7,245	7,594	7,165	73	136	159	73	136	159
West Virginia	2,434	2,154	1,691	171	212	143	171	212	144
North Carolina	2,030	1,714	1,561	450	1,140	1,142	450	1,140	1,142
South Carolina	467	295	235	247			247		
Georgia	1,300	943	632	15	36	35	15	36	35
Florida	56								
South Atlantic	15,913	15,478	13,930	960	1,532	1,481	987	1,536	1,493
Kentucky	21,757	22,673	19,563	11,505	19,250	18,900	11,536	19,424	18,900
Tennessee	15,907	14,956	11,599	19,695	29,175	30,339	21,099	31,733	34,112
Alabama	852	159	135	3,528	5,379	3,567	3,528	5,379	3,569
Mississippi	4,521	4,021	2,766	9,328	12,338	10,943	9,332	12,338	11,033
Arkansas	7,041	6,417	5,386	6,490	7,812	6,073	6,768	8,174	6,073
Louisiana	992	432	315	130			130		
Oklahoma	52,384	44,952	37,574	10,996	15,776	13,552	11,053	15,776	13,582
Texas	36,516	25,396	17,173	17,186	13,669	7,693	19,871	16,362	11,569
South Central	139,970	119,006	94,511	78,758	103,399	91,067	83,317	109,186	99,128
Montana	12,835	9,883	9,446	2,162	4,266	3,464	2,173	4,266	3,464
Idaho	36,643	30,632	16,600	15,357	21,024	20,114	18,414	25,380	23,290
Wyoming	3,240	2,496	2,770	806	927	800	1,805	962	1,350
Colorado	22,534	16,542	15,351	1,359	1,395	806	2,267	2,119	1,674
New Mexico	2,772	1,487	1,210	592	474	334	592	474	334
Arizona	1,598	932	336	206	53	423	579	513	1,056
Utah	9,048	5,982	4,359	5,610	8,290	7,042	6,180	9,352	10,086
Nevada	1,870	981	852	17	5	5	17	5	5
Mountain	90,560	68,955	50,924	26,109	36,434	32,988	32,027	44,071	41,267
Washington	33,209	19,969	16,372	10,454	7,562	6,644	10,944	8,055	7,504
Oregon	28,975	18,533	16,465	25,150	26,582	23,379	26,110	29,745	26,089
California	49,780	15,700	16,619	9,455	3,679	2,768	15,914	9,830	14,412
Pacific	111,964	54,202	49,456	45,059	37,823	32,791	52,968	47,630	48,005
United States	1,727,068	1,363,717	1,171,388	768,527	875,084	801,808	972,902	1,116,772	1,100,811

See footnotes at end of table.

TABLE 531.—*Dairy products: Factory production of specified items, by States, average 1940-44, annual 1945 and 1946—Continued*

State and division	Evaporated whole milk (case goods)			Nonfat dry milk solids (total) <sup>2</sup>			Ice cream		
	Average 1940-44	1945	1946	Average 1940-44	1945	1946	Average 1940-44	1945	1946
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....				435	1,029	603	2,452	2,964	4,651
New Hampshire.....							981	1,391	1,688
Vermont.....				11,870	6,414	1,517	968	1,172	2,090
Massachusetts.....				115	266	1,046	15,481	18,895	25,835
Rhode Island.....							3,667	4,217	5,604
Connecticut.....				68	52	27	4,871	5,775	8,216
New England.....				12,488	7,761	3,193	28,420	34,414	47,954
New York.....	149,595	97,864	32,126	72,240	47,392	37,292	42,223	46,549	68,656
New Jersey.....				13			8,923	9,114	13,405
Pennsylvania.....	51,423	54,006	32,498	15,375	9,607	8,733	48,321	53,555	79,494
Middle Atlantic.....	201,018	151,870	64,624	87,628	56,999	46,025	99,467	109,218	161,555
Ohio.....	351,014	399,764	332,287	17,694	24,312	18,444	25,836	30,087	44,570
Indiana.....	97,201	125,230	112,576	15,564	21,900	21,712	11,555	13,499	21,696
Illinois.....	193,790	225,548	178,559	3,835	5,685	7,030	25,607	28,439	43,839
Michigan.....	164,955	229,547	189,994	34,425	33,426	31,162	19,371	21,050	30,895
Wisconsin.....	986,492	1,120,878	831,417	153,027	194,779	192,428	11,044	12,035	19,190
East North Central.....	1,793,452	2,100,967	1,644,833	224,545	230,192	270,776	93,413	105,110	160,190
Minnesota.....	28,422	48,282	41,939	67,078	169,262	200,095	9,112	10,022	17,961
Iowa.....	37,432	43,784	40,585	2,457	9,866	11,541	8,180	9,587	15,168
Missouri.....	141,235	200,689	173,724	18,265	22,968	26,194	11,481	13,078	21,273
North Dakota.....				235	586	568	1,270	1,505	3,079
South Dakota.....				103	72		1,680	1,777	3,213
Nebraska.....				3,665	2,471	4,479	3,900	4,881	7,416
Kansas.....	48,908	60,070	53,683	5,254	4,481	4,970	4,512	5,028	8,146
West North Central.....	255,997	352,825	309,931	97,057	209,706	247,847	40,135	45,878	76,256
Dist. of Columbia.....							5,916	7,459	9,887
Delaware.....							1,704	2,119	2,835
Maryland.....	25,731	32,650	22,285	2,562	2,508	1,522	7,438	8,420	11,228
Virginia.....	24,427	40,953	38,022	966	746	701	7,463	9,117	13,668
West Virginia.....	18,409	30,958	26,679	111	347	483	4,014	4,778	7,815
North Carolina.....	18,859	31,703	26,150 <sup>1</sup>	10	488	815	7,649	9,671	16,366
South Carolina.....	2,351	8,750	9,594				2,338	3,169	3,561
Georgia.....							4,768	5,256	8,092
Florida.....							5,980	8,705	11,320
South Atlantic.....	89,617	145,014	122,730	3,649	4,089	3,521	47,270	58,695	84,772
Kentucky.....	95,651	138,629	139,264	1,621	1,717	1,599	3,244	3,832	5,719
Tennessee.....	77,836	114,340	109,333	2,321	1,239	1,210	6,975	8,834	16,662
Alabama.....	1,735			163	19	740	4,836	6,358	9,015
Mississippi.....	35,847	47,128	38,426	1,565	2,565	1,896	2,760	3,223	4,912
Arkansas.....	3,543	32,937	27,849			25	2,073	2,774	3,105
Louisiana.....				46			4,447	5,335	7,514
Oklahoma.....				1,187	2,894	2,170	4,669	5,786	8,566
Texas.....	35,848	42,810	33,950	2,551	1,617	619	18,287	21,830	32,706
South Central.....	250,460	375,844	348,822	9,454	10,051	8,259	47,291	57,972	88,189
Montana.....							1,562	1,588	2,809
Idaho.....	35,541	50,116	47,411	21,891	36,552	33,860	1,210	1,465	2,480
Wyoming.....				778		1,019	517	604	883
Colorado.....	20,870	25,320	18,845	151	154		3,784	4,255	6,339
New Mexico.....				47			714	1,009	1,380
Arizona.....	8,757	8,887	6,711	337	182	43	1,194	1,479	2,227
Utah.....	67,523	83,433	67,104	6,291	5,990	4,247	1,892	2,372	3,609
Nevada.....				36	275	294	331	518	569
Mountain.....	132,691	167,756	140,071	29,531	43,153	39,463	11,204	13,288	20,296
Washington.....	112,023	116,869	76,597	13,687	11,818	7,946	6,504	8,370	11,980
Oregon.....	34,814	39,673	32,853	9,203	4,166	5,253	3,958	4,719	7,153
California.....	272,946	325,565	310,182	56,378	32,119	34,886	27,990	38,693	55,499
Pacific.....	419,783	482,107	419,632	79,268	48,103	48,085	38,442	51,782	74,632
United States.....	3,143,018	3,776,383	3,050,643	543,620	660,054	667,169	405,642	476,357	713,844

<sup>1</sup> Excluding cottage and full skim Cheddar cheese. <sup>2</sup> Includes dry skim milk for animal feed.

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TABLE 532.—*Dairy products: Quantities manufactured, United States, 1939-46*

Product	1939	1940	1941	1942	1943	1944	1945	1946
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Creamery butter	1,781,737	1,836,826	1,872,183	1,764,054	1,673,788	1,488,502	1,363,717	1,171,388
Renovated or process butter	2,616	2,672	3,195	3,768	2,940	6,406	2,345	1,441
American cheese:								
Whole milk	537,298	602,790	753,122	916,850	765,089	804,787	875,084	801,808
Part skim	4,247	3,890	4,139	3,759	4,670	2,248	1,098	2,696
Full skim	236	247	416	1,001	2,337	2,628	2,172	2,367
Swiss cheese (including block)	42,631	48,659	55,962	52,561	45,626	45,571	50,065	55,192
Munster cheese	7,032	8,362	7,426	9,210	8,946	11,191	7,314	9,235
Brick cheese	27,937	25,966	24,640	19,588	19,032	16,244	7,442	8,443
Limburger cheese	8,971	8,198	8,088	8,441	6,653	7,510	8,777	9,548
Cream cheese	47,961	51,183	50,012	47,554	<sup>1</sup> 70,451	<sup>1</sup> 60,440	<sup>1</sup> 66,912	<sup>1</sup> 73,226
Blue mold cheese					<sup>2</sup> 8,036	<sup>2</sup> 6,835	<sup>2</sup> 9,828	<sup>2</sup> 12,451
All Italian varieties of cheese	20,509	25,002	34,363	34,916	43,003	41,762	64,628	75,388
All other varieties of cheese	11,941	11,440	18,409	19,435	21,788	20,659	25,624	52,824
Total of all cheese <sup>4</sup>	708,527	785,490	956,161	1,112,314	993,294	1,017,247	1,116,772	1,100,811
Cottage, pot, and bakers' cheese	166,720	174,257	187,595	196,799	213,910	224,374	284,774	( <sup>7</sup> )
Condensed milk (sweetened):								
Case goods:								
Skimmed	1,454	1,872	2,334	4,839	697	102	216	302
Unskimmed	34,732	61,955	114,772	62,453	117,247	139,145	143,306	113,906
Bulk goods:								
Skimmed	152,886	166,017	173,658	225,840	306,899	374,840	<sup>3</sup> 519,188	835,068
Unskimmed	54,897	76,138	79,299	75,382	66,588	63,586	<sup>3</sup> 77,016	69,740
Unsweetened condensed milk (plain condensed):								
Bulk goods:								
Skimmed	223,001	246,910	326,535	318,379	325,512	363,771	454,443	486,530
Unskimmed	107,026	128,017	113,965	125,880	102,452	119,403	128,875	111,428
Evaporated milk (unsweetened):								
Case goods:								
Unskimmed	2,170,601	2,464,668	3,246,547	3,518,504	3,057,274	3,428,089	3,776,383	3,050,643
Concentrated skim milk (for animal feed)	11,686	14,891	19,450	13,211	14,964	20,489	12,250	23,408
Condensed or evaporated buttermilk	104,288	111,842	128,183	169,999	167,338	157,503	160,441	226,708
Dry buttermilk	62,187	67,931	75,614	69,637	60,995	56,683	49,578	38,741
Dry whole milk	24,472	29,409	45,627	62,167	137,766	177,754	217,276	188,406
Nonfat dry milk solids	267,860	321,843	366,455	565,414	509,620	582,912	642,546	653,465
Dryskim milk (animal feed)	140,520	159,962	110,042	61,148	24,279	16,407	17,508	13,704
Total nonfat dry milk solids <sup>5</sup>	408,380	481,805	476,497	626,562	533,899	599,319	660,054	667,169
Dry cream	49	54	43	54	216	193	203	567
Dry whey	56,341	90,996	111,316	124,479	110,158	141,553	135,920	147,953
Dry casein (skim milk or buttermilk product)	40,878	46,616	47,346	42,268	18,386	15,264	12,333	18,319
Malted milk powder	19,744	20,021	23,242	34,679	49,435	40,549	42,751	45,029
Ice cream:	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Wholesale	278,532	287,099	<sup>6</sup> 340,992	409,169	368,938	394,123	424,289	651,541
Retail	25,990	30,989	<sup>6</sup> 49,183	54,977	42,688	50,075	52,068	62,303
Total manufactured Sherbet (does not include water ices)	304,522	318,088	<sup>6</sup> 390,175	464,146	411,626	444,198	476,357	713,844
	7,224	8,089	8,060	8,772	47,218	49,481	65,177	12,019

<sup>1</sup> Includes Neufchatel cheese.<sup>2</sup> Prior to 1943 included in "All other varieties of cheese."<sup>3</sup> Revised.<sup>4</sup> Excluding American full skim cheese and cottage, pot, and bakers' cheese.<sup>5</sup> Includes dry skim milk (animal feed).<sup>6</sup> Prior to 1941, data classified according to whether made by wholesale plants or by counter freezers and other small retailers.<sup>7</sup> Not comparable with previous years.

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TABLE 533.—*Dairy products: Jan. 1 stocks (Government and commercial), United States, 1930-48*

Year	Butter <sup>1</sup>	Cheese <sup>2</sup>	Evapo- rated milk <sup>3</sup>	Con- densed milk <sup>4</sup>	Dry whole milk	Nonfat dry milk solids for human con- sump- tion	Cream (milk equiva- lent)
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Million pounds (<sup>5</sup>)</i>
1930.....	81,935	86,075	211,954	25,462	2,905	16,506	
1931.....	63,401	83,288	202,070	17,803	3,799	22,412	194
1932.....	26,643	78,318	132,011	12,506	2,352	13,784	54
1933.....	22,043	68,714	100,092	12,234	2,768	8,873	152
1934.....	111,249	91,970	210,407	9,137	3,028	15,696	156
1935.....	47,175	102,197	156,793	10,516	2,101	18,691	55
1936.....	40,117	99,572	72,916	8,829	3,028	5,942	89
1937.....	61,234	110,400	253,904	9,071	3,930	22,224	135
1938.....	42,953	103,935	181,686	6,229	2,544	20,696	23
1939.....	128,770	120,174	205,073	7,139	3,673	27,624	174
1940.....	55,462	109,037	186,081	5,627	4,129	8,900	85
1941.....	41,497	129,536	187,652	8,047	4,632	26,433	95
1942.....	114,436	201,613	400,075	12,024	6,389	18,565	228
1943.....	24,979	131,398	822,172	5,469	7,418	98,002	110
1944.....	154,577	175,507	397,630	20,850	13,814	69,648	321
1945.....	60,767	144,553	209,297	50,977	24,035	133,607	172
1946.....	53,127	127,011	<sup>7</sup> 216,423	<sup>7</sup> 31,492	<sup>7</sup> 42,359	<sup>7</sup> 93,944	130
1947.....	27,874	123,592	<sup>7</sup> 155,656	<sup>7</sup> 7,211	<sup>7</sup> 22,599	<sup>7</sup> 62,688	613
1948 <sup>6</sup> .....	23,672	147,683	<sup>7</sup> 158,551	<sup>7</sup> 9,362	<sup>7</sup> 14,726	<sup>7</sup> 25,200	258

<sup>1</sup> Includes both farm and factory-made butter.<sup>2</sup> Includes all kinds of cheese except cottage, pot, and bakers' cheese, and full skim American.<sup>3</sup> Unskimmed, unsweetened, case goods.<sup>4</sup> Unsweetened condensed milk (plain condensed), unskimmed; and sweetened condensed milk, unskimmed, case goods.<sup>5</sup> Data not available.<sup>6</sup> Preliminary.<sup>7</sup> Not comparable with earlier years, due to inclusion of Government stocks at additional stages of distribution.

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TABLE 534.—*Dairy products: Manufacturers' stocks as of annual high and low point, 1933-47*

Year	Evaporated milk		Condensed milk		Dry whole milk		Nonfat dry milk (human food)	
	High (Aug. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Apr. 1)	High (July 1)	Low (Dec. 1)
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	<sup>1</sup> 419,142	123,801	10,249	<sup>2</sup> 4,574	6,260	<sup>2</sup> 2,184	<sup>3</sup> 45,455	<sup>4</sup> 20,696
1939.....	<sup>1</sup> 355,071	109,882	8,570	<sup>5</sup> 4,608	4,624	2,694	<sup>5</sup> 28,370	6,269
1940.....	<sup>6</sup> 380,545	<sup>2</sup> 150,458	10,454	3,938	6,884	<sup>5</sup> 3,107	<sup>1</sup> 38,327	<sup>4</sup> 8,900
1941.....	<sup>7</sup> 417,643	<sup>5</sup> 126,160	<sup>7</sup> 11,906	<sup>5</sup> 7,228	<sup>1</sup> 7,200	<sup>2</sup> 3,432	30,549	16,795
1942.....	<sup>8</sup> 331,571	<sup>7</sup> 90,678	<sup>4</sup> 12,024	<sup>9</sup> 2,445	<sup>6</sup> 9,813	<sup>4</sup> 6,389	55,405	16,322
1943.....	400,397	77,807	10,949	<sup>4</sup> 4,230	<sup>10</sup> 16,588	<sup>4</sup> 7,368	<sup>3</sup> 57,833	21,839
1944.....	321,083	<sup>2</sup> 147,285	<sup>8</sup> 15,023	<sup>2</sup> 6,134	<sup>8</sup> 23,476	<sup>4</sup> 7,816	<sup>3</sup> 76,219	<sup>4</sup> 22,343
1945.....	<sup>8</sup> 209,952	<sup>7</sup> 89,845	<sup>11</sup> 14,310	<sup>2</sup> 6,559	<sup>8</sup> 23,019	<sup>7</sup> 12,020	87,052	13,731
1946.....	229,279	<sup>2</sup> 46,261	<sup>6</sup> 12,547	4,415	<sup>6</sup> 26,408	<sup>11</sup> 9,218	85,978	<sup>11</sup> 12,860
1947.....	501,177	<sup>2</sup> 117,497	<sup>6</sup> 11,422	<sup>2</sup> 4,346	<sup>8</sup> 24,567	<sup>7</sup> 15,364	111,155	20,537

<sup>1</sup> Sept. 1.<sup>4</sup> Jan. 1.<sup>7</sup> Dec. 1.<sup>10</sup> June 1.<sup>2</sup> Mar. 1.<sup>5</sup> May 1.<sup>8</sup> July 1.<sup>11</sup> Feb. 1.<sup>3</sup> Aug. 1.<sup>6</sup> Oct. 1.<sup>9</sup> Nov. 1.

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TABLE 535.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1929-47 1

Year	Total milk for human consumption <sup>2</sup>				Fluid milk and cream <sup>3</sup>				Condensed and evaporated milk <sup>4</sup>				Dry whole milk			
	Total disappearance		Civilian consumption		Total disappearance		Civilian consumption		Total disappearance		Civilian consumption		Total disappearance		Civilian consumption	
	Million pounds	Per capita	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1929	99,341	803.2	43,387	353.9	1,782	13.5	1,657	13.5	15	13	0.11					
1930	101,304	814.8	43,430	350.9	1,780	13.5	1,673	13.5	15	12	.10					
1931	104,618	835.1	43,468	348.4	1,759	13.3	1,665	13.3	15	7	.06					
1932	104,500	829.4	43,982	350.3	1,814	13.9	1,746	13.9	11	9	.07					
1933	102,914	812.3	44,063	348.8	1,793	13.7	1,737	13.7	13	11	.09					
1934	103,657	812.7	42,388	335.4	1,959	14.9	1,894	14.9	17	15	.12					
1935	102,621	799.0	42,940	333.4	2,119	16.1	2,057	16.1	20	18	.14					
1936	102,009	791.7	43,883	340.6	2,087	15.8	2,036	15.8	21	18	.14					
1937	104,223	796.7	44,377	342.3	2,213	16.6	2,154	16.6	17	14	.11					
1938	103,580	794.5	44,207	338.3	2,299	17.1	2,241	17.1	20	15	.11					
1939	108,976	824.0	45,312	344.0	2,388	17.7	2,327	17.7	24	17	.13					
1940	109,715	821.0	45,572	343.1	2,727	19.2	2,551	19.2	28	19	.14					
1941	112,433	806.0	46,673	350.0	3,339	18.3	2,421	18.3	45	23	.17					
1942	120,550	837.0	49,624	372.0	3,295	18.3	2,424	18.3	61	25	.19					
1943	114,685	759.0	52,404	393.0	3,752	16.1	2,406	16.1	125	49	.38					
1944	121,845	779.0	54,834	412.0	3,899	16.3	2,977	16.3	170	45	.35					
1945	119,103	794.0	57,713	432.0	3,871	18.3	2,972	18.3	173	39	.30					
1946	121,604	809.0	58,835	420.0	3,784	18.8	2,619	18.8	237	71	.51					
1947	119,294	791.0	57,650	400.0	3,624	20.3	2,912	20.3	174	69	.48					

Year	Butter <sup>7</sup>			Cheese <sup>8</sup>			Ice cream <sup>9</sup>			Nonfat dry milk solids for human consumption <sup>10</sup>		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Million pounds	Total		Per capita	Million pounds		Total	Per capita		Million pounds	Total
1929	2,125	2,117	17.3	565	560	4.6	1,221	1,221	10.0	201	200	1.6
1930	2,142	2,135	17.2	571	567	4.6	1,132	1,132	9.1	228	226	1.8
1931	2,250	2,244	18.0	559	555	4.5	979	979	7.8	247	245	1.9
1932	2,280	2,275	18.1	549	546	4.4	727	727	5.8	282	276	2.1
1933	2,255	2,248	17.8	568	565	4.5	700	700	5.5	281	281	2.2
1934	2,319	2,312	18.2	617	613	4.8	844	844	6.6	305	305	2.2
1935	2,201	2,195	17.1	672	668	5.2	937	937	7.3	373	326	2.5
1936	2,114	2,114	16.4	692	688	5.3	1,145	1,145	8.9	486	308	2.3
1937	2,126	2,120	16.4	716	712	5.5	1,320	1,320	10.2	539	258	2.0
1938	2,156	2,148	16.4	764	759	5.8	1,325	1,325	10.1	675	253	1.7
1939	2,285	2,276	17.3	779	775	5.9	1,431	1,431	10.9	692	491	3.3
1940	2,255	2,244	16.9	798	792	6.0	1,495	1,495	11.3	710	422	2.9
1941 <sup>5</sup>	2,198	2,104	15.9	904	790	6.0	1,834	1,787	13.5	805	422	2.9
1942 <sup>5</sup>	2,239	2,071	15.7	1,199	832	6.3	2,181	2,091	15.8	846	308	2.3
1943 <sup>5</sup>	1,885	1,515	11.7	936	644	5.0	1,935	1,708	12.2	518	221	1.7
1944 <sup>5</sup>	2,030	1,544	12.0	1,138	639	4.9	2,038	1,700	13.2	518	221	1.7
1945 <sup>5</sup>	1,691	1,401	10.8	766	639	5.0	2,240	1,700	13.9	675	253	1.7
1946 <sup>5</sup>	1,531	1,433	10.3	1,196	964	6.9	3,355	3,205	23.0	692	491	3.3
1947 <sup>5 6</sup>	1,651	1,606	11.2	1,168	982	6.8	2,925	2,805	19.5	710	422	2.9

<sup>1</sup> Total disappearance is based on production, imports for consumption, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter.

<sup>2</sup> On fat solids basis. The production of total milk for human consumption differs from total farm production of milk in that the former excludes milk fed to calves but includes off-farm production, while the latter excludes off-farm production but includes milk fed to calves. Milk fed to calves and milk produced off farms are usually of approximately equal volume.

<sup>3</sup> Fluid milk equivalent.

<sup>4</sup> Canned weight. The evaporated milk is unskimmed, unsweetened, case goods, and sweetened condensed milk, unskimmed, case and bulk goods; the condensed condensed milk, unskimmed, case and bulk goods.

<sup>5</sup> The total apparent civilian consumption for the years 1941-46 was obtained by subtracting ending stocks, lead-time shipments, other exports, and military takings, from the total supply. The per capita civilian consumption for

each year was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age, and for members of the armed forces not eating out of civilian food supplies.

<sup>6</sup> Preliminary.

<sup>7</sup> Includes both farm and factory-made butter.

<sup>8</sup> Includes all kinds of cheese except cottage, pot, and bakers' cheese, and full skim American.

<sup>9</sup> Production of ice cream prior to 1937 is not strictly comparable with that of following years because of the inclusion of production of small retailers and counter freezers since 1937.

<sup>10</sup> Data not available prior to 1935.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1944, table 469.

TABLE 536.—*Dairy products: Cold-storage holdings as of annual peak and low point, 1938-47*

Year	Creamery butter		Cheese		Fluid cream <sup>1</sup>		Plastic cream <sup>1</sup>	
	High (Sept. 1)	Low (Apr. 1)	High (Sept. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Mar. 1)	High	Low
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	<sup>2</sup> 210,703	14,947	150,248	<sup>3</sup> 76,289				
1939.....	172,825	<sup>3</sup> 70,909	125,949	<sup>3</sup> 75,345				
1940.....	134,266	8,875	<sup>2</sup> 150,211	75,410				
1941.....	<sup>2</sup> 202,957	8,983	<sup>4</sup> 189,002	<sup>3</sup> 108,335				
1942.....	152,198	<sup>3</sup> 37,228	<sup>5</sup> 296,763	<sup>4</sup> 153,806				
1943.....	<sup>2</sup> 232,497	<sup>6</sup> 12,327	<sup>7</sup> 223,697	77,615				
1944.....	<sup>8</sup> 154,577	<sup>3</sup> 69,276	<sup>5</sup> 223,254	150,198				
1945.....	206,501	29,833	229,310	106,965	48,605	7,111	<sup>9</sup> 9,652	<sup>6</sup> 2,780
1946.....	84,980	<sup>3</sup> 14,052	160,272	<sup>3</sup> 84,845	91,822	6,441	<sup>10</sup> 24,163	<sup>11</sup> 2,275
1947.....	88,364	7,818	202,597	93,427	58,832	<sup>12</sup> 9,021	<sup>8</sup> 13,101	<sup>12</sup> 3,653

<sup>1</sup> Data not collected prior to July 1944.<sup>2</sup> Oct. 1.<sup>3</sup> May 1.<sup>4</sup> Dec. 1.<sup>5</sup> Aug. 1.<sup>6</sup> Mar. 1.<sup>7</sup> Nov. 1.<sup>8</sup> Jan. 1.<sup>9</sup> July 1.<sup>10</sup> Sept. 1.<sup>11</sup> Feb. 1.<sup>12</sup> Apr. 1.

Production and Marketing Administration.

TABLE 537.—*Casein, dry: United States production and imports, 1932-47*

Year	Production	Imports for consumption	Total	Year	Production	Imports for consumption	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1932.....	24,428	1,201	25,629	1940.....	46,616	24,523	71,139
1933.....	24,087	8,142	32,229	1941.....	47,346	41,518	88,864
1934.....	37,331	1,491	38,822	1942.....	42,268	16,819	59,087
1935.....	37,638	3,230	40,868	1943.....	18,386	28,052	46,438
1936.....	46,140	16,209	62,349	1944.....	15,264	47,225	62,489
1937.....	67,467	5,210	72,677	1945.....	12,333	51,610	63,943
1938.....	48,549	417	48,966	1946.....	18,319	45,346	63,665
1939.....	40,878	15,832	56,710	1947.....	<sup>1</sup> 31,333	20,887	52,220

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics. Imports compiled from records of Bureau of Foreign and Domestic Commerce and Bureau of the Census.

TABLE 538.—Casein, dry: Factory production, by States, average 1940-44, annual 1945 and 1946

State	Average 1940-44	1945	1946	State	Average 1940-44	1945	1946
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	103	9		Iowa.....	387	512	357
Vermont.....	1,835	1,312	779	Oklahoma.....	231	42	100
Massachusetts.....	10			Idaho.....	2,366	774	566
New York.....	6,259	3,668	3,359	Arizona.....	89	44	7
Pennsylvania.....	58	21	2	Utah.....	140	119	13
Ohio.....	219			Washington.....	1,157	208	486
Indiana.....	81			Oregon.....	165		
Illinois.....	1,155	427	939	California.....	7,364	2,668	5,042
Michigan.....	43	7	10	Other States.....	103		70
Wisconsin.....	8,194	1,148	3,238				
Minnesota.....	4,017	1,374	3,351	United States.....	33,976	12,333	18,319

Bureau of Agricultural Economics.

TABLE 539.—Sweetened condensed whole milk and dry whole milk: Factory production, by States, average 1940-44, annual 1945 and 1946

Sweetened condensed whole milk (case goods)				Dry whole milk (total)			
State	Average 1940-44	1945	1946	State	Average 1940-44	1945	1946
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
New York.....	18,343	22,773	16,195	Vermont.....	888	2,581	1,222
Ohio.....	1,056			New York.....	23,925	47,072	13,821
Indiana.....	403	7		Pennsylvania.....	1,790	2,706	599
Illinois.....	1,809		37	Ohio.....	9,195	13,332	12,530
Michigan.....	30,634	49,291	43,296	Indiana.....	2,357	9,954	6,024
Wisconsin.....	15,776	25,769	27,173	Michigan.....	4,738	9,011	8,762
Mississippi.....	12,013	14,107	12,794	Wisconsin.....	31,641	66,258	74,817
Oregon.....	3,716			Minnesota.....	4,015	31,646	27,365
California.....	15,313	31,068	14,333	California.....	5,289	25,014	26,836
Other States.....	51	291	78	Other States.....	6,707	9,702	16,430
United States.....	99,114	143,306	113,906	United States.....	90,545	217,276	188,406

Bureau of Agricultural Economics.

TABLE 540.—Dairy products: Manufacturers' average selling price of specified products, United States, 1938-47

Year	Unsweetened evaporated milk, per case of 48 14½-ounce cans, f. o. b. factory	Sweetened condensed milk, per case of 48 14-ounce cans, f. o. b. factory	Nonfat dry milk solids for human food	Dry skim milk for animal feed	Dry whole milk, per pound, f. o. b. factory	Casein, ground, per pound, New York City <sup>1</sup>
	Dollars	Dollars	Cents	Cents	Cents	Cents
1938.....	2.82	4.84	5.47	3.74	15.57	8.6
1939.....	2.75	4.82	6.12	4.94	15.10	12.0
1940.....	2.87	4.80	6.87	4.58	16.04	12.6
1941.....	3.33	5.15	9.00	6.17	19.86	21.4
1942.....	3.62	5.71	12.94	8.10	26.00	20.6
1943.....	4.15	5.84	13.81	8.74	32.76	22.4
1944.....	4.15	6.20	14.26	8.62	36.48	24.4
1945.....	4.15	6.33	14.06	8.39	37.62	24.0
1946.....	4.90	7.00	14.51	9.62	39.00	(2)
1947.....	5.43	8.36	10.86	7.85	41.41	(2)

<sup>1</sup> 1942-47 casein prices are averages of weekly figures compiled by the Production and Marketing Administration. Previous years' figures are prices of 20-30 mesh casein compiled from the Oil, Paint and Drug Reporter, New York, for which the 1942 average was 20.9 cents.

<sup>2</sup> Not available.

Bureau of Agricultural Economics.

TABLE 541.—Butter: Receipts at 6 markets, by origin, 1946 and 1947<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Maine	58						506					
New Hampshire		113					52	63				
Vermont	144				40		85	263				
Massachusetts	308	201	60		79		1,077	2,641				
Connecticut							15					
New York	6,684	5,437		1	1,529	1,185	56	4,510				
New Jersey					74		104	30				
Pennsylvania	213	1,039		5	302	142	548					
Ohio	948	1,597	31	208	187	512	215	134				
Indiana	1,431	755	364	1,935	39	68	173					
Illinois	9,638	11,066	11,827	14,439	3,016	3,936	10,551	14,224	2,393	941	1,452	320
Michigan	3,782	2,028	467	639	45	11	405	356			94	
Wisconsin	5,159	8,193	12,737	24,544	1,187	1,327	1,340	1,370	378	1,907	423	1,254
Minnesota	30,969	46,891	18,344	27,459	21,187	31,134	4,263	8,872	982	914	976	1,726
Iowa	59,603	68,369	26,704	31,085	6,710	7,562	6,272	7,643	4,126	1,176	4,445	2,035
Missouri	6,118	6,942	3,607	6,536	1,413	1,666	1,459	1,576	985	921	537	101
North Dakota	4,073	3,226	412	1,608	696	190	202	134	1,602	988	1,119	1,261
South Dakota	2,259	2,394	5,808	6,369	80	71	116		114	46	30	63
Nebraska	14,344	17,983	6,280	9,865	5,280	3,869	4,062	2,648	2,368	1,408	2,359	805
Kansas	4,238	2,572	4,686	9,493	149	38	548	130	1,047	1,034	1,059	1,630
District of Columbia	32											
Maryland			1			20						
Virginia	1,126	1,495		34	161	154						
West Virginia					11	28						
North Carolina		3				99						
South Carolina						31						
Florida							26					
Kentucky	451	205	363	703	120	92	283	482			64	
Tennessee	666	323	481	235	139				36		35	
Mississippi		56	3			60	19	45		87		
Arkansas	126	312		308			28			395		37
Louisiana									61			
Oklahoma	1,965	457	4,818	10,833	100	112	275	71	731	345	2,312	129
Texas	118		149	470	21		149	41	15		1,018	295
Montana							13		335	10	160	
Idaho				106		29	1		1,352	1,919	3,127	12,682
Wyoming							4			36		
Colorado	57	4	34	319					833	117	372	707
New Mexico											44	40
Arizona	30										27	
Utah	65				41				100	343	236	155
Nevada												4
Washington		47	167					27	333	946		213
Oregon	66		160						1,145	2,237	1,292	1,002
California	757	554	145				72		2,787	13,667	1,030	7,460
Total	155,428	182,263	97,648	147,194	42,606	52,336	32,919	45,590	21,779	29,464	22,184	31,919

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.

TABLE 542.—*Butter: Receipts at 6 markets, by rail and truck, 1938-47*<sup>1</sup>

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	266,246	36,443	302,689	167,331	137,258	304,589	71,688	2,356	74,044
1939.....	226,568	38,378	264,946	140,213	144,734	284,947	68,003	3,526	71,529
1940.....	217,171	40,017	257,188	115,393	137,254	252,647	72,810	4,393	77,203
1941.....	212,601	39,521	252,122	127,665	148,770	276,435	69,858	4,073	73,931
1942.....	177,954	41,703	219,657	112,900	134,114	247,014	68,743	5,333	74,076
1943.....	173,178	25,796	198,974	72,788	95,414	168,202	59,569	1,042	60,611
1944.....	185,136	14,696	199,832	59,092	88,212	147,304	57,495	1,384	58,879
1945.....	197,502	14,201	211,703	54,432	87,315	141,747	53,406	786	54,192
1946.....	146,091	9,337	155,428	32,012	65,636	97,648	41,270	1,336	42,606
1947.....	160,486	21,777	182,263	44,296	102,898	147,194	48,947	3,389	52,336
	Boston			San Francisco			Los Angeles		
1938.....	78,069	5,044	83,113	-----	-----	34,395	-----	-----	46,587
1939.....	70,316	6,355	76,671	-----	-----	3,245	-----	-----	49,873
1940.....	74,858	5,695	80,553	<sup>2</sup> 9,697	<sup>2</sup> 27,263	36,960	-----	-----	53,418
1941.....	73,104	6,027	79,131	11,575	26,280	37,855	<sup>2</sup> 20,730	<sup>2</sup> 34,283	55,013
1942.....	69,480	5,837	75,317	21,056	22,989	44,045	28,171	26,101	54,272
1943.....	55,951	3,098	58,989	35,580	14,790	50,370	30,546	13,690	44,236
1944.....	58,482	2,243	60,725	37,079	12,944	50,023	26,425	8,763	35,188
1945.....	41,462	1,844	43,326	36,680	10,513	47,193	34,798	6,300	41,098
1946.....	30,871	2,048	32,919	17,002	4,777	21,779	20,979	1,205	22,184
1947.....	43,744	1,846	45,590	12,143	17,321	29,464	16,913	15,006	31,919

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.

<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 543.—*Butter, Grade A (92 score) and Grade B (90 score) creamery: Average wholesale price per pound, New York, Chicago, Philadelphia, Boston, and San Francisco, 1938-47*

	New York		Chicago		Philadelphia		Boston	San Francisco	
	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade A (92 score)	Grade B (90 score)
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1938.....	28.0	27.2	27.1	26.3	28.2	27.2	28.4	28.3	27.0
1939.....	26.0	25.0	25.4	24.8	26.4	25.2	26.6	27.7	25.4
1940.....	29.5	28.9	28.7	28.2	29.9	29.0	29.9	30.5	29.1
1941.....	34.3	33.4	33.8	32.8	34.8	33.4	34.9	35.9	34.1
1942.....	40.1	39.3	39.5	38.8	40.5	39.5	(1)	42.3	40.7
1943 <sup>2</sup> .....	44.7	(1)	44.0	43.2	45.4	(1)	(1)	44.7	44.4
1944 <sup>2</sup> .....	42.3	(1)	41.5	41.3	(1)	(1)	(1)	(1)	(1)
1945 <sup>2</sup> .....	42.9	(1)	42.3	42.0	43.0	(1)	(1)	(1)	(1)
1946.....	62.8	61.8	61.9	61.0	63.0	(1)	(1)	<sup>2</sup> 63.2	<sup>2</sup> 61.1
1947.....	71.3	68.4	70.6	68.5	72.1	(1)	(1)	73.8	69.0

<sup>1</sup> No prices available.

<sup>2</sup> Prices of butter shown reflect actual wholesale trading and include the wholesale mark-up permitted under OPA MPR 289, as amended.

<sup>3</sup> Average for 11 months.

Production and Marketing Administration.

TABLE 544.—*Butter futures: Volume of trading and annual average of month-end open contracts on all contract markets, and highest and lowest prices per pound on the Chicago Mercantile Exchange, 1938-47*

Year	Volume of trading	Average open contracts	Price <sup>1</sup>		Year	Volume of trading	Average open contracts	Price <sup>1</sup>	
			Highest	Lowest				Highest	Lowest
1938.....	<i>Carlots</i> <sup>2</sup> 11,716	<i>Carlots</i> <sup>2</sup> 761	<i>Cents</i> 32.38	<i>Cents</i> 22.62	1943.....	<i>Carlots</i> <sup>2</sup> 33	<i>Carlots</i> <sup>2</sup> 0	<i>Cents</i> 45.50	<i>Cents</i> 45.50
1939.....	13,177	908	28.30	21.75	1944.....	0	0	-----	-----
1940.....	16,336	844	34.50	25.80	1945.....	25	4	45.75	45.60
1941.....	31,125	1,754	38.25	27.35	1946.....	69	9	75.00	54.00
1942.....	14,893	781	45.50	32.25	1947.....	* 17,378	603	78.75	53.50

<sup>1</sup> Standard contract storage.

<sup>2</sup> Averaging 19,200 pounds.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members. Prices compiled from records of the Chicago Mercantile Exchange.

TABLE 545.—*Butter and cheese: Quantities officially graded by Federal and Federal-State graders, and butter graded for packaging with certificates of quality, 1930-47*

Year	Butter		Cheese	Year	Butter		Cheese
	Total graded	Graded for packing with certificates of quality <sup>1</sup>			Total graded	Graded for packing with certificates of quality <sup>1</sup>	
1930.....	<i>Pounds</i> 163,350,365	<i>Pounds</i> 28,869,051	<i>Pounds</i> 395,529	1939.....	<i>Pounds</i> 271,339,115	<i>Pounds</i> 87,223,898	<i>Pounds</i> 5,514,528
1931.....	188,545,508	40,034,307	535,890	1940.....	253,856,959	88,588,499	10,915,691
1932.....	187,680,457	46,505,011	1,523,943	1941.....	298,133,367	83,250,038	167,437,051
1933.....	269,310,674	46,520,397	1,568,158	1942.....	367,708,678	86,436,372	310,277,910
1934.....	280,806,031	47,317,445	3,522,572	1943.....	491,271,672	60,524,522	300,005,649
1935.....	214,568,160	46,965,080	2,292,537	1944.....	301,138,984	42,056,944	208,965,380
1936.....	250,269,731	61,888,639	3,919,945	1945.....	268,559,271	52,213,854	265,559,974
1937.....	272,931,309	82,096,875	3,324,635	1946.....	91,181,106	18,639,635	94,672,532
1938.....	320,456,549	85,150,410	8,176,652	1947.....	220,153,596	56,409,264	167,862,318

<sup>1</sup> These quantities are also included in preceding column of this table.

Production and Marketing Administration.



TABLE 546.—*Cheese: Receipts at 6 markets, by origin, 1946 and 1947*<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Maine											1	
Vermont		137				20		131				
Massachusetts	28	55	23	28	1	50	298	954				
Connecticut		41				373						
New York	3,374	3,320	107	477	710	620	594	919	91	398		190
New Jersey						128	67		147	106	45	28
Pennsylvania	1,728	135		1	1,194	3,157	386	91				
Ohio	5,939	5,263	96	846	2,197	2,021	1,980	848	499	156	26	96
Indiana	4,326	3,644	215	300	712	572	383	318	44	113		90
Illinois	12,279	21,311	6,956	4,049	5,444	4,237	2,321	2,286	1,332	1,773	1,041	1,193
Michigan	1,916	451	132	137	133	89	57	1	107	78	77	
Wisconsin	96,723	76,415	22,535	20,954	31,012	33,309	18,829	17,186	6,130	4,879	9,617	9,015
Minnesota	10,038	4,032	489	966	2,651	2,162	352	935	569	389	1,147	521
Iowa	3,328	3,254	147	301	170	140	298	64	153	363	163	174
Missouri	2,958	1,604	40	740	194	222		136	695	466	707	1,306
North Dakota	318	304										31
South Dakota	38	22										
Nebraska	285	253		6		26	22	58	91		88	104
Kansas	53	86	185	150	74	360	3	7	18		175	76
District of Columbia	119											
Maryland								139				
Virginia	73			1	33							
West Virginia			7			1						
Georgia	477	1,468			221	183	46	181				
Kentucky	45	48		92			36					
Tennessee	1,250	1,940	45	47	229	207			41			
Alabama			29									
Mississippi	155	165			64			34				45
Arkansas	36		32									
Louisiana			120				28			58		
Oklahoma		42	109						278	11	913	186
Texas	228	374	178	12					64	234	243	557
Montana				49	53		99		213	344	74	174
Idaho	63	183	186	1					446	3,334	4,121	4,223
Wyoming			1								31	
Colorado	647	583	87	76					7			139
New Mexico			8	102								134
Utah	490	1,143	87	462	117	31			137	329	137	308
Nevada												
Washington		135	27	53				61	27	200	66	97
Oregon	289								1,736	3,376	4,092	4,718
California		147	2	1					4,634	3,209	821	90
Canada		81					5					
Total	147,203	126,636	31,873	29,851	45,582	47,535	25,804	24,349	17,459	19,817	23,584	23,495

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.

TABLE 547.—*Cheese, American: Average wholesale price per pound, Wisconsin Cheese Exchange, and New York, Chicago, and San Francisco, 1938-47*

Location and type of cheese	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Wisconsin Cheese Exchange: Twins or cheddars	12.6	12.8	14.3	19.4	21.6	23.3	23.3	23.3	(1)	(1)
New York: No. 1 fresh single daisies	15.1	15.6	17.0	22.3	25.1	(1)	(1)	(1)	(1)	42.1
Chicago: No. 1 fresh single daisies	14.3	14.6	16.2	21.4	24.0	26.0	26.0	26.0	38.4	40.9
San Francisco: No. 1 triplets	14.3	14.3	15.8	20.8	23.6	27.0	27.2	27.2	38.8	41.6

<sup>1</sup> Not available.

Production and Marketing Administration.

TABLE 548.—Cheese: Receipts at 6 markets, by rail and truck, 1938-47<sup>1</sup>

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938	72,547	1,844	74,391	12,619	22,463	35,082			24,638
1939	65,013	3,485	68,498	9,780	18,762	28,542			26,457
1940	71,472	3,411	74,883	10,249	20,305	30,554	<sup>2</sup> 25,422	<sup>2</sup> 20	25,442
1941	89,359	1,694	91,053	11,844	22,592	34,436			30,829
1942	95,828	3,722	99,550	40,129	23,023	63,152	34,521	357	34,878
1943	95,550	2,085	97,635	31,676	12,331	44,007	24,769	413	25,182
1944	109,701	1,681	111,382	35,483	12,925	48,408	26,360	512	26,872
1945	127,161	1,174	128,335	29,175	14,662	43,797	32,505	730	33,235
1946	146,743	460	147,203	17,150	14,723	31,873	44,088	1,494	45,582
1947	124,727	1,909	126,636	19,133	10,718	29,851	44,069	3,466	47,535
	Boston			San Francisco			Los Angeles		
1938	12,772	1,064	13,836			17,697			14,534
1939	11,810	1,543	13,353			17,869			14,389
1940	12,350	1,936	14,286	<sup>2</sup> 6,447	<sup>2</sup> 11,685	18,132			18,313
1941	13,929	1,747	15,676	7,403	10,284	17,687	<sup>2</sup> 11,395	<sup>2</sup> 6,485	17,880
1942	14,314	2,171	16,485	10,276	11,428	21,704	14,060	7,273	21,333
1943	14,271	680	14,951	16,468	5,689	22,157	7,739	7,371	15,110
1944	13,744	1,119	14,863	11,807	3,852	15,659	11,404	3,798	15,202
1945	13,148	597	13,745	11,420	4,572	15,992	14,505	3,780	18,285
1946	25,512	292	25,804	12,030	5,429	17,459	18,668	4,916	23,584
1947	23,497	852	24,349	12,238	7,549	19,817	19,158	4,337	23,495

<sup>1</sup> Including container and wrapping. Includes intermarket shipments.<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 549.—Chickens: Number on farms Jan. 1, and value, United States, 1930-48<sup>1</sup>

Year	Number					Value per head	Total value
	Hens	Pullets	Hens and pullets	Other chickens	All chickens		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Cents</i>	<i>1,000 dollars</i>
1930 <sup>2</sup>					378,878	84.9	321,625
1930	167,139	253,312	420,451	48,040	468,491	92.8	434,830
1931	158,214	243,562	401,776	47,967	449,743	70.3	315,968
1932	156,178	229,648	385,826	50,989	436,815	61.5	268,767
1933	154,037	236,706	390,743	53,780	444,523	44.9	199,753
1934	146,997	238,344	385,341	48,596	433,937	42.0	182,424
1935 <sup>3</sup>					371,603	51.6	191,604
1935	138,609	211,798	350,407	39,551	389,958	54.4	212,071
1936	136,187	226,432	362,619	40,827	403,446	75.5	304,725
1937	130,445	249,309	379,754	44,167	423,921	65.6	278,120
1938	137,958	215,006	352,964	36,660	389,624	75.6	294,718
1939	134,331	241,810	376,141	42,450	418,591	70.0	292,852
1940 <sup>2</sup>					337,949	56.0	189,086
1940	139,079	253,576	392,655	45,633	438,288	60.5	265,000
1941	141,430	239,885	381,315	41,526	422,841	65.4	276,460
1942	150,170	277,741	427,911	49,024	476,935	83.3	397,509
1943	170,337	318,622	488,959	53,088	542,047	104.0	563,986
1944	174,000	349,587	523,587	58,610	582,197	118.0	685,901
1945 <sup>3</sup>					433,111		
1945	172,426	301,454	473,880	42,617	516,497	121.0	626,259
1946	149,524	324,709	474,233	55,970	530,203	127.0	670,973
1947	150,392	285,273	435,665	38,776	474,441	144.0	682,486
1948 <sup>4</sup>	141,417	286,446	427,863	35,113	462,976	144.0	667,597

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> United States census as of Apr. 1.<sup>3</sup> United States census as of Jan. 1.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-29 in Agricultural Statistics, 1942, table 645.

TABLE 550.—*Chickens: Hens, pullets, and other chickens on farms Jan. 1, by States, average 1937-46, annual 1947 and 1948*

State and division	Hens			Pullets			Other chickens		
	Average 1937-46	1947	1948	Average 1937-46	1947	1948	Average 1937-46	1947	1948
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Maine.....	662	827	868	1,503	1,407	1,520	126	107	70
New Hampshire.....	479	631	530	1,540	1,556	1,743	179	161	105
Vermont.....	259	282	305	692	650	663	49	40	30
Massachusetts.....	809	991	932	3,652	3,897	4,131	242	191	145
Rhode Island.....	111	142	128	376	395	415	38	26	20
Connecticut.....	767	1,054	991	2,124	2,115	2,242	224	162	130
New York.....	5,078	4,921	4,921	9,442	9,533	10,868	821	879	835
New Jersey.....	2,268	3,155	3,407	4,830	6,479	6,479	1,377	1,047	806
Pennsylvania.....	6,656	7,239	7,094	12,825	14,299	14,156	2,343	2,573	2,316
North Atlantic.....	17,089	19,242	19,176	36,986	40,331	42,217	5,398	5,186	4,457
Ohio.....	6,599	5,778	5,489	13,639	12,678	12,805	1,885	1,212	812
Indiana.....	3,989	3,527	3,527	10,855	11,924	12,043	2,214	2,112	1,985
Illinois.....	6,538	6,024	5,723	15,470	15,731	15,416	2,226	1,298	1,142
Michigan.....	3,554	3,272	3,272	8,713	8,465	8,211	968	541	400
Wisconsin.....	5,524	6,318	5,876	10,436	10,952	11,171	775	700	658
East North Central.....	26,204	24,919	23,887	59,113	59,750	59,646	8,067	5,863	4,997
Minnesota.....	6,133	7,154	6,725	16,923	21,091	20,880	1,209	680	748
Iowa.....	8,266	6,907	5,871	24,438	26,537	26,802	2,717	1,678	1,628
Missouri.....	7,690	7,223	6,284	14,730	14,503	15,228	2,034	1,604	1,395
North Dakota.....	1,448	1,391	1,321	3,318	3,642	3,460	438	283	297
South Dakota.....	2,301	2,231	2,142	5,599	6,863	6,863	664	437	503
Nebraska.....	3,689	3,535	3,358	10,108	11,034	10,372	1,455	1,068	1,111
Kansas.....	5,514	5,262	4,788	10,189	10,328	10,018	1,259	900	738
West North Central.....	35,041	33,703	30,489	85,305	93,998	93,623	9,777	6,650	6,420
Delaware.....	330	339	292	682	613	687	250	194	144
Maryland.....	1,346	1,418	1,390	2,368	2,514	2,489	684	586	504
Virginia.....	3,649	3,777	3,286	5,500	5,700	5,871	843	757	795
West Virginia.....	1,856	1,768	1,697	2,303	2,210	1,967	407	305	293
North Carolina.....	3,758	4,216	3,710	5,460	5,876	5,288	2,283	2,019	1,534
South Carolina.....	1,824	1,960	1,862	2,074	2,198	2,000	1,104	1,170	1,041
Georgia.....	3,341	3,406	3,202	4,131	4,296	4,038	1,483	1,554	1,399
Florida.....	1,060	1,151	1,013	1,266	1,168	1,285	641	545	523
South Atlantic.....	17,163	18,035	16,452	23,785	24,575	23,625	7,694	7,130	6,233
Kentucky.....	3,759	3,776	3,361	6,955	6,931	7,278	1,490	1,160	1,044
Tennessee.....	4,392	4,476	4,207	6,090	5,900	5,723	1,373	1,156	1,087
Alabama.....	3,351	3,445	3,204	3,913	3,780	3,440	1,548	1,410	1,452
Mississippi.....	3,602	3,412	3,344	3,619	3,332	2,999	1,280	1,090	1,123
Arkansas.....	3,444	3,239	2,753	4,627	3,809	3,847	1,204	798	710
Louisiana.....	1,909	1,729	1,573	2,654	2,446	2,226	1,267	1,177	1,059
Oklahoma.....	4,486	4,347	4,130	7,328	6,160	6,345	1,061	825	784
Texas.....	12,772	13,069	12,154	15,111	13,722	13,859	3,075	2,387	2,339
South Central.....	37,716	37,493	34,726	50,296	46,080	45,717	12,298	10,003	9,598
Montana.....	682	618	569	1,334	1,313	1,208	208	138	119
Idaho.....	630	585	468	1,718	1,580	1,627	157	124	126
Wyoming.....	296	303	282	492	499	484	91	66	59
Colorado.....	1,150	1,161	1,103	2,396	2,149	2,192	336	220	196
New Mexico.....	483	574	522	618	529	555	111	94	89
Arizona.....	267	313	310	360	280	339	87	75	82
Utah.....	1,258	1,309	1,309	1,317	1,561	1,577	193	162	146
Nevada.....	120	118	117	141	159	162	28	40	38
Washington.....	2,635	2,003	1,923	3,413	2,991	2,841	332	311	364
Oregon.....	1,387	1,472	1,369	2,099	1,712	1,780	332	284	318
California.....	7,850	8,544	8,715	7,796	7,766	8,853	1,866	2,430	1,871
Western.....	16,758	17,000	16,687	21,686	20,539	21,618	3,740	3,944	3,408
United States.....	149,970	150,392	141,417	277,170	285,273	286,446	46,974	38,776	35,113

TABLE 551.—Chickens: Number on farms Jan. 1, value per head, and total value, by States, average 1937-46, annual 1947 and 1948<sup>1</sup>

State and division	Number			Value per head			Total value		
	Average 1937-46	1947	1948	Average 1937-46	1947	1948	Average 1937-46	1947	1948
	Thousands	Thousands	Thousands	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2,291	2,341	2,458	135	215	221	3,202	5,033	5,432
New Hampshire.....	2,198	2,348	2,378	136	215	226	3,117	5,048	5,374
Vermont.....	1,001	972	998	133	217	224	1,377	2,109	2,236
Massachusetts.....	4,704	5,079	5,208	141	216	222	6,916	10,971	11,562
Rhode Island.....	524	563	563	138	214	218	755	1,205	1,227
Connecticut.....	3,114	3,331	3,363	139	216	216	4,496	7,195	7,264
New York.....	15,342	15,333	16,624	123	209	210	19,381	32,046	34,910
New Jersey.....	8,475	10,651	10,692	134	212	220	11,920	22,644	23,522
Pennsylvania.....	21,824	24,111	23,556	113	179	179	25,394	43,159	42,183
North Atlantic.....	59,473	64,759	65,850	125	200	203	76,560	129,410	133,710
Ohio.....	22,122	19,668	19,106	96	151	153	21,378	29,699	29,232
Indiana.....	17,058	17,563	17,555	88	135	135	15,401	23,710	23,669
Illinois.....	24,234	23,053	22,281	88	137	133	21,684	31,583	29,634
Michigan.....	13,235	12,278	11,883	100	154	163	13,451	18,903	19,369
Wisconsin.....	16,734	17,970	17,705	93	143	143	15,985	25,697	25,318
East North Central.....	93,383	90,532	88,530	92.6	143	144	87,899	129,597	127,252
Minnesota.....	24,265	28,925	28,353	79	133	133	20,356	38,470	37,709
Iowa.....	35,421	35,122	34,301	107	143	137	31,851	50,224	46,992
Missouri.....	24,454	23,330	22,907	78	130	126	19,680	30,329	28,863
North Dakota.....	5,204	5,316	5,078	75	128	127	4,210	6,804	6,449
South Dakota.....	8,564	9,531	9,508	78	129	114	7,127	12,295	10,839
Nebraska.....	15,252	15,637	14,841	77	123	113	12,287	19,234	16,770
Kansas.....	16,962	16,490	15,544	75	118	118	13,228	19,458	18,342
West North Central.....	130,122	134,351	130,532	80.0	132	127	108,768	176,814	165,964
Delaware.....	1,262	1,146	1,123	107	164	166	1,369	1,879	1,864
Maryland.....	4,397	4,518	4,383	102	156	162	4,561	7,048	7,100
Virginia.....	9,992	10,234	9,952	91	140	140	9,264	14,323	13,933
West Virginia.....	4,566	4,283	3,957	85	140	140	3,910	5,996	5,540
North Carolina.....	11,501	12,111	10,532	88	139	140	10,542	16,834	14,745
South Carolina.....	5,002	5,328	4,903	90	149	150	4,699	7,939	7,354
Georgia.....	8,955	9,256	8,639	83	142	141	7,722	13,144	12,181
Florida.....	2,967	2,864	2,821	98	162	162	2,994	4,640	4,570
South Atlantic.....	48,642	49,740	46,310	89.9	144	145	45,061	71,808	67,287
Kentucky.....	12,204	11,867	11,683	73	120	112	9,159	14,240	13,085
Tennessee.....	11,856	11,532	11,017	74	116	113	8,966	13,377	12,449
Alabama.....	8,813	8,635	8,096	74	121	126	6,724	10,448	10,201
Mississippi.....	8,500	7,834	7,466	72	121	121	6,294	9,479	9,034
Arkansas.....	9,276	7,846	7,310	67	115	116	6,356	9,023	8,450
Louisiana.....	5,829	5,352	4,858	82	145	145	4,929	7,760	7,044
Oklahoma.....	12,874	11,332	11,259	70	116	116	9,470	13,145	13,060
Texas.....	30,959	29,178	28,352	72	122	117	23,426	35,597	33,172
South Central.....	100,310	93,576	90,041	72.4	121	118	75,324	113,069	106,525
Montana.....	2,224	2,069	1,896	86	140	155	1,961	2,897	2,939
Idaho.....	2,506	2,289	2,221	85	140	148	2,181	3,205	3,287
Wyoming.....	879	868	825	81	133	137	722	1,154	1,130
Colorado.....	3,882	3,530	3,491	77	125	140	3,090	4,412	4,887
New Mexico.....	1,213	1,197	1,166	79	130	139	998	1,556	1,621
Arizona.....	714	668	731	103	157	165	754	1,049	1,206
Utah.....	2,768	3,032	3,032	83	132	147	2,379	4,002	4,457
Nevada.....	289	317	317	94	147	156	279	466	495
Washington.....	6,380	5,305	5,128	103	158	172	6,554	8,382	8,820
Oregon.....	3,818	3,468	3,467	103	162	177	4,006	5,618	6,137
California.....	17,512	18,740	19,439	104	155	164	18,641	29,047	31,880
Western.....	42,184	41,483	41,713	96.3	149	160	41,565	61,788	66,859
United States.....	474,114	474,441	462,976	89.0	144	144	435,178	682,486	667,597

<sup>1</sup> Does not include commercial broilers.

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TABLE 552.—Chickens: Summary of participation in the National Poultry Improvement Plan, 1935-47

Year beginning July—	Hatcheries		Supply flocks		U. S. Record of Performance <sup>2</sup>				U. S. Register of Merit <sup>2</sup>			
	Number	Egg capacity <sup>1</sup> Thousands	Flocks	Birds Thousands	Flocks	Candidates trap-nested	Females in U.S.R.O.P. matings <sup>3</sup>	Average egg production <sup>4</sup>	Number	Daughters' average egg production <sup>4</sup>	Number	Daughters' average egg production <sup>4</sup>
1935.....	34	38,066	23,813	3,522	190	66,547	22,322	36 <sup>1</sup>	144	144	144	144
1936.....	41	52,592	30,558	6,556	352	112,202	26,135	52	310	310	310	310
1937.....	42	60,523	28,820	5,948	353	108,183	30,081	89	418	418	418	418
1938.....	44	75,783	42,591	8,654	396	124,937	32,949	155	809	809	809	809
1939.....	44	90,579	50,559	10,714	429	144,447	38,957	191	1,153	1,153	1,153	1,153
1940.....	44	117,916	59,136	12,011	445	154,969	42,841	337	1,919	1,919	1,919	1,919
1941.....	44	135,742	69,081	15,519	425	160,022	45,964	408	2,483	2,483	2,483	2,483
1942.....	44	149,427	69,569	16,534	435	151,685	49,280	408	2,333	2,333	2,333	2,333
1943.....	45	189,756	81,844	20,332	447	159,534	53,081	514	2,873	2,873	2,873	2,873
1944.....	45	206,259	73,578	18,592	444	173,183	62,255	707	3,785	3,785	3,785	3,785
1945.....	47	259,453	92,324	24,904	471	211,669	71,228	796	4,742	4,742	4,742	4,742
1946.....	47	325,633	105,633	27,591	471	220,183	71,684	729	5,236	5,236	5,236	5,236
1947.....	47	331,741	97,363	27,266	464	215,198						

<sup>1</sup> Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays.  
<sup>2</sup> For U. S. Record of Performance and U. S. Register of Merit, the year covers 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.  
<sup>3</sup> Single-male matings of U.S.R.O.P. birds.

<sup>4</sup> Computed by dividing the number of eggs laid during the year by the number of candidates according to Record of Pedigreed Candidates submitted for U. S. Register of Merit Analysis.  
 Bureau of Animal Industry.

TABLE 553.—Chickens: Participation in the National Poultry Improvement Plan, by States, 1947<sup>1</sup>

State and division	Hatcheries		Supply flocks			U. S. Record of Performance			
	Number	Egg capacity <sup>2</sup>	Flocks	Birds	Average number of birds per flock	Breeders	Flocks	Candidates trap-nested	Females in U. S. R.O.P. matings <sup>3</sup>
		Thousands	Number	Thousands	Number	Number	Number	Number	Number
Maine.....	96	2,181	665	728	1,034	1	1	142	98
New Hampshire.....	131	5,295	647	1,387	2,143	14	19	6,392	2,964
Vermont.....	28	384	208	150	720	2	2	850	198
Massachusetts.....	221	6,338	709	954	1,346	18	20	17,913	4,014
Rhode Island.....	15	217	53	54	1,023	2	2	239	.....
Connecticut.....	116	6,502	437	553	1,296	12	16	5,041	749
New York.....	228	7,398	731	643	880	14	20	8,440	2,367
New Jersey.....	70	7,349	548	545	994	10	12	5,618	1,600
Pennsylvania.....	92	6,245	658	440	669	10	12	11,279	2,363
North Atlantic.....	997	41,909	4,656	5,454	1,171	83	104	55,914	14,353
Ohio.....	181	14,041	5,756	1,196	208	18	18	11,063	3,346
Indiana.....	268	30,984	11,987	2,582	215	14	20	20,402	6,828
Illinois.....	238	31,924	14,364	2,658	185	12	18	6,465	1,908
Michigan.....	106	6,656	1,657	444	208	10	17	5,656	3,346
Wisconsin.....	62	3,590	915	292	319	14	19	7,381	3,881
East North Central.....	855	87,195	34,679	7,172	207	68	92	50,967	19,309
Minnesota.....	232	21,914	4,482	1,661	371	15	19	14,212	7,047
Iowa.....	111	11,224	5,019	1,152	229	10	14	9,458	2,626
Missouri.....	216	31,641	16,691	3,052	183	19	40	11,934	6,295
North Dakota.....	56	4,202	1,172	202	173	4	4	538	166
South Dakota.....	49	3,587	968	241	249	1	1	439	111
Nebraska.....	47	5,244	1,738	367	211	4	10	2,812	469
Kansas.....	149	11,816	4,432	908	205	7	14	4,704	2,164
West North Central.....	860	89,628	34,502	7,583	220	60	102	44,097	18,907
Delaware.....	22	5,796	547	437	798	1	2	1,122	243
Maryland.....	59	10,808	1,092	359	329	5	7	1,288	190
Virginia.....	96	10,812	1,606	605	377	4	4	1,740	669
West Virginia.....	23	1,677	865	110	127	1	1	36	36
North Carolina.....	208	10,604	1,720	762	443	13	16	5,173	2,001
South Carolina.....	44	2,089	324	99	304	6	7	1,893	709
Georgia.....	87	7,690	492	408	828	3	3	2,091	579
Florida.....	72	3,290	170	183	1,074	10	12	4,307	821
South Atlantic.....	611	52,766	6,816	2,963	435	43	52	17,650	5,248
Kentucky.....	107	5,401	4,272	482	113	9	17	4,255	1,848
Tennessee.....	65	3,719	1,949	217	111	5	8	2,729	651
Alabama.....	102	3,995	741	127	171	7	12	4,164	1,139
Mississippi.....	61	1,975	476	80	167	1	1	752	23
Arkansas.....	62	3,223	604	113	188	2	2	.....	113
Louisiana.....	75	1,799	519	60	115	6	10	2,674	686
Oklahoma.....	90	6,434	2,493	407	163	4	11	2,651	647
Texas.....	116	9,804	1,745	427	245	13	15	10,061	3,267
South Central.....	678	36,350	12,799	1,912	149	47	76	27,286	8,374
Montana.....	19	1,255	194	31	158	.....	.....	.....	.....
Idaho.....	36	1,457	426	89	209	3	4	1,257	209
Wyoming.....	7	201	92	13	147	1	2	452	161
Colorado.....	38	2,118	641	123	192	3	3	2,400	474
New Mexico.....	3	93	11	6	519	1	1	909	262
Arizona.....	9	361	43	18	413	2	6	1,333	95
Utah.....	21	1,861	80	64	794	3	3	2,949	617
Nevada.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	54	3,226	588	354	601	11	12	3,925	2,000
Oregon.....	50	2,862	768	373	485	7	7	6,059	1,675
California.....	88	10,459	1,068	1,110	1,039	.....	.....	.....	.....
Western.....	325	23,893	3,911	2,181	557	31	38	19,284	5,493
United States.....	4,326	331,741	97,363	27,266	280	332	464	215,198	71,684

<sup>1</sup> For hatcheries and supply flocks, year began July 1, 1947, and ended June 30, 1948. For U. S. Record of Performance, the year covers 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

<sup>2</sup> Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays. <sup>3</sup> Single-male matings of U.S.R.O.P. birds.

TABLE 554.—*Chickens: Participation in U. S. Register of Merit, 1946, and U. S. Record of Performance, 1947, by breeds and varieties*

Breed and variety	U. S. Register of Merit, 1946 <sup>1</sup>						U. S. Record of Performance, 1947 <sup>1</sup>			
	Sires			Dams			Flocks	Candi- dates trap- nested	U. S.- R. O. P. mat- ings <sup>2</sup>	Aver- age egg produc- tion <sup>3</sup>
	Num- ber	Daugh- ters	Daugh- ters' average egg pro- duction	Num- ber	Daugh- ters	Daugh- ters' average egg pro- duction				
		<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Single-Comb White Leghorn	464	34,746	228	3,356	31,770	226	169	101,918	2,089	198
New Hampshire	80	5,567	204	611	5,806	209	102	43,243	875	171
Single-Comb Rhode Island Red	96	5,560	217	635	5,547	222	57	27,171	598	195
Barred Plymouth Rock	60	3,627	213	371	3,201	218	56	19,070	424	183
White Plymouth Rock	23	1,186	200	222	1,840	203	59	20,907	558	154
Black Australorp	1	39	207	9	70	212	9	1,401	63	172
White Wyandotte				6	49	205	5	931	51	136
Others	5	273	200	26	201	205	7	557	15	144
Total or average	729	50,998	222	5,236	48,484	222	464	215,198	4,673	186

<sup>1</sup> Trap-nest year covering 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

<sup>2</sup> Single-male matings of U.S.R.O.P. birds.

<sup>3</sup> These figures are for year 1946.

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TABLE 555.—*Chickens: Distribution of breed and variety of birds trap-nested under the National Poultry Improvement Plan, 1939-47<sup>1</sup>*

Breed and variety	1939	1940	1941	1942	1943	1944	1945	1946	1947
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Single-Comb White Leghorn	57.7	56.3	53.0	51.2	49.9	50.6	48.0	47.6	47.4
Single-Comb Rhode Island Red	12.9	14.9	13.6	13.4	13.8	12.1	13.0	12.2	12.6
New Hampshire	8.1	8.3	9.1	11.5	12.4	13.2	15.9	18.9	20.1
White Plymouth Rock	7.5	9.3	12.1	11.9	10.6	11.5	11.5	9.5	9.7
Barred Plymouth Rock	11.1	9.4	10.0	9.5	10.8	10.6	9.4	9.6	8.9
White Wyandotte	1.5	1.1	1.4	1.4	1.1	0.8	0.9	1.1	0.4
Others	1.2	0.7	0.8	1.1	1.4	1.2	1.3	1.1	0.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Trap-nest year covering 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

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TABLE 556.—Chickens: Farm production, disposition, cash receipts, and gross income, by States, 1946<sup>1</sup>

State and division	Number				Pounds				Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed <sup>6</sup>	Gross income <sup>7</sup>		
	Raised <sup>2</sup>	Loss of mature birds <sup>3</sup>	Change in inventory <sup>5</sup>		Produced <sup>4</sup>	Consumed <sup>6</sup>	Sold	Produced						Consumed <sup>6</sup>	Sold
			Increase	Decrease											
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars		
Maine.....	4,134	358	413	3,752	437	18,749	18,749	2,054	18,750	29.5	5,531	606	6,140		
New Hampshire.....	4,052	361	427	3,640	278	18,999	18,999	1,251	19,968	30.6	5,814	383	6,493		
Vermont.....	1,565	158	243	1,381	269	7,517	7,517	1,372	7,457	30.5	2,293	418	2,692		
Massachusetts.....	7,112	825	1,268	6,775	780	32,932	32,932	3,744	35,908	32.8	10,802	1,228	13,006		
Rhode Island.....	7,749	87	1,110	6,665	107	3,423	3,423	3,482	3,524	31.6	1,082	1,152	1,268		
Connecticut.....	4,574	509	587	4,090	553	20,565	20,565	2,654	20,905	32.8	6,745	6,857	7,708		
New York.....	20,119	2,421	1,959	16,740	2,917	85,242	85,242	14,293	80,952	33.7	28,737	4,817	31,806		
New Jersey.....	14,014	2,034	1,620	11,575	4,116	54,116	54,116	4,818	52,088	34.0	18,399	1,638	19,348		
Pennsylvania.....	35,710	3,068	2,564	29,041	4,165	144,550	144,550	20,408	136,493	32.2	46,642	6,571	50,322		
North Atlantic.....	92,029	11,821	8,191	77,808	10,531	386,393	386,393	51,076	375,455	32.6	126,035	16,684	139,091		
Ohio.....	30,491	4,028	2,712	22,358	6,817	123,013	123,013	30,676	105,083	29.8	36,638	9,141	40,456		
Indiana.....	31,488	3,314	2,817	24,306	5,801	128,337	128,337	23,784	114,238	26.7	34,426	6,350	36,852		
Illinois.....	36,886	4,379	3,393	27,822	7,393	149,825	149,825	31,790	130,763	28.5	42,700	9,060	46,327		
Michigan.....	22,108	2,432	2,027	17,902	3,801	92,477	92,477	17,865	84,139	28.4	26,263	5,074	28,969		
Wisconsin.....	21,666	3,423	1,048	14,402	4,889	78,935	78,935	21,512	61,929	26.9	21,234	5,787	22,446		
East North Central.....	142,639	17,576	10,428	106,790	28,701	573,187	573,187	125,627	496,152	28.1	161,281	35,412	175,050		
Minnesota.....	42,382	4,871	1,521	33,324	5,708	165,049	165,049	25,115	146,626	25.1	41,427	6,304	43,107		
Iowa.....	53,633	6,407	2,567	47,226	7,596	223,046	223,046	33,422	202,546	28.0	62,621	9,358	66,071		
Missouri.....	35,614	3,739	3,377	27,426	7,826	130,019	130,019	26,608	117,632	26.0	33,805	6,918	37,580		
North Dakota.....	9,674	1,161	792	7,921	2,169	38,726	38,726	8,852	33,596	23.6	9,139	2,089	10,018		
South Dakota.....	15,950	1,694	434	12,364	6,449	64,049	64,049	20,761	56,884	25.8	16,679	2,518	17,194		
Nebraska.....	29,725	3,071	1,425	22,543	5,536	113,402	113,402	20,483	99,189	24.3	27,557	4,977	29,080		
Kansas.....	28,279	3,377	2,272	20,092	7,082	99,631	99,631	24,787	84,386	24.1	24,011	6,974	26,311		
West North Central.....	215,259	24,320	12,388	165,096	38,231	835,122	835,122	149,028	741,159	25.8	215,239	38,138	229,361		



Delaware.....	2,235	282	1,953	265	355	1,862	1,566	8,007	30.0	2,530	2,402	470	2,872
Maryland.....	7,513	891	6,622	431	1,687	5,935	6,748	92,074	30.7	8,386	7,084	2,072	9,166
Virginia.....	14,163	2,023	12,140	1,005	6,925	6,217	28,555	26,111	30.5	13,861	7,964	7,184	15,148
West Virginia.....	6,177	704	5,473	412	2,135	3,338	8,113	16,875	30.8	7,125	5,198	2,499	7,697
North Carolina.....	21,383	2,248	19,135	1,112	9,783	10,462	33,289	42,894	28.8	20,622	12,353	9,581	21,934
South Carolina.....	9,714	1,101	8,613	701	6,385	3,046	29,775	11,879	35.3	10,511	4,193	7,406	11,599
Georgia.....	14,997	1,825	13,172	883	7,979	6,076	25,333	23,089	31.3	14,169	7,227	7,992	15,219
Florida.....	4,912	775	4,137	639	1,467	3,329	13,747	11,652	37.3	5,128	4,346	1,642	5,988
South Atlantic.....	81,094	9,849	71,245	5,558	36,695	40,108	124,166	163,381	31.0	82,532	50,767	38,846	89,613
Kentucky.....	20,528	2,429	18,099	1,626	8,496	11,229	71,990	29,736	25.3	18,213	12,500	7,523	20,023
Tennessee.....	18,203	2,003	16,200	989	7,519	9,670	61,273	40,614	25.1	15,380	10,194	6,228	16,422
Alabama.....	15,162	1,663	13,499	1,145	7,417	7,227	20,768	26,740	28.7	12,419	7,674	5,960	13,634
Mississippi.....	15,733	1,304	14,429	859	5,396	9,892	46,360	33,633	28.5	13,213	9,585	4,460	14,045
Arkansas.....	13,707	1,288	12,419	1,352	4,206	9,565	44,649	12,618	25.1	11,207	9,363	3,167	12,530
Louisiana.....	9,029	1,121	7,908	876	4,796	3,988	29,570	17,745	34.5	10,202	5,228	6,122	11,350
Oklahoma.....	21,048	2,567	18,481	2,339	6,511	14,279	65,013	20,835	23.6	15,343	12,468	4,917	17,385
Texas.....	40,437	7,683	32,754	5,746	12,015	26,485	37,246	93,346	25.1	28,088	23,932	9,349	33,281
South Central.....	153,847	20,088	133,759	14,932	56,356	92,335	179,409	351,031	25.9	124,065	90,944	47,726	138,670
Montana.....	3,829	485	3,344	136	1,231	2,249	14,010	4,924	28.7	4,021	2,776	1,413	4,189
Idaho.....	3,737	503	3,234	224	1,101	2,357	13,466	4,294	25.0	3,488	2,695	1,112	3,737
Wyoming.....	1,304	162	1,142	32	473	701	4,560	1,750	26.0	1,213	753	466	1,249
Colorado.....	6,334	791	5,543	632	1,733	4,442	21,825	6,585	26.0	5,587	4,549	1,086	6,235
New Mexico.....	1,886	250	1,636	191	711	1,116	5,953	2,346	24.0	1,464	1,071	577	1,638
Arizona.....	984	167	817	91	347	561	2,919	1,180	31.7	925	638	374	1,032
Utah.....	4,367	620	3,747	292	483	3,496	13,248	1,497	23.4	3,100	2,945	350	3,295
Nevada.....	379	61	318	20	112	226	1,145	403	25.4	291	207	102	309
Washington.....	8,206	988	7,218	508	2,030	5,096	27,947	7,714	27.4	7,637	6,087	2,114	8,201
Oregon.....	4,822	848	3,974	368	1,420	3,122	17,202	13,737	27.1	4,662	3,723	1,616	5,339
California.....	25,086	3,870	21,216	1,631	3,047	19,800	68,196	10,055	28.9	20,391	18,945	3,006	21,951
Western.....	60,934	8,745	52,189	4,265	12,688	43,766	190,471	46,712	27.8	52,799	44,369	12,816	57,185
United States.....	745,802	92,399	633,403	55,762	183,202	525,963	2,724,580	676,018	28.0	761,951	639,348	189,622	828,970

<sup>1</sup> Does not include commercial broiler production.

<sup>2</sup> Total chicks hatched, less death loss of chicks and young chickens during the year.

<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.

<sup>4</sup> Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.

<sup>5</sup> Change in Jan. 1 inventory numbers during the year.

<sup>6</sup> Chickens consumed in households of farm producers.

<sup>7</sup> Value of sales, plus value of those consumed in households of producers.

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TABLE 557.—Chickens: Farm production, disposition, cash receipts, and gross income, by States, 1947 1

State and division	Number				Pounds				Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed *	Gross income †		
	Raised 2	Loss of mature birds 3	Pro-duced 4	Change in inventory 5		Con-sumed 6	Sold	Pro-duced						Con-sumed 6	Sold
				In-crease	De-crease										
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		
North Atlantic															
Maine.....	4,754	351	4,403	117	424	3,862	22,725	20,082	30.4	6,908	6,105	6,119	6,724		
New Hampshire.....	4,457	352	4,105	30	247	3,828	20,426	19,140	31.3	6,303	5,991	356	5,317		
Vermont.....	1,722	136	1,586	26	242	1,318	8,247	6,854	31.1	2,565	2,132	391	2,523		
Massachusetts.....	8,179	711	7,468	129	718	6,621	37,643	33,757	32.4	12,204	10,941	1,140	12,081		
Rhode Island.....	839	79	760	—	96	664	3,017	3,586	32.6	7,319	1,769	130	1,319		
Connecticut.....	5,077	466	4,611	32	492	4,097	23,389	20,844	32.6	7,618	6,795	770	7,563		
New York.....	21,729	2,147	19,582	1,291	2,696	15,905	65,852	12,720	33.0	31,604	25,379	4,198	29,577		
New Jersey.....	14,014	2,136	11,878	11	2,053	10,314	53,042	4,479	34.3	18,399	16,846	1,536	18,382		
Pennsylvania.....	35,353	3,063	30,290	545	3,532	27,003	145,775	18,777	32.4	47,231	41,995	6,084	48,079		
	96,124	11,441	84,683	1,091	9,600	73,992	412,126	46,746	32.6	134,391	117,353	15,244	132,597		
Ohio															
Ohio.....	29,576	3,314	26,232	—	6,203	20,591	122,671	28,534	29.2	35,820	28,259	8,332	36,591		
Indiana.....	32,748	3,161	29,587	562	5,627	23,968	132,724	22,508	26.6	35,305	29,327	5,987	35,314		
Illinois.....	36,148	4,380	31,768	772	6,949	25,591	144,049	29,881	26.8	38,605	31,549	8,008	39,557		
Michigan.....	19,676	2,333	17,343	395	3,535	14,203	61,512	16,614	28.6	23,312	19,682	4,752	23,844		
Wisconsin.....	22,533	3,235	19,298	205	4,351	15,212	84,476	18,709	25.5	21,541	17,068	4,771	21,839		
	140,681	16,453	124,228	—	2,002	99,565	565,432	116,246	27.3	154,583	125,295	31,850	157,145		
East North Central															
Minnesota.....	41,534	4,628	36,906	—	5,537	31,941	162,386	24,363	20.8	33,776	29,232	5,068	34,300		
Iowa.....	54,169	5,971	48,198	821	7,520	41,499	228,342	33,088	23.9	54,574	47,608	7,908	55,516		
Missouri.....	39,175	3,266	35,909	423	7,904	28,428	148,085	27,664	20.7	35,244	29,093	6,584	35,677		
North Dakota.....	8,902	1,063	7,839	238	1,965	6,112	35,663	8,056	20.7	7,382	5,946	1,668	7,614		
South Dakota.....	16,588	1,811	14,777	23	2,766	12,034	66,591	11,341	21.1	14,051	11,680	2,393	14,073		
Nebraska.....	28,586	2,815	25,721	796	5,757	20,760	107,146	21,301	21.5	23,036	19,193	4,580	24,773		
Kansas.....	27,148	2,968	24,180	946	6,515	18,611	95,880	23,454	22.2	21,285	16,940	5,207	22,147		
	216,052	22,522	193,530	—	3,819	159,385	844,093	149,267	22.4	189,348	159,692	33,408	193,100		
West North Central															

Delaware.....	2,369	241	2,128	23	338	8,938	1,420	7,615	30.5	2,726	2,923	453	2,756
Maryland.....	7,288	858	6,430	135	1,620	4,945	27,164	21,294	31.8	8,638	6,762	2,061	8,823
Virginia.....	13,455	1,740	11,715	282	6,651	5,346	23,278	13,522	30.9	13,622	7,033	6,390	13,983
West Virginia.....	5,250	1,642	4,608	326	1,943	19,669	23,522	23,160	20.1	5,927	3,961	2,398	6,350
North Carolina.....	20,100	2,180	17,920	1,579	9,491	10,008	33,218	41,033	28.5	19,316	11,694	9,467	20,021
South Carolina.....	9,423	1,066	8,357	1,579	6,358	28,577	20,981	9,211	33.2	9,488	3,053	6,966	10,161
Georgia.....	14,247	1,851	12,396	617	7,181	5,832	42,274	21,578	30.8	13,020	6,646	7,078	13,724
Florida.....	4,763	1,476	4,049	43	1,306	2,786	13,911	9,751	39.2	5,453	3,822	1,680	5,512
South Atlantic.....	76,897	9,294	67,603	3,430	34,888	36,145	253,892	147,134	39.8	78,190	45,299	37,053	82,352
Kentucky.....	20,628	2,017	18,511	184	8,496	10,199	72,801	43,856	25.1	18,273	11,008	7,464	18,472
Tennessee.....	17,657	1,845	15,812	515	6,692	61,067	22,733	40,467	25.4	16,508	10,279	5,779	16,038
Alabama.....	14,404	1,382	13,022	539	7,417	40,946	20,768	22,118	29.2	11,956	6,438	6,064	12,522
Mississippi.....	14,474	1,332	13,142	368	5,288	8,242	40,467	25,310	30.2	12,221	7,946	4,631	12,577
Arkansas.....	13,707	1,098	12,609	536	4,080	9,065	43,797	12,240	25.2	11,037	8,452	3,084	11,597
Louisiana.....	20,296	910	8,119	494	4,556	4,057	29,585	16,402	36.6	10,828	5,494	6,003	11,497
Oklahoma.....	20,206	2,380	17,826	73	6,316	11,583	63,949	44,015	22.5	14,389	9,903	4,547	14,450
Texas.....	40,437	6,419	34,018	826	11,414	23,430	114,497	82,065	24.9	28,510	20,419	8,810	29,229
South Central.....	150,442	17,383	133,059	3,535	54,259	82,335	467,089	307,322	26.0	122,722	79,959	46,382	126,341
Montana.....	3,714	414	3,300	173	1,293	2,180	13,874	9,592	28.3	3,926	2,715	1,427	4,142
Idaho.....	4,036	504	3,532	68	1,167	2,433	14,368	10,219	26.3	3,779	2,688	1,166	3,854
Wyoming.....	1,239	156	1,083	43	501	625	4,448	2,004	30.5	1,357	801	611	1,412
Colorado.....	6,524	671	5,853	39	1,768	4,124	21,888	15,671	26.9	5,888	4,215	1,712	5,927
New Mexico.....	2,131	251	1,880	31	818	1,093	6,678	4,263	24.0	1,803	1,023	609	1,632
Arizona.....	1,092	174	918	63	399	456	3,277	1,687	33.7	1,104	669	457	1,026
Utah.....	4,406	667	4,019	63	459	3,590	14,080	12,565	27.2	3,365	3,418	412	3,830
Nevada.....	67	339	106	106	303	323	1,371	932	28.0	361	261	104	365
Washington.....	9,355	902	8,453	177	2,050	6,580	31,481	24,346	29.1	9,161	7,085	2,267	9,352
Oregon.....	5,401	703	4,698	1	1,306	3,333	20,146	14,645	27.8	5,601	4,077	1,525	5,602
California.....	26,591	3,373	23,218	699	3,169	19,350	78,942	65,790	32.4	23,577	21,316	3,491	24,807
Western.....	65,205	7,942	57,263	230	13,036	43,997	210,485	162,355	29.7	62,191	48,168	13,781	61,949
United States.....	745,401	85,035	660,366	11,465	176,412	495,419	2,753,127	2,146,784	26.8	741,425	575,766	177,718	753,484

<sup>1</sup> Does not include commercial broiler production.  
<sup>2</sup> Total chicks hatched, less death loss of chicks and young chickens during the year.  
<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.  
<sup>4</sup> Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.  
<sup>5</sup> Change in Jan. 1 inventory numbers during the year.  
<sup>6</sup> Chickens consumed in households of farm producers.  
<sup>7</sup> Value of sales, plus value of those consumed in households of producers.  
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TABLE 558.—Chickens: Farm production, disposition, cash receipts, and gross income, United States, 1930-47 1

Year	Number				Pounds			Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed 4	Gross income 7	
	Raised 2	Loss of mature birds 4	Pro-duced 4	Change in inventory 5		Produced	Con- sumed 6						Sold
				Increase	Decrease								
1930	776,971	62,591	714,380	Thousands	18,748	1,000 lb.	1,814,510	Cents	1,000 dol.	1,000 dol.	1,000 dol.	1,000 dol.	
1931	709,425	62,846	646,579	Thousands	12,928	1,000 lb.	903,270	18.4	482,103	333,188	161,756	404,944	
1932	735,510	62,891	672,619	Thousands	7,708	1,000 lb.	2,456,955	15.8	883,215	257,685	132,301	390,056	
1933	750,090	65,161	684,929	Thousands	10,586	1,000 lb.	2,583,955	11.8	295,958	189,410	101,010	293,420	
1934	644,424	65,102	578,322	Thousands	43,979	1,000 lb.	2,920,924	9.5	243,971	160,584	86,820	247,404	
1935	658,344	60,575	597,769	Thousands	13,488	1,000 lb.	2,189,191	11.3	241,956	170,772	88,474	239,216	
1936	715,034	64,420	650,608	Thousands	20,475	1,000 lb.	2,292,047	14.9	331,359	207,361	116,429	323,700	
1937	601,147	68,567	532,580	Thousands	34,207	1,000 lb.	2,409,582	15.8	352,209	224,826	134,416	373,597	
1938	650,655	67,478	583,207	Thousands	28,967	1,000 lb.	2,042,000	15.9	336,689	195,195	125,088	320,283	
1939	696,655	75,592	621,063	Thousands	19,697	1,000 lb.	2,185,049	13.5	319,252	199,435	110,400	309,087	
1940	633,705	78,142	555,563	Thousands	15,447	1,000 lb.	2,337,980	13.2	283,740	199,435	92,301	291,736	
1941	744,956	80,841	664,115	Thousands	54,094	1,000 lb.	2,586,468	15.8	404,835	263,772	108,303	372,075	
1942	844,276	92,433	751,843	Thousands	65,112	1,000 lb.	3,004,727	19.0	568,089	388,729	129,116	517,845	
1943	1,001,392	87,685	913,707	Thousands	40,150	1,000 lb.	3,679,476	24.5	904,605	696,214	166,614	862,828	
1944	892,063	107,192	784,871	Thousands	65,700	1,000 lb.	3,009,026	24.0	723,634	634,918	156,474	790,392	
1945	914,793	91,341	823,452	Thousands	13,706	1,000 lb.	3,416,783	26.1	895,118	695,860	182,400	878,350	
1946	746,802	92,399	654,403	Thousands	55,762	1,000 lb.	2,724,580	23.0	761,951	639,348	189,622	828,970	
1947	745,401	85,055	660,346	Thousands	11,465	1,000 lb.	2,753,127	26.8	741,425	575,766	177,718	753,484	

1 Does not include commercial broiler production.

2 Total chicks hatched, less death loss of chicks and young chickens during the year.

3 Death loss during the year of mature chickens on hand Jan. 1.

4 Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.

5 Change in Jan. 1 inventory numbers during the year.

6 Chickens consumed in households of farm producers.

7 Value of sales, plus value of those consumed in households of producers. Bureau of Agricultural Economics. Data for 1909-29 in Agricultural Statistics 1942, table 646.

TABLE 559.—*Chickens: Sales and average live weight of farm chickens sold, United States, 1938-47*<sup>1</sup>

Year	Chickens sold			Average live weight		Pounds of chicken sold	
	Total	Young	Mature	Young	Mature	Young	Mature
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	326,430	207,293	119,137	3.4	4.9	695,936	585,599
1939.....	376,583	240,325	136,258	3.3	5.0	804,956	676,250
1940.....	369,846	185,415	184,431	3.3	4.9	611,986	896,119
1941.....	412,322	246,835	165,487	3.4	5.1	836,471	836,081
1942.....	493,043	295,728	197,315	3.5	5.1	1,034,390	1,012,076
1943.....	682,937	411,504	271,433	3.5	5.1	1,441,980	1,394,155
1944.....	611,901	299,155	312,746	3.6	5.1	1,063,306	1,681,771
1945.....	621,415	338,334	283,081	3.6	5.1	1,224,203	1,446,022
1946.....	525,963	275,560	250,403	3.6	5.2	992,352	1,294,683
1947.....	495,419	282,748	212,671	3.7	5.2	1,036,063	1,110,721

<sup>1</sup> Does not include commercial broiler production.

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TABLE 560.—*Commercial broiler production and gross income, United States, 1934-47*<sup>1</sup>

Year	Production		Price per pound	Gross income <sup>2</sup>	Year	Production		Price per pound	Gross income <sup>2</sup>
	Number	Weight				Number	Weight		
	<i>Thousands</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>		<i>Thousands</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>
1934.....	34,030	96,662	19.3	18,694	1941.....	191,502	559,605	18.4	103,111
1935.....	42,890	122,884	20.1	24,651	1942.....	228,187	674,087	22.9	154,650
1936.....	53,155	152,447	20.7	31,493	1943.....	285,293	832,837	28.6	238,262
1937.....	67,915	195,916	21.4	41,876	1944.....	264,999	790,346	28.7	227,104
1938.....	82,420	239,508	19.0	45,609	1945.....	345,598	1,044,322	29.5	308,521
1939.....	105,630	306,272	17.0	52,059	1946.....	275,600	828,607	32.6	270,015
1940.....	142,762	414,074	17.3	71,729	1947.....	283,091	849,715	32.1	272,788

<sup>1</sup> By commercial broiler is meant young chickens of the heavy breeds, to be marketed at from 2 to 4 pounds live weight and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.<sup>2</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

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TABLE 561.—Commercial broiler production, and gross income, by States, 1946 and 1947<sup>1</sup>

State and division	1946				1947			
	Production		Price per pound	Gross income <sup>2</sup>	Production		Price per pound	Gross income <sup>2</sup>
	Number	Weight			Number	Weight		
	<i>Thousands</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>	<i>Thousands</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>
Maine.....	871	3,310	33.5	1,109	827	3,143	29.0	911
New Hampshire.....	2,245	7,633	33.0	2,519	2,245	7,633	28.5	2,175
Vermont.....	416	1,414	34.0	481	312	1,030	30.0	309
Massachusetts.....	4,404	16,070	33.5	5,383	4,152	14,117	32.0	4,517
Rhode Island.....	448	1,568	33.2	521	403	1,410	33.0	465
Connecticut.....	6,732	22,889	34.0	7,782	5,924	20,142	33.5	6,748
New York.....	6,394	19,821	35.0	6,937	5,435	16,305	34.0	5,544
New Jersey.....	3,990	13,167	34.0	4,477	3,631	11,619	33.0	3,834
Pennsylvania.....	5,902	21,247	33.0	7,012	6,079	20,669	32.5	6,717
North Atlantic.....	31,462	107,119	33.8	36,221	29,008	96,068	32.5	31,220
Ohio.....	4,653	14,424	33.0	4,760	3,257	10,422	33.0	3,439
Indiana.....	6,704	20,782	32.0	6,650	7,039	22,525	33.9	7,636
Illinois.....	5,910	17,139	35.0	5,999	7,092	19,858	33.5	6,652
Michigan.....	1,104	3,312	32.0	1,060	1,104	3,633	34.0	1,201
Wisconsin.....	3,960	11,880	36.0	4,277	3,683	11,049	35.0	3,867
East North Central.....	22,331	67,537	33.7	22,746	22,175	67,387	33.8	22,795
Minnesota.....	1,398	4,194	36.0	1,510	1,258	3,774	35.0	1,321
Iowa.....	2,805	9,256	32.0	2,962	2,609	8,871	29.0	2,573
Missouri.....	2,481	7,691	31.8	2,446	2,258	6,774	32.0	2,168
Kansas.....	757	1,892	30.2	571	795	2,146	28.5	612
West North Central.....	7,441	23,033	32.5	7,489	6,920	21,565	30.9	6,674
Delaware.....	54,675	169,492	30.3	51,356	52,488	162,713	30.3	49,302
Maryland.....	31,122	99,590	30.1	29,977	31,744	101,581	29.7	30,170
Virginia.....	21,889	65,667	33.5	21,998	23,640	70,920	30.5	21,631
West Virginia.....	6,753	22,285	31.5	7,020	8,441	27,011	32.0	8,644
North Carolina.....	14,711	42,662	32.3	13,780	16,182	45,310	32.9	14,907
South Carolina.....	3,600	9,360	39.0	3,650	3,348	8,705	37.0	3,221
Georgia.....	22,435	60,574	33.3	20,171	28,717	77,536	31.2	24,191
Florida.....	5,462	14,747	42.0	6,194	5,735	15,484	42.0	6,503
South Atlantic.....	160,647	484,377	31.8	154,146	170,295	509,260	31.1	158,569
Kentucky.....	1,211	3,391	32.0	1,085	1,000	3,270	31.0	1,014
Tennessee.....	1,800	4,860	37.8	1,837	1,854	4,826	38.6	1,861
Alabama.....	4,568	10,963	38.0	4,166	4,796	11,510	38.0	4,374
Mississippi.....	1,753	4,733	33.0	1,562	2,331	6,760	34.0	2,298
Arkansas.....	16,450	46,060	32.0	14,739	15,628	45,321	31.8	14,412
Louisiana.....	1,309	3,011	39.0	1,174	1,244	3,234	41.0	1,326
Oklahoma.....	800	1,840	33.0	607	704	2,112	34.0	718
Texas.....	12,474	28,690	33.0	9,468	10,603	26,508	33.0	8,748
South Central.....	40,365	103,548	33.5	34,638	38,250	103,535	33.6	34,751
Arizona.....	517	1,450	39.0	566	450	1,260	41.0	517
Washington.....	1,792	5,197	35.0	1,819	1,792	5,197	36.0	1,871
Oregon.....	1,022	3,270	35.0	1,144	971	3,107	37.0	1,150
California.....	10,023	33,076	34.0	11,246	13,230	42,336	36.0	15,241
Western.....	13,354	42,993	34.4	14,775	16,443	51,900	36.2	18,779
United States.....	275,600	828,607	32.6	270,015	283,091	849,715	32.1	272,788

<sup>1</sup> By commercial broiler is meant young chickens of the heavy breeds, to be marketed at from 2 to 4 pounds live weight and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.

<sup>2</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

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TABLE 562.—Chicks hatched by commercial hatcheries, average price of baby chicks, and value of chick production, by States, 1946 and 1947

State and division	Chicks hatched		Average price of baby chicks per 100 <sup>1</sup>		Value of chick production	
	1946	1947	1946	1947	1946	1947
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	6,385	7,420	17.90	19.30	1,143	1,432
New Hampshire.....	25,294	24,755	16.70	17.80	4,224	4,406
Vermont.....	1,449	1,742	17.20	18.90	249	329
Massachusetts.....	20,801	23,090	19.00	20.20	3,952	4,664
Rhode Island.....	2,420	2,560	21.10	22.00	511	563
Connecticut.....	24,418	28,480	20.00	21.20	4,884	6,038
New England.....	80,767	88,047	18.50	19.80	14,963	17,432
New York.....	22,546	23,350	19.10	20.20	4,306	4,717
New Jersey.....	30,475	28,253	17.60	18.90	5,364	5,340
Pennsylvania.....	61,970	60,620	14.90	16.70	9,234	10,124
Middle Atlantic.....	114,991	112,223	16.40	18.00	18,904	20,181
Ohio.....	59,500	54,500	16.30	16.80	9,698	9,156
Indiana.....	92,690	91,000	14.60	15.70	13,533	14,257
Illinois.....	96,031	102,500	14.60	15.40	14,021	15,785
Michigan.....	27,000	25,500	17.80	18.30	4,806	4,666
Wisconsin.....	24,100	23,326	18.60	20.10	4,483	4,689
East North Central.....	299,321	296,826	15.50	16.40	46,541	48,583
Minnesota.....	62,256	63,501	17.80	19.40	11,082	12,319
Iowa.....	87,075	91,440	15.80	15.90	13,758	14,539
Missouri.....	92,000	84,000	12.80	13.40	11,776	11,256
North Dakota.....	5,858	6,300	15.50	16.40	908	1,033
South Dakota.....	16,500	17,850	14.80	16.10	2,442	2,874
Nebraska.....	30,156	31,078	14.00	14.70	4,222	4,568
Kansas.....	37,600	36,800	13.80	14.00	5,189	5,152
West North Central.....	331,445	330,969	14.90	15.60	49,377	51,741
Delaware.....	29,350	34,131	17.50	18.00	5,136	6,144
Maryland.....	51,905	48,974	14.60	15.20	7,578	7,444
Virginia.....	35,079	36,913	14.50	14.70	5,086	5,426
West Virginia.....	5,146	5,713	16.10	16.30	829	931
North Carolina.....	35,160	35,640	14.60	14.40	5,133	5,132
South Carolina.....	7,430	6,740	12.90	12.70	958	856
Georgia.....	36,875	45,250	13.60	12.70	5,015	5,747
Florida.....	12,800	13,000	14.80	16.50	1,894	2,145
South Atlantic.....	213,745	226,361	14.80	14.90	31,629	33,825
Kentucky.....	10,979	11,483	13.30	14.20	1,460	1,631
Tennessee.....	11,660	11,898	14.10	14.30	1,644	1,701
Alabama.....	10,290	9,220	13.70	13.80	1,410	1,272
Mississippi.....	6,200	5,630	13.00	13.80	806	777
Arkansas.....	10,000	8,177	13.00	13.10	1,300	1,071
Louisiana.....	4,983	5,100	14.70	14.10	733	719
Oklahoma.....	26,000	24,600	13.30	13.50	3,458	3,321
Texas.....	52,000	54,700	13.30	14.00	6,916	7,658
South Central.....	132,112	130,808	13.40	13.90	17,727	18,150
Montana.....	1,679	2,013	17.50	17.20	294	346
Idaho.....	3,135	3,096	19.30	19.50	605	604
Wyoming.....	453	471	15.80	14.40	72	68
Colorado.....	4,280	5,611	14.80	15.60	633	875
New Mexico.....	1,101	945	15.60	14.30	172	135
Arizona.....	1,187	1,328	18.70	19.50	222	259
Utah.....	2,400	1,875	26.30	26.30	631	493
Nevada.....	89	92	19.40	21.70	17	20
Mountain.....	14,324	15,431	18.50	18.10	2,646	2,800
Washington.....	12,660	15,775	22.70	24.60	2,874	3,881
Oregon.....	6,200	7,500	21.10	22.20	1,308	1,665
California.....	59,973	64,394	20.50	20.70	12,294	13,330
Pacific.....	78,833	87,669	20.90	21.50	16,476	18,876
United States.....	1,265,538	1,288,334	15.70	16.40	198,263	211,588

<sup>1</sup> Season average to May 1.

Bureau of Agricultural Economics.

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TABLE 563.—Chicks hatched by commercial hatcheries, average price of baby chicks, and value of chick production, United States, 1930-47

Year	Chicks hatched <sup>1</sup>		Average price of baby chicks per 100 <sup>2</sup>	Value of chick production	Year	Chicks hatched <sup>1</sup>		Average price of baby chicks per 100 <sup>2</sup>	Value of chick production
	Thousands	Dollars	1,000 dollars			Thousands	Dollars	1,000 dollars	
1930.....	671, 576	12. 41	83, 343	1939.....	916, 404	8. 83	80, 918		
1931.....	516, 220	10. 29	53, 119	1940.....	859, 341	8. 70	74, 763		
1932.....	537, 351	8. 07	43, 364	1941.....	1, 093, 300	9. 01	98, 506		
1933.....	584, 547	7. 34	42, 906	1942.....	1, 280, 290	11. 33	145, 057		
1934.....	525, 947	8. 06	42, 391	1943.....	1, 609, 121	13. 90	223, 076		
1935.....	649, 720	8. 62	56, 006	1944.....	1, 288, 491	15. 00	192, 708		
1936.....	790, 749	9. 00	71, 167	1945.....	1, 620, 773	15. 50	251, 675		
1937.....	687, 595	8. 80	60, 508	1946.....	1, 265, 538	15. 70	198, 263		
1938.....	785, 687	8. 95	70, 319	1947.....	1, 288, 334	16. 40	211, 588		

<sup>1</sup> In recent years, about 68 percent of the eggs set produced chicks.

<sup>2</sup> Season average to May 1.

Bureau of Agricultural Economics.

TABLE 564.—Poultry-feed price ratios, and poultry ration costs, United States, average 1937-46, annual 1938-47 and by geographic divisions, 1946 and 1947

Year	Ratios <sup>1</sup>				Division	Ratios <sup>1</sup>						Poultry ration costs per 100 lb. <sup>2</sup>	
	Egg-feed	Chicken-feed	Turkey-feed	Poultry ration costs per 100 lb. <sup>2</sup>		Egg-feed		Chicken-feed		Turkey-feed		1946	1947
						1946	1947	1946	1947	1946	1947		
1937-46 average...	Lb.	Lb.	Lb.	Dol.		Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Dol.	Dol.
1938.....	12.6	8.5	9.9	2.30	New England.....	12.2	13.0	7.6	6.8	9.5	8.3	4.15	4.78
1939.....	14.1	9.8	10.9	1.54	Middle Atlantic.....	12.4	12.7	8.4	7.5	11.0	9.2	3.82	4.44
1940.....	11.9	8.8	10.4	1.54	East North Central.....	10.9	10.8	8.0	6.8	10.3	8.2	3.35	4.12
1941.....	11.5	7.8	8.4	1.68	West North Central.....	10.9	10.2	7.8	6.0	10.8	8.2	3.04	3.82
1942.....	13.5	8.5	9.2	1.83	South Atlantic.....	11.1	11.2	7.7	6.7	9.4	8.1	4.04	4.60
1943.....	14.2	8.5	9.8	2.21	East South Central.....	10.6	10.4	7.0	6.2	9.0	7.8	3.76	4.35
1944.....	14.5	9.1	11.1	2.66	West South Central.....	10.6	10.6	7.2	6.2	8.5	6.6	3.52	4.10
1945.....	11.5	8.2	10.8	2.94	Mountain.....	12.7	12.0	7.6	6.7	10.2	8.3	3.30	4.05
1946.....	13.4	8.9	10.5	2.91	Pacific.....	12.6	12.4	7.8	6.9	8.9	6.7	3.70	4.45
1947.....	11.3	7.7	9.7	3.47									
1947.....	11.1	6.5	7.7	4.17	United States.....	11.3	11.1	7.7	6.5	9.7	7.7	3.47	4.17

<sup>1</sup> Number of pounds of poultry ration equivalent in value at local market prices to 1 dozen eggs, or 1 pounds of chicken or turkey, live weight. Simple average of monthly ratios.

<sup>2</sup> Simple average of monthly ration costs.

Bureau of Agricultural Economics.



TABLE 565.—Poultry, live: Receipts at 5 markets, by rail and truck, 1938-47

Year	New York			Chicago			San Francisco		
	Rail	Truck <sup>1</sup>	Total	Rail	Truck <sup>1</sup>	Total	Rail	Truck <sup>1</sup>	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938	49,824	93,520	143,344	8,932	49,770	58,702	1,027	15,049	16,076
1939	42,432	79,936	122,368	8,386	57,064	65,450	735	16,588	17,323
1940	39,600	86,960	126,560	5,642	58,506	64,148	417	16,669	17,086
1941	26,480	86,016	112,496	4,802	59,892	64,694	252	15,993	16,245
1942	25,120	94,624	119,744	7,210	58,156	65,366	88	14,739	14,827
1943	24,838	117,874	142,712	11,497	33,327	44,824	2,215	10,462	12,677
1944	18,956	114,076	133,032	14,437	35,912	50,349	1,485	12,691	14,176
1945	16,031	90,788	106,819	11,689	25,688	37,377	530	12,120	12,650
1946	18,535	133,532	152,067	9,541	38,813	48,354	971	16,019	16,990
1947	9,464	126,410	135,874	5,162	44,514	49,676	762	16,924	17,686
				Philadelphia			Boston		
1944				1,387	36,409	37,796	2,251	11,014	13,265
1945				729	31,277	32,006	432	8,273	8,705
1946				981	34,298	35,279	355	9,380	9,735
1947				954	33,427	34,381	401	7,884	8,285

<sup>1</sup> Truck receipts do not include all truck arrivals, as it is impossible to obtain reports from all receivers.

Production and Marketing Administration.

TABLE 566.—Poultry, live: Wholesale price per pound, Chicago, 1938-47

Year	Roasters				Broilers		Fowl		
	Heavy <sup>1</sup>		Light or fryers <sup>2</sup>		White Rock	Colored	Heavy	Medium	Leghorn
	White Rock	Colored	White Rock	Colored					
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1938	20.4	18.6	19.4	17.7	19.2	18.1	18.4	18.3	14.9
1939	18.5	16.5	17.4	15.7	17.4	16.0	15.5	15.2	12.4
1940	19.9	17.2	18.4	16.4	18.5	16.6	15.1	5.0	11.9
1941	20.2	18.6	19.3	17.9	19.1	18.1	18.7	19.0	15.5
1942	25.6	24.1	24.8	22.7	24.1	23.0	21.5	22.5	18.7
1943	28.3	27.8	27.3	26.9	26.9	26.4	24.4	24.4	23.1
1944	<i>28.6</i>	<i>28.6</i>	<i>27.8</i>	<i>27.8</i>	<i>28.2</i>	<i>28.2</i>	<i>25.2</i>	<i>25.2</i>	<i>23.6</i>
1945	28.5	28.5	27.6	27.6			26.3	26.3	25.5
1946	32.7	32.7	32.8	32.8	32.7	32.7	28.6	28.6	25.2
1947	32.8	32.8	33.4	33.4	31.3	31.3	28.9	28.9	21.3

<sup>1</sup> Since September 1939, reported as spring chickens, 4 pounds and over. Previously reported at various weights, but approximately comparable weights were used to obtain this continuous series of prices.

<sup>2</sup> Since September 1939, reported as spring chickens under 4 pounds. Previously reported at various weights, but approximately comparable weights were used to obtain this continuous series of prices.

Bureau of Agricultural Economics. Computed from daily quotations in the Chicago Price Current. Beginning 1944, data from reports of Production and Marketing Administration. Figures in italics are averages for less than 12 months.

TABLE 567.—*Poultry, dressed: Quantity officially inspected by Federal and Federal-State inspectors, 1930-47*

Year	Quantity	Year	Quantity	Year	Quantity	Year	Quantity
	<i>Pounds</i>		<i>Pounds</i>		<i>Pounds</i>		<i>Pounds</i>
1930.....	22,571,400	1935.....	23,266,090	1940.....	77,590,774	1945.....	227,917,363
1931.....	15,986,239	1936.....	32,950,582	1941.....	94,499,280	1946.....	282,254,310
1932.....	14,515,707	1937.....	43,578,769	1942.....	147,300,894	1947.....	203,101,031
1933.....	15,316,739	1938.....	43,538,661	1943.....	180,910,916		
1934.....	18,461,442	1939.....	62,607,663	1944.....	178,776,082		

Production and Marketing Administration. Covers service to poultry-canning plants and plants preparing eviscerated poultry for sale as such, under cooperative agreements between the Federal and State governments. Inspections are made for condition and wholesomeness and not for grade. The service is optional and is paid for by the applicants.

TABLE 568.—*Poultry, dressed: Receipts at 6 markets, by rail and truck, 1938-47*<sup>1</sup>

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	157,479	51,668	209,147	29,635	24,177	53,812			24,806
1939.....	156,148	76,771	232,919	29,618	50,570	80,188	<sup>2</sup> 24,813	<sup>2</sup> 352	25,165
1940.....	148,138	100,034	248,172	41,253	62,331	103,584	28,718	5,456	34,174
1941.....	114,395	119,419	233,814	36,047	65,715	101,762	27,885	6,260	34,145
1942.....	115,667	137,424	253,091	46,556	54,925	101,481	24,820	6,229	31,049
1943.....	129,851	81,318	211,169	38,503	37,863	76,366	20,647	2,303	22,950
1944.....	180,019	92,459	272,478	47,894	34,408	82,302	26,235	2,513	28,748
1945.....	212,531	83,468	295,999	90,922	29,431	120,353	30,944	4,231	35,175
1946.....	188,939	121,916	310,855	83,897	43,525	127,422	38,759	7,743	46,502
1947.....	140,475	149,284	289,759	49,985	43,877	93,862	32,387	9,713	42,100
	Boston			San Francisco			Los Angeles		
1938.....	45,236	4,907	50,143			12,839			9,892
1939.....	48,885	8,281	57,166			12,396			13,717
1940.....	55,817	12,319	68,136	<sup>2</sup> 5,433	<sup>2</sup> 8,327	13,760			17,763
1941.....	55,993	13,110	69,103	6,434	8,149	15,583	<sup>2</sup> 10,098	<sup>2</sup> 9,637	19,735
1942.....	53,550	11,944	65,494	18,898	9,520	28,418	17,686	10,433	28,119
1943.....	41,026	6,734	47,760	15,109	7,024	22,133	18,056	8,329	26,385
1944.....	42,502	10,726	53,228	25,749	11,074	36,823	15,439	11,899	27,338
1945.....	45,909	7,455	53,364	16,747	11,357	28,104	19,263	5,597	24,860
1946.....	57,575	12,225	69,800	18,931	11,407	30,338	16,001	4,393	20,394
1947.....	45,220	17,389	62,609	12,031	10,371	22,402	13,371	6,630	20,001

<sup>1</sup> Gross weights, which include container and wrappings. Includes intermarket shipments.

<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 569.—Poultry, dressed: Receipts at 6 markets, by origin, 1946 and 1947<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Maine.....	261	2,019					4,117	4,624				
New Hampshire.....	1,044	395					3,344	4,115				
Vermont.....	141	164			28	34	831	1,174				
Massachusetts.....	2,636	2,858			33	15	58	4,674	7,449			
Rhode Island.....								147	3			
Connecticut.....	7	240						66	148			
New York.....	32,978	32,225	256	951	931	702	2,919	1,279	138	312	323	609
New Jersey.....	8,614	2,068	613	94	87	225	340	62	109	118	211	121
Pennsylvania.....	8,134	6,474	210	98	2,465	2,645	79	84			144	24
Ohio.....	3,648	2,158	432	83	1,341	1,271	523	331	48	57		
Indiana.....	6,644	3,592	1,874	1,689	528	372	1,679	956	70			
Illinois.....	20,544	12,347	5,166	3,261	2,702	3,244	6,400	6,405	665	235	287	177
Michigan.....	824	646	813	422	314	76	212	85			69	
Wisconsin.....	1,050	797	4,268	2,417	129	128	628	146				
Minnesota.....	25,103	21,107	37,336	26,501	10,046	6,647	8,304	5,269	547	272	748	748
Iowa.....	38,737	30,367	27,474	26,543	6,270	4,714	10,467	8,379	2,384	999	1,536	790
Missouri.....	11,124	10,756	5,802	3,421	2,353	2,469	2,436	1,965	1,926	842	2,034	987
North Dakota.....	3,273	1,852	4,666	2,660	1,473	628	2,428	2,001	95	69	62	35
South Dakota.....	5,394	4,504	5,935	3,633	459	108	1,109	832	206	114	164	128
Nebraska.....	18,292	16,435	6,397	3,979	4,960	4,540	6,108	4,462	5,750	3,041	3,616	4,805
Kansas.....	7,572	7,025	4,457	3,231	2,510	2,542	1,083	1,781	1,876	1,384	2,515	1,724
Delaware.....	43,301	58,693	177	595	627	595	38	136		266		36
District of Columbia.....		372			2							
Maryland.....	22,407	36,338		567	2,303	3,593	580	1,217				33
Virginia.....	7,019	4,143	44	1,747	1,409	2,264				31	54	
West Virginia.....	50	11	2			1						
North Carolina.....	265	1,068			13	13	68	35				
South Carolina.....	43	7			108	97						
Georgia.....	33	79	107	107								
Florida.....	1	51		1								
Kentucky.....	233	296	95	138	792	609	90	114				
Tennessee.....	348	1,548	90	95		72	359	36				
Alabama.....		25		68								
Mississippi.....			108	60				193				38
Arkansas.....	185	390	1,385	1,725	27	56		35	68	807		525
Louisiana.....							38	40			66	
Oklahoma.....	3,834	3,691	2,265	1,541	573	251	340	365	163	274	375	66
Texas.....	4,146	3,238	1,438	606	578	679	725	1,292	55	93	236	55
Montana.....	287	234	281	242	106	211	60	89	37		37	
Idaho.....	202	161	78	84	302	125	393	369	156	296	68	68
Wyoming.....	975	461	261	33	33	31		35				
Colorado.....	4,873	1,785	1,389	710	352	637	290	551	78	41	339	121
New Mexico.....							188				32	
Arizona.....	43	66		1							27	38
Utah.....	7,395	5,022	5,623	2,255	652	486	1,353	4,232	741	372	666	684
Nevada.....		3,700		653	13	428			38			
Washington.....	6,270		729		374		803	292	736	81	165	46
Oregon.....	5,259	4,036	2,502	1,181	860	941	3,050	1,383	2,041	1,178	614	282
California.....	7,666	6,280	5,149	2,379	761	641	3,500	1,619	12,336	11,520	6,006	7,827
Canada.....		35		29		32		101				34
Total.....	310,855	289,759	127,422	93,862	46,502	42,100	69,800	62,609	30,338	22,402	20,394	20,001

<sup>1</sup>Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.

TABLE 570.—Chickens, dressed weight: Consumption in the United States, total and per capita, 1930-47

Year	Production <sup>1</sup>			Cold storage stocks at beginning of year <sup>3</sup>	Imports	Exports	Cold storage stocks at end of year <sup>3</sup>	Consumption <sup>4</sup>	
	Farm and non-farm <sup>2</sup>	Commercial broilers	Total					Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1930	2,626		2,626	131	2	3	100	2,656	21.5
1931	2,426		2,426	100	1	3	106	2,418	19.4
1932	2,465		2,465	106	1	1	93	2,478	19.7
1933	2,572		2,572	93	( <sup>5</sup> )	2	103	2,560	20.3
1934	2,307	85	2,392	103	1	2	110	2,384	18.8
1935	2,189	103	2,292	110	1	2	87	2,319	18.1
1936	2,258	134	2,392	87	2	1	148	2,332	18.1
1937	2,101	172	2,273	148	5	2	92	2,332	18.0
1938	2,003	211	2,214	92	2	2	110	2,196	16.8
1939	2,188	270	2,458	110	1	3	109	2,457	18.7
1940	2,149	365	2,514	109	2	2	140	2,483	18.7
1941	2,296	493	2,789	140	2	3	161	2,715	20.5
1942	2,648	593	3,241	161	3	24	149	3,097	23.4
1943	3,402	733	4,135	149	2	1	187	3,959	30.6
1944	3,183	696	3,879	187	22	8	193	3,467	26.8
1945	3,251	919	4,170	193	22	16	301	3,742	28.9
1946	2,868	729	3,597	301	2	81	134	3,542	25.5
1947 <sup>6</sup>	2,710	748	3,458	184	12	20	226	3,351	23.4

<sup>1</sup> 88 percent of live weight.<sup>2</sup> Consumption on farms and sales, plus 10 percent of same to allow for nonfarm production.<sup>3</sup> Total poultry, less turkeys and ducks when reported separately.<sup>4</sup> Beginning 1941 consumption figures apply only to civilian population.<sup>5</sup> Less than 500,000 pounds.<sup>6</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 571.—Poultry, dressed: Wholesale price per pound, New York City, 1938-47

Year	Fowl, fresh dressed or frozen, fancy, box-packed			Young chickens, fresh-dressed, fancy, in barrels, predominantly from Delaware and Maryland				Young chickens, fresh-dressed and frozen, fancy, box-packed			
	36-42 pounds per dozen	48-54 pounds per dozen	60-65 pounds per dozen	Average weight per chicken				25-30 pounds per dozen	36-42 pounds per dozen	48-54 pounds per dozen	60-65 pounds per dozen
				2 pounds	3 pounds	4 pounds	5 pounds				
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1938	20.0	22.5	24.0	24.2	22.4	25.2	27.5	23.6	22.9	25.4	27.7
1939	17.5	19.2	20.6	21.4	19.9	22.2	24.2	20.6	19.4	21.1	22.6
1940	16.9	19.2	20.4	21.7	20.4	23.3	25.5	21.2	20.4	22.6	23.9
1941	20.7	23.1	24.4	22.9	22.0	24.1	26.7	22.6	21.9	24.2	26.0
1942	24.9	27.9	28.3	28.2	27.5	30.1	32.8	27.4	28.0	30.7	32.5
1943	31.8	32.7	32.7	35.8	36.2	37.2	37.8	35.8	36.3	37.5	38.8
1944	33.6	33.8	33.8	37.8	37.4	37.5	37.5	37.8	37.7	37.8	37.8
1945	34.0	34.8	34.8	38.1	37.4	38.7	39.3	38.8	37.9	39.0	39.1
1946	32.4	36.8	37.4	39.6	39.2	42.1	39.5	40.5	39.5	43.0	43.8
1947	30.1	36.1	38.7	40.2	38.1	40.4	45.6	36.5	35.9	40.1	45.0

Production and Marketing Administration. Unweighted average annual prices compiled from quotations in the Producers' Price Current, Uner-Barry Publishing Co., New York City. Represents sales made by wholesalers to jobbers and retailers. Figures in italics are averages for less than 12 months.

TABLE 572.—*Chickens and turkeys officially tested for pullorum disease, number and percentage of reactors, 1933-47*

Year beginning July—	Chicken tests				Turkey tests			
	States reporting	Chickens tested (first test)	Reactors		States reporting	Turkeys tested (first test)	Reactors	
	Number	Number	Number	Percent	Number	Number	Number	Percent
1938	45	8,915,970	291,104	3.26	22	126,359	2,516	2.00
1939	47	11,184,460	345,389	3.09	26	315,394	7,676	2.43
1940	47	12,229,138	349,827	2.86	29	332,584	3,840	1.20
1941	47	16,859,592	446,688	2.65	30	279,007	2,553	0.92
1942	47	18,469,256	443,080	2.40	29	526,200	8,578	1.63
1943	47	23,817,732	547,039	2.30	35	982,269	19,609	2.00
1944	47	21,098,026	422,900	2.00	38	1,839,143	34,242	1.86
1945	47	27,003,930	495,644	1.84	42	2,794,979	40,488	1.45
1946	47	30,095,032	542,704	1.80	42	2,028,201	24,836	1.22
1947	47	29,912,918	353,975	1.18	40	1,257,368	9,469	0.75

Bureau of Animal Industry. Data for 1920-37 in Agricultural Statistics, 1945, table 520.

TABLE 573.—*Chickens: Number in specified countries, average 1934-38, annual 1946 and 1947*

Continent and country	Month of estimate <sup>1</sup>	Average 1934-38	1946	1947
		Thousands	Thousands	Thousands
<b>North America:</b>				
Canada	Dec. 1 <sup>1</sup>	44,077	51,697	54,702
Guatemala		<sup>2</sup> 664		
Mexico	March	<sup>3</sup> 36,368		
Panama		<sup>2</sup> 195		
United States	Jan. 1	408,177	530,203	474,441
Cuba	July		10,500	9,000
Dominican Republic		2,358	1,906	1,900
<b>Europe:</b>				
Albania		2,060	1,800	
Austria	Dec. 3 <sup>1</sup>	<sup>2</sup> 8,862	3,936	4,068
Belgium	Dec. 31 <sup>1</sup>	<sup>2</sup> 26,885	11,111	13,333
Bulgaria	Dec. 31 <sup>1</sup>	<sup>4</sup> 11,814		
Czechoslovakia	July 1	<sup>2</sup> 31,875		
Denmark	July	<sup>2</sup> 27,643	18,388	19,271
Eire	June	15,961	15,263	14,537
Finland <sup>5</sup>	Sept. 1	2,853	<sup>6</sup> 1,167	<sup>6</sup> 1,446
France <sup>7</sup>	Fall <sup>1</sup>	145,000		144,500
Germany	Dec. 1	86,624	<sup>8</sup> 39,018	
Greece <sup>9</sup>	Nov. 30 <sup>1</sup>	11,679	8,200	7,500
Hungary	Feb. 28	<sup>4</sup> 17,880	<sup>10</sup> 16,000	
Italy		76,000	60,000	65,000
Luxembourg	Dec. 1 <sup>1</sup>	<sup>2</sup> 515	280	300
Netherlands	June	29,632	10,915	14,209
Norway	Apr. 15	3,486	1,650	2,200
Poland and Danzig	July	50,000	20,000	40,000
Portugal	Dec. 31 <sup>1</sup>	<sup>11</sup> 5,716		
Rumania		<sup>2</sup> 31,853	<sup>12</sup> 10,939	
Spain	July 1	<sup>13</sup> 28,972	<sup>14</sup> 22,468	
Sweden	Sept. 16	10,980	<sup>14</sup> 11,353	<sup>14</sup> 13,093
Switzerland	April	5,544	5,043	5,025
United Kingdom—Farm	June	73,402	60,576	64,880
Total	June		76,393	81,526
Yugoslavia	Dec. 31 <sup>1</sup>	18,021		

See footnotes at end of table.

TABLE 573.—Chickens: Number in specified countries, average 1934-38, annual 1946 and 1947—Continued

Continent and country	Month of estimate <sup>1</sup>	Average 1934-38	1946	1947
		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Asia:				
Lebanon.....	Dec. <sup>1</sup>		1,400	1,450
Palestine.....		<sup>2</sup> 1,914		
Syria.....		<sup>2</sup> 1,525	2,029	1,826
Turkey.....		16,794	18,422	18,777
China.....			184,984	
Japan.....	July	51,094	19,000	
Philippine Islands.....		41,524		
South America:				
Argentina.....	June	<sup>15</sup> 42,988		
Brazil.....		<sup>16</sup> 59,000		
Chile.....	June	<sup>2</sup> 1,026		
Paraguay.....				2,000
Uruguay.....		<sup>15</sup> 4,814		
Africa:				
Egypt.....	July	<sup>11</sup> 26,889		
French Morocco.....		<sup>2</sup> 50,000		
Union of South Africa.....	Aug.	<sup>18</sup> 14,000	18,600	16,000
Oceania:				
Australia.....	Dec. 31 <sup>1</sup>	15,541	15,000	
New Zealand.....	Mar.	<sup>11</sup> 3,489		

<sup>1</sup> End of year estimates (October to December) included under the following year for comparisons. Thus, for Canada the Dec. 1, 1945 estimate of 51,697,000 is shown under 1946. Relates to numbers on farms in Canada and the United States, but data for many countries not explicit on this point.

<sup>2</sup> Average for 2 to 4 years only.

<sup>3</sup> 1940.

<sup>4</sup> 1935.

<sup>5</sup> Adult poultry.

<sup>6</sup> 1946 and 1947 are March 1 figures.

<sup>7</sup> 1938 represents chickens raised.

<sup>8</sup> Four zones only. In December 1937, there were 69,582,000 chickens in the territory presently covered by the 4 zones.

<sup>9</sup> All poultry.

<sup>10</sup> September.

<sup>11</sup> 1936.

<sup>12</sup> 58 counties instead of 71.

<sup>13</sup> 1939.

<sup>14</sup> April.

<sup>15</sup> 1937.

<sup>16</sup> 1938.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of United States foreign service officers, results of office research, and other information. Data relate to prewar boundaries, unless otherwise noted.

TABLE 574.—*Turkeys: Number on farms Jan. 1 and value, United States, 1930-48*

Year	Turkeys		Value per head	Total value	Year	Turkeys		Value per head	Total value
	Breeder hens	Total				Breeder hens	Total		
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dol.</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dol.</i>
1930		5,969	3.00	17,918	1940	4,607	8,569	2.14	18,312
1931		5,318	2.60	13,806	1941	3,864	7,193	2.26	16,279
1932		5,946	2.43	14,471	1942	4,003	7,485	3.08	23,036
1933		6,852	1.41	9,672	1943	3,984	6,600	4.47	29,515
1934		6,309	1.48	9,309	1944	4,294	7,429	5.33	39,623
1935		5,499	2.18	11,982	1945	4,606	7,203	5.78	41,601
1936		5,731	2.82	16,170	1946	5,241	8,493	5.75	48,798
1937	3,481	6,358	2.06	13,106	1947	4,222	6,650	6.47	43,016
1938	3,222	6,096	2.49	15,154	1948 <sup>1</sup>	2,849	4,507	6.88	30,989
1939	3,914	6,489	2.56	16,615					

<sup>1</sup> Preliminary.

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TABLE 575.—*Turkeys: Summary of participation in the National Turkey Improvement Plan, 1943-47*

Year beginning July—	States participating	Hatcheries		Supply flocks			United States Record of Performance and Register of Merit <sup>2</sup>		
		Number	Egg capacity <sup>1</sup>	Flocks	Birds	Average number of birds per flocks	Breeders	Single-tom matings	Candidates trapped
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>		<i>Number</i>	<i>Number</i>	<i>Number</i>
1943	8	13	362,880	347	56,114	162	3	9	134
1944	26	233	13,063,165	1,657	755,712	456	27	157	2,002
1945	30	505	18,952,221	4,317	2,342,133	543	37	266	3,387
1946	45	735	30,426,292	3,841	1,859,830	484	51	432	5,538
1947	45	675	26,652,866	2,117	1,095,938	518	66	742	9,527

<sup>1</sup> Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays. In most instances the data are for turkey-egg capacity only, but in some cases the combined capacity for both chicken and turkey eggs is included.

<sup>2</sup> For U. S. Record of Performance and U. S. Register of Merit, the trap-nest period covers 8 consecutive weeks for each candidate during the winter or early spring. The National Turkey Improvement Plan became operative on Sept. 25, 1943.

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TABLE 576.—*Turkeys: Number on farms Jan. 1, value per head, and total value, by States, average 1937-46, annual 1947 and 1948*

State and division	Turkeys <sup>1</sup>			Value per head			Total value		
	Average 1937-46	1947	1948	Average 1937-46	1947	1948	Average 1937-46	1947	1948
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	10	12	8	3.82	7.00	7.40	41	84	59
New Hampshire.....	12	15	14	4.27	7.50	8.30	54	112	116
Vermont.....	26	35	20	4.20	7.70	8.30	109	270	166
Massachusetts.....	56	66	60	4.55	7.50	8.20	270	495	492
Rhode Island.....	5	5	4	4.56	7.80	8.30	25	39	33
Connecticut.....	27	39	30	4.52	7.80	8.30	131	304	249
New York.....	77	237	133	4.36	8.00	8.50	362	1,896	1,130
New Jersey.....	37	65	66	4.82	7.80	8.50	196	507	561
Pennsylvania.....	144	229	151	4.46	7.40	8.20	663	1,695	1,238
North Atlantic.....	394	703	486	4.45	7.68	8.32	1,850	5,402	4,044
Ohio.....	121	224	101	3.73	7.40	7.40	481	1,658	747
Indiana.....	84	110	70	3.57	6.40	7.00	301	704	490
Illinois.....	122	135	122	3.58	6.60	7.10	466	891	866
Michigan.....	101	152	106	3.68	6.00	6.80	385	912	721
Wisconsin.....	94	119	83	3.72	7.50	7.90	367	892	656
East North Central.....	522	740	482	3.65	6.83	7.22	2,000	5,057	3,480
Minnesota.....	409	362	181	3.40	6.30	6.20	1,427	2,281	1,122
Iowa.....	250	300	171	3.43	6.40	6.50	848	1,920	1,112
Missouri.....	317	400	260	3.23	5.50	6.20	1,082	2,200	1,612
North Dakota.....	261	79	40	3.16	5.60	5.90	737	442	236
South Dakota.....	230	72	40	2.98	5.10	5.10	618	367	204
Nebraska.....	167	146	80	3.04	6.00	6.50	489	876	520
Kansas.....	198	188	94	2.96	5.80	6.00	555	1,090	564
West North Central.....	1,832	1,547	866	3.22	5.93	6.20	5,756	9,176	5,370
Delaware.....	24	20	17	4.52	7.00	8.00	104	140	136
Maryland.....	78	71	59	4.45	7.00	8.00	339	497	472
Virginia.....	161	251	146	3.67	6.50	7.00	598	1,632	1,022
West Virginia.....	44	49	39	3.54	7.00	7.00	148	343	273
North Carolina.....	58	56	50	3.48	5.80	6.60	193	325	336
South Carolina.....	70	87	75	3.56	7.00	7.00	263	609	525
Georgia.....	48	55	41	3.43	6.30	6.50	158	346	266
Florida.....	39	30	24	3.59	6.90	6.90	135	207	166
South Atlantic.....	522	619	451	3.75	6.62	7.07	1,939	4,099	3,190
Kentucky.....	81	54	38	3.11	5.40	6.40	230	292	243
Tennessee.....	48	29	22	3.04	5.30	5.30	136	154	117
Alabama.....	55	48	43	3.32	6.90	6.70	180	331	288
Mississippi.....	60	35	30	3.14	5.60	5.60	186	196	168
Arkansas.....	48	46	39	3.09	5.90	6.10	153	271	238
Louisiana.....	29	17	17	3.55	6.20	6.50	93	105	110
Oklahoma.....	256	130	91	2.68	4.80	5.20	588	624	473
Texas.....	905	786	700	2.86	4.90	5.30	2,530	3,851	3,710
South Central.....	1,483	1,145	980	2.90	5.09	5.46	4,095	5,824	5,347
Montana.....	45	25	15	3.62	7.00	7.50	141	175	112
Idaho.....	54	62	43	3.70	6.80	8.20	198	422	353
Wyoming.....	51	40	22	3.58	7.00	7.00	171	280	154
Colorado.....	182	104	73	3.36	6.40	6.90	583	666	504
New Mexico.....	26	30	18	3.04	5.80	6.40	79	174	115
Arizona.....	20	20	12	4.02	6.50	6.90	78	130	83
Utah.....	178	77	37	4.06	6.80	8.00	933	524	296
Nevada.....	14	10	7	4.40	7.00	8.00	58	70	56
Washington.....	208	293	234	4.19	7.30	7.90	1,011	2,139	1,849
Oregon.....	484	458	229	4.06	7.00	7.80	2,243	3,206	1,786
California.....	1,179	777	552	4.24	7.30	7.70	5,069	5,672	4,250
Western.....	2,440	1,896	1,242	4.07	7.10	7.70	10,563	13,458	9,558
United States.....	7,192	6,650	4,507	3.69	6.47	6.88	26,204	43,016	30,989

<sup>1</sup> Birds remaining for market and breeding stock on Jan. 1.

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TABLE 577.—Turkeys: Farm production, disposition, cash receipts, and gross income, United States, 1930-47

Year	Number				Con- sumed <sup>5</sup>	Sold	Pounds			Farm price per pound	Value of turkeys re- ceipts (sales)	Value of turkeys con- sumed <sup>6</sup>	Gross income <sup>7</sup> dollars	
	Raised <sup>1</sup>	Loss of mature birds <sup>2</sup>	Pro- duced <sup>3</sup>	Change in inventory <sup>4</sup>			Pro- duced	Con- sumed <sup>5</sup>	Sold					
				Increase										Decrease
1930	Thou- sands 17,419	Thou- sands 367	Thou- sands 17,052	Thou- sands 651	Thou- sands 1,704	Thou- sands 15,999	1,000 pounds 228,497	1,000 pounds 214,186	Cents 20.0	1,000 dollars 46,323	1,000 dollars 4,901	1,000 dollars 51,224		
1931	18,249	326	17,923	628	1,549	15,746	243,753	214,374	19.1	41,590	4,025	45,615		
1932	22,333	369	21,964	906	1,665	19,393	303,103	267,603	12.7	37,946	3,251	41,197		
1933	23,241	428	22,813	543	1,623	21,733	319,231	22,585	11.6	37,584	2,624	38,412		
1934	21,702	392	21,310	810	1,505	20,615	299,597	20,973	15.1	43,622	2,984	45,082		
1935	20,821	334	20,487	232	1,428	18,827	297,960	20,462	20.1	57,002	3,812	56,224		
1936	27,981	339	27,642	627	1,485	25,530	405,418	21,413	18.6	66,663	3,437	64,070		
1937	25,755	364	25,391	261	1,425	24,227	375,828	20,733	15.1	63,406	3,527	66,833		
1938	26,887	340	26,547	395	1,291	24,861	395,017	18,811	17.5	70,477	3,261	69,453		
1939	33,587	386	33,201	2,083	1,297	29,821	494,019	17,140	15.7	70,715	2,609	73,624		
1940	34,047	475	33,572	1,376	1,170	33,778	505,527	15,427	19.9	78,245	2,598	80,843		
1941	32,902	405	32,497	885	1,096	31,209	516,527	12,981	19.9	77,738	3,029	80,408		
1942	32,805	446	32,359	292	747	32,420	523,899	11,694	27.5	144,332	3,497	148,257		
1943	32,300	455	31,854	829	747	30,278	510,575	11,694	168,982	144,760	3,811	163,555		
1944	35,616	446	35,170	226	647	34,749	691,942	10,434	34.0	186,971	3,564	202,235		
1945	44,221	430	43,791	1,290	711	41,790	762,457	11,898	33.6	236,720	4,054	249,029		
1946	40,724	433	40,291	1,843	744	41,390	720,177	12,782	36.2	261,694	4,083	273,724		
1947	35,117	322	34,795	2,143	743	36,195	629,162	12,894	36.3	228,562	4,692	242,733		

<sup>1</sup> Total poult hatched, less death loss of poults and young turkeys during the year.  
<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.  
<sup>3</sup> Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.  
<sup>4</sup> Change in Jan. 1 inventory numbers during the year.  
<sup>5</sup> Turkeys consumed in households of farm producers.  
<sup>6</sup> Value of sales, plus value of those consumed in households of producers.  
<sup>7</sup> Preliminary.  
 Bureau of Agricultural Economics.

TABLE 578.—Turkeys: Farm production, disposition, cash receipts, and gross income, by States, 1946

State and division	Number				Average weight per bird sold	Pounds			Farm price per pound	Value of turkeys produced	Cash receipts (sales)	Value of turkeys consumed	Gross income *	
	Raised †	Loss of matured birds ‡	Produced §	Change in inventory ¶		Sold	Consumed †	Sold						
				Increase										Decrease
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		
North Atlantic														
Maine.....	51	1	50	3	16.4	52	16	853	41.4	339	7	360		
New Hampshire.....	75	1	74	5	17.4	78	17	1,357	44.6	574	8	613		
Vermont.....	174	1	173	2	17.2	169	34	2,907	42.6	1,267	14	1,252		
Massachusetts.....	333	3	330	23	16.6	347	100	5,760	46.3	2,667	46	2,713		
Rhode Island.....	33	0	33	2	16.5	34	16	544	47.0	256	8	272		
Connecticut.....	212	2	210	9	17.6	215	70	3,784	48.5	1,793	34	1,869		
New York.....	756	5	751	68	16.6	671	199	11,139	48.0	5,347	96	5,443		
New Jersey.....	405	3	402	13	16.7	406	150	6,780	47.0	3,155	70	3,257		
Pennsylvania.....	1,431	7	1,424	30	17.1	1,375	325	23,512	45.3	11,031	147	10,798		
	3,470	23	3,447	45	16.9	3,347	927	56,653	46.2	26,935	430	26,577		
Ohio.....														
Indiana.....	1,155	14	1,141	25	17.1	1,152	239	19,699	36.1	7,111	86	7,197		
Illinois.....	1,081	6	1,075	10	17.1	1,065	171	18,212	35.9	6,599	61	6,599		
Michigan.....	1,152	14	1,138	55	17.7	1,186	124	20,992	36.9	7,746	46	7,792		
Wisconsin.....	932	7	925	38	16.7	951	200	15,882	36.7	5,829	73	5,902		
	614	7	607	6	18.3	606	128	11,090	38.0	4,221	49	4,263		
East North Central														
Minnesota.....	4,934	48	4,886	124	17.3	4,960	862	85,875	36.6	30,964	315	31,753		
Iowa.....	3,208	27	3,181	195	17.8	3,166	374	74,155	37.9	26,031	142	26,247		
Missouri.....	1,746	17	1,729	69	18.4	1,724	288	57,482	37.2	21,910	57	21,438		
North Dakota.....	926	5	919	71	18.0	912	14	10,488	33.7	10,488	97	10,410		
South Dakota.....	421	5	416	20	16.7	406	14	14,063	33.9	5,303	243	5,315		
Nebraska.....	970	10	960	18	16.4	948	377	6,741	34.0	2,319	128	2,420		
Kansas.....	896	14	882	18	17.6	864	319	16,685	35.4	5,981	75	5,981		
	896	14	882	18	17.7	864	319	15,612	34.2	5,359	109	5,359		
West North Central														
	12,186	87	12,099	235	17.8	12,193	2,434	217,430	36.2	78,171	849	79,659		

Delaware.....	91	4	90	4	2	17.5	1,575	35	1,610	40.3	635	649	14	663
Maryland.....	466	11	462	50	14	17.5	8,085	245	8,050	42.8	3,460	3,445	105	3,550
Virginia.....	1,331	3	1,320	7	22	17.4	22,968	383	21,715	37.6	8,636	8,165	144	8,309
West Virginia.....	437	5	434	5	5	15.8	6,858	79	6,668	40.8	2,798	2,721	32	2,753
North Carolina.....	421	16	395	5	16	16.6	7,004	238	6,936	41.5	2,907	2,688	109	2,797
South Carolina.....	420	8	412	10	14	17.0	7,004	238	6,936	41.5	2,907	2,878	99	2,977
Georgia.....	182	3	179	11	14	15.4	2,900	227	2,495	42.2	1,224	1,053	96	1,149
Florida.....	115	4	111	5	11	16.0	2,900	227	2,495	42.2	1,224	1,053	96	1,149
South Atlantic.....	3,463	39	3,424	42	98	16.9	57,991	1,638	55,606	40.2	23,305	22,369	680	23,049
Kentucky.....	220	5	215	6	10	16.4	3,596	164	3,460	34.1	1,202	1,180	56	1,236
Tennessee.....	175	3	172	6	7	15.8	2,718	111	2,702	36.6	995	989	41	1,030
Alabama.....	151	8	146	11	25	15.5	2,204	388	1,876	41.7	944	782	162	944
Mississippi.....	85	8	77	11	20	16.8	1,171	304	1,034	40.6	475	420	123	543
Arkansas.....	129	6	123	5	6	15.2	1,869	91	1,854	34.0	635	661	31	661
Louisiana.....	48	3	45	1	10	15.3	9,746	153	9,394	42.2	291	253	65	298
Oklahoma.....	652	15	637	15	23	15.3	6,746	352	6,394	33.1	3,226	3,109	117	3,226
Texas.....	4,231	93	4,138	173	114	16.2	97,035	1,847	67,991	31.5	21,116	21,417	582	21,999
South Central.....	5,691	138	5,553	202	215	16.0	89,018	3,410	88,862	32.4	28,884	28,760	1,177	29,937
Montana.....	170	1	169	4	19	16.6	2,805	315	2,424	40.0	1,122	970	126	1,096
Idaho.....	239	4	235	8	4	17.0	3,995	68	3,791	35.3	1,410	1,338	24	1,362
Wyoming.....	156	1	155	1	6	16.8	2,604	101	2,503	38.9	1,013	974	39	1,013
Colorado.....	900	11	889	44	20	17.6	15,647	352	16,069	38.9	6,087	6,251	137	6,388
New Mexico.....	88	3	85	1	10	16.2	1,377	162	1,199	35.0	482	490	57	477
Arizona.....	87	2	85	1	10	17.8	1,513	178	1,442	35.7	540	515	64	579
Utah.....	1,332	2	1,330	283	7	20.2	26,828	141	32,441	36.0	9,671	11,679	51	11,730
Nevada.....	46	0	46	7	3	18.0	6,828	54	6,900	37.5	310	338	20	358
Washington.....	1,303	7	1,296	126	16	20.4	26,438	326	28,682	33.8	8,936	9,695	110	9,805
Oregon.....	2,049	22	2,027	305	22	19.4	39,324	427	44,814	31.5	12,387	14,116	135	14,251
California.....	4,610	45	4,565	611	68	20.4	93,126	1,387	104,203	33.8	31,477	35,221	469	35,690
Western.....	10,980	98	10,882	1,369	185	19.8	214,522	3,511	238,468	34.2	73,435	81,517	1,232	82,749
United States.....	40,724	433	40,291	1,843	744	17.9	720,177	12,752	742,894	36.2	261,694	269,041	4,683	273,724

<sup>1</sup> Total poult hatched, less death loss of poult and young turkeys during the year.  
<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.  
<sup>3</sup> Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.

<sup>4</sup> Change in Jan. 1 inventory numbers during the year.  
<sup>5</sup> Turkeys consumed in households of farm producers.  
<sup>6</sup> Value of sales, plus value of those consumed in households of producers.  
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TABLE 579.—Turkeys: Farm production, disposition, cash receipts, and gross income, by States, 1947

State and division	Number				Average weight per bird sold	Pounds			Farm price per pound produced	Value of turkeys produced	Cash receipts (sales)	Value of turkeys consumed	Gross income
	Raised <sup>1</sup>	Loss of matured birds <sup>2</sup>	Change in inventory <sup>4</sup>			Produced	Consumed <sup>5</sup>	Sold					
			Increase	Decrease									
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine	50	1	49	52	17.8	873	18	38.8	339	359	7	366	
New Hampshire	73	1	72	71	17.3	1,246	2	35	531	523	15	538	
Vermont	137	1	136	149	17.2	2,339	2	42.6	1,003	1,100	15	1,115	
Massachusetts	316	2	314	313	17.1	5,369	7	43.2	2,319	2,312	52	2,364	
Rhode Island	33	0	33	33	17.0	5,561	1	43.2	240	240	7	247	
Connecticut	178	2	176	181	17.2	3,027	4	43.4	1,314	1,351	30	1,381	
New York	741	9	732	820	16.8	12,298	16	44.0	5,411	6,061	118	6,179	
New Jersey	364	2	362	353	16.9	6,118	135	46.4	2,839	2,768	63	2,831	
Pennsylvania	1,317	7	1,310	1,368	16.9	22,139	20	45.0	9,963	10,404	152	10,556	
North Atlantic	3,209	25	3,184	3,340	16.9	53,970	61	44.4	23,959	25,118	459	25,577	
Ohio	1,213	12	1,201	1,311	17.1	20,537	13	37.9	7,784	8,496	84	8,580	
Indiana	919	7	912	943	17.7	16,142	159	36.8	5,940	6,142	59	6,201	
Illinois	1,129	11	1,118	1,124	17.9	20,012	7	37.2	7,444	7,485	46	7,531	
Michigan	867	7	860	891	16.7	14,362	250	37.7	5,414	5,610	94	5,704	
Wisconsin	491	5	486	514	18.4	8,943	147	38.6	3,452	3,651	57	3,708	
East North Central	4,619	42	4,577	4,783	17.5	79,996	903	37.6	30,084	31,384	340	31,724	
Minnesota	3,637	14	3,623	3,683	17.8	62,709	374	36.7	23,014	24,059	137	24,196	
Iowa	2,866	6	2,860	2,918	19.2	49,152	115	36.5	17,940	18,803	42	18,845	
Missouri	1,310	15	1,295	1,418	18.6	24,087	318	32.9	7,995	8,677	104	8,781	
North Dakota	533	6	527	526	16.4	13,562	656	31.5	4,272	4,267	207	4,474	
South Dakota	295	3	292	295	16.6	4,881	481	31.8	1,541	1,557	153	1,710	
Nebraska	873	7	866	919	18.8	16,280	244	34.8	5,065	6,012	85	6,097	
Kansas	663	10	653	729	18.6	12,146	335	33.6	4,081	4,586	113	4,699	
West North Central	10,077	61	10,016	10,553	18.3	182,783	2,521	35.2	64,438	67,931	841	68,772	

TURKEYS

State/Region	1	2	68	18.0	1,206	36	1,224	42.1	508	2,885	515	15	530
Delaware	1	67	68	18.0	1,206	36	1,224	42.1	508	2,885	515	15	530
Maryland	3	393	390	18.0	7,074	270	7,020	41.1	2,907	7,862	2,885	111	2,996
Virginia	1,123	1,204	1,204	16.7	18,754	401	20,107	39.1	7,333	7,862	2,885	157	8,016
West Virginia	8	395	399	15.2	6,004	91	6,065	41.4	2,486	2,511	2,486	38	2,548
North Carolina	3	376	368	16.6	6,241	232	6,109	39.1	2,486	2,380	2,486	91	2,480
South Carolina	7	350	346	17.2	6,020	275	5,951	41.3	2,446	2,438	2,446	114	2,572
Georgia	2	180	179	17.1	3,078	256	3,061	42.0	1,293	1,280	1,280	108	1,394
Florida	3	106	101	16.0	1,686	176	1,616	50.0	1,848	1,808	1,808	88	1,896
South Atlantic	30	2,990	3,055	16.7	50,073	1,737	51,153	40.5	20,301	20,714	20,714	722	21,436
Kentucky	5	160	165	16.7	2,673	184	2,756	36.1	965	985	985	66	1,061
Tennessee	3	137	130	13.8	2,164	156	2,149	35.2	762	756	756	44	800
Alabama	5	122	107	16.0	1,952	320	1,712	40.1	783	687	687	128	815
Mississippi	7	67	51	15.4	1,651	323	1,785	41.3	426	324	324	133	457
Arkansas	4	68	70	15.7	1,067	78	1,099	31.4	335	334	334	24	369
Louisiana	51	49	41	15.1	740	121	619	45.7	338	338	338	55	338
Oklahoma	2	508	525	16.4	8,331	361	8,610	33.6	2,799	2,893	2,893	121	3,014
Texas	64	3,617	3,574	16.6	60,041	2,141	59,328	31.5	18,913	18,688	18,688	674	19,362
South Central	103	4,728	4,669	16.5	77,999	3,654	77,058	32.4	25,321	24,971	24,971	1,245	23,216
Montana	2	117	112	16.8	1,966	252	1,882	41.4	814	779	779	104	883
Idaho	4	199	212	17.8	3,543	107	3,774	38.9	1,378	1,468	1,468	42	1,510
Wyoming	1	130	143	17.2	2,236	86	2,460	39.2	877	964	964	34	998
Colorado	9	801	814	17.5	14,018	315	14,245	35.7	5,004	5,085	5,085	112	5,197
New Mexico	2	92	95	17.8	1,637	160	1,691	35.3	578	597	597	56	653
Arizona	2	69	67	18.0	1,242	180	1,206	36.1	448	448	448	65	500
Utah	2	1,077	1,111	20.3	21,863	122	22,553	37.0	8,089	8,345	8,345	45	8,390
Nevada	0	37	38	19.7	739	39	749	38.1	278	285	285	15	300
Washington	6	1,115	1,161	19.8	22,077	257	22,988	34.6	7,639	7,954	7,954	89	8,043
Oregon	11	1,628	1,638	19.6	31,909	372	36,025	34.4	10,977	12,393	12,393	128	12,521
California	22	4,085	4,204	20.6	83,121	1,154	86,602	34.2	28,427	29,618	29,618	395	30,013
Western	61	9,300	9,795	19.8	184,341	3,044	194,175	35.0	64,509	67,923	67,923	1,085	69,008
United States	322	34,795	36,195	18.1	629,162	12,894	655,282	36.3	228,562	238,041	238,041	4,692	242,733

<sup>1</sup> Total poult hatched, less death loss of poult and young turkeys during the year.

<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.

<sup>3</sup> Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.

<sup>4</sup> Change in Jan. 1 inventory numbers during the year.

<sup>5</sup> Turkeys consumed in households of farm producers.

<sup>6</sup> Value of sales, plus value of those consumed in households of producers.

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TABLE 580.—*Turkeys: Average live weight of birds sold, United States, 1930-47*

Year	Hens	Toms	All	Year	Hens	Toms	All
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1930.....			13.4	1939.....	11.9	17.9	14.9
1931.....			13.6	1940.....	12.1	18.1	15.1
1932.....			13.8	1941.....	12.7	19.1	15.9
1933.....			14.0	1942.....	13.0	19.6	16.3
1934.....			14.1	1943.....	12.9	19.5	16.2
1935.....			14.5	1944.....	13.2	20.4	16.8
1936.....			14.7	1945.....	13.5	21.4	17.4
1937.....			14.8	1946.....	13.8	22.0	17.9
1938.....			14.9	1947.....	13.8	22.4	18.1

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TABLE 581.—*Turkeys, dressed weight: Consumption in the United States, total and per capita, 1930-47*

Year	Production <sup>1</sup>	Cold storage stocks at beginning of year	Imports	Cold storage stocks at end of year	Consumption <sup>2</sup>	
					Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1930.....	216	10	1	5	222	1.8
1931.....	214	5	5	10	214	1.7
1932.....	264	10	1	15	260	2.1
1933.....	298	15	( <sup>3</sup> )	16	297	2.4
1934.....	284	16	( <sup>3</sup> )	19	281	2.2
1935.....	267	19	( <sup>3</sup> )	17	269	2.1
1936.....	361	17	1	35	344	2.7
1937.....	346	35	( <sup>3</sup> )	26	355	2.7
1938.....	355	26	( <sup>3</sup> )	23	358	2.7
1939.....	422	23	( <sup>3</sup> )	52	393	3.0
1940.....	479	52	( <sup>3</sup> )	61	470	3.5
1941.....	465	61	1	50	469	3.5
1942.....	492	50	1	36	484	3.7
1943.....	457	36	3	37	430	3.3
1944.....	541	37	5	72	426	3.3
1945.....	673	72	4	108	555	4.3
1946.....	687	108	( <sup>3</sup> )	128	632	4.5
1947 <sup>4</sup> .....	608	128	2	83	645	4.5

<sup>1</sup> 91 percent of live weight. Sales, plus consumption on farms.<sup>2</sup> Does not allow for exports; data not available. Beginning 1941 consumption figures apply only to civilian population.<sup>3</sup> Less than 500,000 pounds.<sup>4</sup> Preliminary.

Bureau of Agricultural Economics.

## EGGS

TABLE 582.—Eggs: Farm production, disposition, cash receipts, and gross income, United States, 1930-47

Year	Hens and pullets		Rate of lay		Eggs			Farm price per dozen	Value of eggs produced	Cash receipts (sales)	Value of eggs consumed <sup>3</sup>	Gross income <sup>4</sup>	
	On hand Jan. 1	Average number during year	Per layer on hand Jan. 1	Per layer during year <sup>2</sup>	Total produced	Used for farm hatching	Consumed <sup>3</sup>						Sold
1930	420,451	321,893	93	121	39,067	935	7,519	30,613	1,000 dollars 768,269	605,805	1,000 dollars 144,798	750,603	
1931	401,776	303,008	96	127	38,532	909	7,995	29,628	558,682	434,314	111,758	546,072	
1932	385,826	299,055	94	121	36,298	891	7,992	27,415	422,004	324,362	87,973	412,335	
1933	390,743	299,717	91	118	35,514	855	7,406	26,737	403,425	308,576	85,740	394,315	
1934	385,341	290,678	89	118	34,429	757	7,406	25,266	483,731	372,876	100,685	473,561	
1935	350,407	276,406	96	122	33,609	665	7,205	25,739	648,136	501,551	134,283	635,834	
1936	362,619	284,885	95	121	34,534	670	7,416	25,448	622,175	480,808	129,701	610,509	
1937	379,754	288,003	99	130	37,564	518	7,884	29,162	660,370	517,418	134,164	651,582	
1938	352,964	275,918	106	135	37,356	528	8,204	28,624	624,914	485,092	131,436	616,528	
1939	376,141	289,555	103	134	38,843	513	8,238	29,424	558,155	437,386	113,707	661,093	
1940	392,655	296,595	101	134	39,695	436	8,055	31,224	588,440	467,620	114,591	701,211	
1941	381,315	300,862	110	139	41,878	431	7,652	33,795	815,369	663,014	144,247	807,261	
1942	427,911	341,639	114	142	48,597	432	7,425	40,740	1,206,904	1,017,358	179,117	1,196,475	
1943	488,959	382,986	112	142	54,539	479	7,349	46,711	1,681,951	1,445,291	222,227	1,667,518	
1944	523,587	395,792	112	148	58,530	364	7,711	50,455	1,580,547	1,365,083	205,587	1,570,671	
1945	473,890	369,356	118	151	55,858	364	7,729	47,789	1,752,137	1,500,136	240,515	1,740,651	
1946	474,233	359,003	117	155	55,500	273	8,026	47,289	1,737,640	1,478,733	250,214	1,738,947	
1947 <sup>5</sup>	435,665	330,571	127	138	53,301	240	7,828	47,233	2,082,206	1,751,937	291,169	2,073,106	

<sup>1</sup> Number of eggs produced during the year, divided by number of hens and pullets on hand Jan. 1.

<sup>2</sup> Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.

<sup>3</sup> Consumed in households of farm producers.

<sup>4</sup> Value of sales, plus value of those consumed in households of producers.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-29 in Agricultural Statistics, 1942, table 672.

TABLE 583.—Eggs: Farm production, disposition, cash receipts, and gross income, by States, 1946

State and division	Hens and pullets		Rate of lay		Eggs produced Millions	Eggs used for farm hatching Millions	Eggs consumed in farm household <sup>3</sup> Millions	Eggs sold Millions	Farm price per dozen Cents	Value of eggs produced 1,000 dollars	Cash receipts (sales) 1,000 dollars	Value of eggs consumed <sup>4</sup> 1,000 dollars	Gross income <sup>4</sup> 1,000 dollars	
	On hand Jan. 1	Thousands	Average number during year	Per layer										
				Number										Per layer during year <sup>2</sup>
Maine.....	2,566	1,861	142	196	365	1	41	323	49.9	15,178	13,431	1,705	15,186	
New Hampshire.....	2,528	1,822	140	194	354	1	22	331	49.9	14,720	13,764	915	14,679	
Vermont.....	1,143	843	150	204	172	(6)	29	143	47.5	6,808	5,660	1,148	6,808	
Massachusetts.....	6,028	4,262	141	200	852	2	44	806	50.2	35,642	33,718	1,841	35,559	
Rhode Island.....	629	469	149	200	94	(6)	7	87	50.1	3,924	3,632	292	3,924	
Connecticut.....	3,648	2,680	145	197	528	1	34	493	51.0	22,440	20,952	1,445	22,397	
New York.....	16,036	12,125	136	179	2,174	2	214	1,958	46.2	83,699	75,383	8,239	83,622	
New Jersey.....	9,613	6,476	121	179	1,162	8	48	1,106	49.3	47,739	45,438	1,972	47,410	
Pennsylvania.....	22,717	17,079	129	172	2,938	7	261	2,670	44.3	108,461	98,568	9,635	108,203	
North Atlantic.....	64,908	47,617	133	181	8,639	22	700	7,917	47.1	338,611	310,546	27,192	337,738	
Ohio.....	19,855	15,315	129	168	2,570	6	337	2,227	37.0	79,242	68,666	10,391	79,057	
Indiana.....	16,143	12,204	126	167	2,035	5	249	1,781	34.0	57,658	50,462	7,055	57,517	
Illinois.....	23,443	17,398	115	155	2,689	3	345	2,336	32.9	73,724	64,045	9,459	73,504	
Michigan.....	13,017	10,223	126	161	1,643	3	234	1,406	36.9	50,622	43,234	7,196	50,430	
Wisconsin.....	17,989	14,411	133	165	2,385	4	269	2,112	36.6	70,755	62,656	7,980	70,636	
East North Central.....	90,447	69,551	125	163	11,322	26	1,434	9,862	35.2	331,901	289,063	42,081	331,144	
Minnesota.....	29,446	23,004	138	170	4,069	5	317	3,747	33.4	113,254	104,291	8,823	113,114	
Iowa.....	35,617	27,441	124	161	4,415	8	381	4,026	32.6	119,941	109,373	10,351	119,724	
Missouri.....	24,416	17,909	113	154	2,764	16	389	2,389	32.2	74,167	64,105	9,633	73,738	
North Dakota.....	5,666	4,178	103	140	885	3	119	763	30.1	11,614	2,985	14,599	14,599	
South Dakota.....	9,349	7,143	114	149	1,066	3	116	947	30.4	27,005	23,991	2,939	26,930	
Nebraska.....	15,638	11,655	122	160	1,096	3	210	1,697	31.3	49,897	44,267	5,477	49,740	
Kansas.....	17,334	13,248	120	156	2,072	8	266	1,798	31.6	54,563	47,343	7,005	54,332	
West North Central.....	137,466	105,778	123	160	16,884	49	1,768	15,067	32.3	453,501	404,984	47,213	452,197	



	1,112	852	124	162	138	(*)	13	125	42.4	4,876	4,417	2,179	4,876	2,179	4,876
Delaware.....	1,112	852	124	162	138	2	13	125	42.4	4,876	4,417	2,179	4,876	2,179	4,876
Maryland.....	4,188	3,240	122	157	509	7	63	444	41.5	17,603	15,355	4,599	17,603	4,599	17,603
Virginia.....	10,187	7,783	117	153	1,104	3	234	953	40.1	39,900	31,846	7,820	39,900	7,820	39,900
West Virginia.....	4,233	3,079	114	157	484	7	126	955	41.8	16,859	12,366	4,380	16,859	4,380	16,859
North Carolina.....	10,531	7,772	93	126	980	11	186	973	41.6	33,973	21,771	11,821	33,973	11,821	33,973
South Carolina.....	4,657	3,199	76	126	353	8	147	198	43.2	21,708	17,123	5,292	21,708	5,292	21,708
Georgia.....	8,196	5,853	77	108	685	13	240	382	42.9	22,701	13,650	8,580	22,701	8,580	22,701
Florida.....	2,614	1,797	90	131	235	3	60	172	45.9	8,989	6,579	2,293	8,989	2,293	8,989
South Atlantic.....	45,718	33,575	99	135	4,528	47	1,224	3,257	41.7	157,009	113,118	42,835	157,009	42,835	157,009
Kentucky.....	11,761	8,582	105	143	1,290	15	337	878	34.8	35,670	25,462	9,773	35,670	9,773	35,670
Tennessee.....	11,076	8,160	95	129	1,085	15	291	749	36.2	31,826	22,935	8,779	31,826	8,779	31,826
Alabama.....	7,875	5,736	83	114	663	12	251	390	39.7	21,066	12,902	8,304	21,066	8,304	21,066
Mississippi.....	7,331	5,588	75	99	582	16	179	357	39.1	17,986	11,632	5,832	17,986	5,832	17,986
Arkansas.....	8,007	6,005	85	113	684	10	224	450	35.6	20,292	13,350	6,465	20,292	6,465	20,292
Louisiana.....	4,757	3,319	69	99	328	9	128	191	41.0	10,660	6,208	4,160	10,660	4,160	10,660
Oklahoma.....	12,571	9,224	105	143	1,319	10	259	1,046	33.3	36,491	29,026	7,187	36,491	7,187	36,491
Texas.....	31,514	23,974	98	128	3,073	22	513	2,538	34.8	89,117	73,602	14,877	89,117	14,877	89,117
South Central.....	94,892	70,648	94	126	8,890	109	2,182	6,599	35.4	263,645	194,777	65,557	263,645	65,557	263,645
Montana.....	2,033	1,531	113	150	230	1	66	163	36.9	7,072	5,012	2,030	7,072	2,030	7,072
Idaho.....	2,347	1,726	119	162	280	1	53	226	40.8	9,520	7,684	1,802	9,520	1,802	9,520
Wyoming.....	812	625	119	155	97	(*)	24	73	37.2	3,007	2,263	744	3,007	744	3,007
Colorado.....	3,824	3,029	119	150	455	2	87	366	35.1	13,309	10,706	2,545	13,309	2,545	13,309
New Mexico.....	1,253	922	102	139	128	1	39	88	39.8	4,245	2,919	1,294	4,245	1,294	4,245
Arizona.....	639	463	105	145	67	(*)	17	50	48.7	2,719	2,029	690	2,719	690	2,719
Utah.....	3,033	2,572	143	168	433	1	41	391	43.9	15,841	14,304	1,500	15,841	1,500	15,841
Nevada.....	283	253	152	170	43	(*)	7	36	45.7	1,638	1,371	267	1,638	267	1,638
Washington.....	5,424	4,316	141	177	766	3	115	648	46.0	29,363	24,840	4,408	29,363	4,408	29,363
Oregon.....	3,642	2,787	133	173	483	3	83	397	45.0	18,112	14,888	3,112	18,112	3,112	18,112
California.....	17,512	14,210	134	165	2,345	10	186	2,149	44.8	87,547	80,229	6,944	87,547	6,944	87,547
Western.....	40,802	32,434	131	164	5,327	22	718	4,587	43.5	192,373	160,245	25,336	192,373	25,336	192,373
United States.....	474,233	359,603	117	155	55,590	275	8,026	47,289	37.5	1,737,040	1,478,733	250,214	1,737,040	250,214	1,737,040

<sup>1</sup> Number of eggs produced during the year, divided by number of hens and pullets on hand Jan. 1.

<sup>2</sup> Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.

<sup>3</sup> Consumed in households of farm producers.

<sup>4</sup> Value of sales, plus value of those consumed in households of producers.

<sup>5</sup> Less than half a million.

Bureau of Agricultural Economics.

TABLE 58A.—Eggs: Farm production, disposition, cash receipts, and gross income, by States, 1947

State and division	Hens and pullets		Rate of lay		Eggs produced Millions	Eggs used for farm hatching Millions	Eggs consumed in farm house- hold <sup>3</sup> Millions	Eggs sold Millions	Farm price per dozen Cents	Value of eggs produced dollars 1,000	Cash receipts (sales) dollars 1,000	Value of eggs consumed <sup>3</sup> dollars 1,000	Gross income <sup>4</sup> dollars 1,000
	On hand Jan. 1	Average number during year	Per layer on hand Jan. 1 <sup>1</sup>	Per layer during year <sup>2</sup>									
	Thousands	Thousands	Number	Number									
Maine.....	2,254	2,037	175	192	392	2	43	347	61.4	20,057	17,755	2,200	19,955
New Hampshire.....	2,187	2,003	173	189	378	3	20	355	61.9	19,498	18,312	1,032	19,344
Vermont.....	932	822	177	201	165	(9)	26	139	60.2	8,278	6,973	1,304	8,277
Massachusetts.....	4,888	4,512	183	198	895	3	46	846	63.5	47,360	44,768	2,434	47,202
Rhode Island.....	537	492	179	195	96	(9)	6	90	62.1	4,968	4,658	310	4,968
Connecticut.....	3,169	2,885	175	192	554	1	31	522	60.9	28,116	26,492	1,573	28,065
New York.....	14,454	11,800	149	183	2,157	3	205	1,949	56.7	101,918	92,090	9,686	101,776
New Jersey.....	9,034	8,016	149	179	1,434	7	44	1,383	59.4	70,983	68,458	2,178	70,635
Pennsylvania.....	21,538	17,489	141	174	3,046	5	253	2,788	53.4	135,547	124,066	11,258	135,324
North Atlantic.....	59,573	50,056	153	182	9,117	24	674	8,419	57.5	436,725	403,572	31,975	435,547
Ohio.....	18,456	15,102	138	168	2,539	5	327	2,207	46.5	98,386	85,521	12,671	98,192
Indiana.....	15,451	12,825	139	167	2,145	4	247	1,894	41.4	74,002	65,343	8,522	73,865
Illinois.....	21,755	17,304	123	155	2,684	6	335	2,343	40.0	89,467	78,100	11,167	89,267
Michigan.....	11,737	9,762	136	163	1,596	2	225	1,369	46.4	61,712	52,935	8,700	61,635
Wisconsin.....	17,270	14,806	143	166	2,461	3	269	2,189	43.8	89,826	79,898	9,818	89,716
East North Central.....	84,669	69,799	135	164	11,425	20	1,403	10,002	43.4	413,393	361,797	50,878	412,675
Minnesota.....	28,245	23,017	139	171	3,931	4	307	3,620	39.4	129,068	118,857	10,080	128,937
Iowa.....	33,444	26,254	127	162	4,253	7	370	3,876	38.5	136,450	124,355	11,871	136,226
Missouri.....	21,726	17,286	126	158	2,732	14	348	2,370	38.4	87,424	75,840	11,136	86,976
North Dakota.....	5,033	4,033	115	144	680	3	113	466	35.2	17,013	13,689	3,315	16,984
South Dakota.....	9,094	7,189	121	153	1,100	1	114	983	33.9	32,908	29,408	3,411	32,819
Nebraska.....	14,569	11,755	131	162	1,907	5	204	1,698	36.6	58,154	51,789	6,222	58,011
Kansas.....	15,500	12,571	132	163	2,053	7	258	1,788	37.6	64,327	56,024	8,064	64,108
West North Central.....	127,701	102,115	130	162	16,556	41	1,714	14,801	38.1	525,354	460,942	54,119	524,061

Delaware.....	952	793	133	160	127	(5)	13	114	51.1	5,408	4,854	5,408	5,408
Maryland.....	3,932	3,160	126	156	494	1	62	481	49.3	17,707	17,707	17,707	20,254
Virginia.....	9,477	7,751	120	156	212	6	294	972	38,475	38,475	38,475	38,475	47,737
West Virginia.....	3,978	3,078	128	155	478	2	120	356	47.9	19,478	14,507	19,478	19,397
North Carolina.....	10,092	7,496	97	131	981	9	324	648	48.0	39,240	25,920	39,240	38,880
South Carolina.....	4,158	2,984	79	110	327	7	141	179	50.7	13,816	7,563	13,816	13,530
Georgia.....	7,702	5,707	81	110	625	9	216	400	50.5	26,302	16,833	26,302	25,923
Florida.....	2,319	1,754	96	127	223	2	56	165	56.0	10,407	7,700	10,407	10,313
South Atlantic.....	42,610	32,723	105	137	4,467	36	1,166	3,265	49.1	182,921	133,559	182,921	181,432
Kentucky.....	10,707	8,100	113	149	213	13	347	853	41.4	41,848	29,428	41,848	41,400
Tennessee.....	10,376	7,814	100	132	1,034	13	282	739	42.1	36,276	25,927	36,276	35,520
Alabama.....	7,225	5,472	86	114	622	10	236	376	46.0	23,543	14,413	23,543	23,400
Mississippi.....	6,744	5,156	78	101	523	15	174	334	45.3	19,743	12,608	19,743	19,176
Arkansas.....	7,048	5,256	86	116	608	10	213	385	41.8	21,179	13,411	21,179	20,830
Louisiana.....	4,175	2,985	73	102	303	8	128	167	46.3	11,691	6,443	11,691	11,382
Oklahoma.....	10,507	8,767	123	148	1,237	8	251	408	50.0	42,909	34,340	42,909	42,644
Texas.....	26,791	21,140	106	134	2,832	19	523	2,290	41.3	97,468	78,814	97,468	96,814
South Central.....	83,573	64,750	101	130	8,432	96	2,154	6,182	41.8	294,957	215,384	294,957	291,526
Montana.....	1,931	1,451	117	155	225	1	63	161	44.1	8,269	5,917	8,269	8,232
Idaho.....	2,165	1,842	142	167	307	1	53	253	48.4	12,382	10,204	12,382	12,342
Wyoming.....	802	652	128	158	103	(5)	25	78	43.1	3,699	2,802	3,699	3,700
Colorado.....	3,310	2,598	120	153	397	2	84	311	41.5	13,730	10,755	13,730	13,660
New Mexico.....	1,103	907	120	146	132	1	41	90	46.4	5,104	3,480	5,104	5,065
Arizona.....	1,593	580	137	153	81	(5)	16	65	58.7	3,962	3,180	3,962	3,963
Utah.....	2,870	2,550	144	166	423	1	43	379	51.3	18,083	16,202	18,083	18,040
Nevada.....	2,277	247	147	162	40	(5)	7	33	54.3	1,810	1,493	1,810	1,810
Washington.....	4,994	4,049	147	181	733	2	112	619	55.3	33,779	28,527	33,779	33,687
Oregon.....	3,184	2,677	149	177	474	3	85	386	54.5	21,528	17,531	21,528	21,391
California.....	16,310	13,625	146	175	2,389	12	188	2,189	53.5	106,510	97,593	106,510	105,975
Western.....	37,539	31,128	141	170	5,304	23	717	4,564	52.0	228,856	197,683	228,856	227,865
United States.....	435,665	350,571	127	158	55,301	240	7,828	47,233	45.3	2,082,206	1,781,937	2,082,206	2,073,106

<sup>1</sup> Number of eggs produced during the year, divided by number of hens and pullets on hand Jan. 1.

<sup>2</sup> Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.

<sup>3</sup> Consumed in households of farm producers.

<sup>4</sup> Value of sales, plus value of those consumed in households of producers.

<sup>5</sup> Less than half a million.

Bureau of Agricultural Economics.

TABLE 585.—Eggs: Consumption in the United States, total and per capita, 1930-47

Year	Total egg production <sup>1</sup>	Storage stocks at beginning of year <sup>2</sup>	Imports <sup>2</sup>	Exports <sup>2</sup>	Eggs used for hatching <sup>3</sup>	Storage stocks at end of year <sup>2</sup>	Consumption <sup>4</sup>	
							Total	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1930.....	3,581	66	44	19	149	125	3,398	329
1931.....	3,532	125	34	8	135	109	3,439	331
1932.....	3,327	109	10	2	136	50	3,258	311
1933.....	3,255	50	9	2	137	72	3,103	295
1934.....	3,156	72	8	2	122	72	3,040	287
1935.....	3,081	72	22	2	124	85	2,964	278
1936.....	3,166	85	27	2	134	61	3,081	287
1937.....	3,443	61	32	2	115	112	3,307	306
1938.....	3,424	112	6	2	124	59	3,357	308
1939.....	3,561	59	5	3	133	74	3,415	311
1940.....	3,638	74	7	5	129	77	3,508	317
1941.....	3,839	77	15	155	157	75	3,435	311
1942.....	4,455	75	3	445	183	75	3,484	316
1943.....	4,999	75	1	645	220	100	3,739	346
1944.....	5,365	100	1	713	183	80	3,768	350
1945.....	5,120	80	4	473	211	61	4,295	397
1946.....	5,098	61	1	345	170	109	4,338	374
1947 <sup>5</sup> .....	5,069	109	1	233	175	78	4,542	380

<sup>1</sup> Includes nonfarm production, estimated at 10 percent of farm production.<sup>2</sup> Shell-egg equivalent of eggs and egg products.<sup>3</sup> Estimated from the total number of chickens raised in the United States and the average number of eggs required per bird raised.<sup>4</sup> Beginning 1941 consumption figures apply only to civilian population.<sup>5</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 586.—Shell eggs: Receipts at 6 markets, by rail and truck, 1938-47<sup>1</sup>

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1938.....	5,025	1,100	6,155	2,180	2,027	4,207	749	392	1,141
1939.....	4,821	1,542	6,363	2,020	3,067	5,087	704	445	1,149
1940.....	4,552	1,937	6,489	1,965	3,397	5,362	667	583	1,250
1941.....	4,073	1,967	6,040	1,768	3,260	5,028	527	652	1,179
1942.....	3,544	2,271	5,815	1,757	3,461	5,218	388	707	1,095
1943.....	4,105	2,310	6,415	1,670	3,267	4,937	499	626	1,125
1944.....	3,777	2,810	6,587	1,911	2,808	4,719	381	718	1,099
1945.....	5,900	1,754	7,654	1,483	2,556	4,039	678	496	1,174
1946.....	5,520	2,294	7,814	2,272	3,314	5,586	635	602	1,237
1947.....	4,568	2,414	6,982	1,236	2,852	4,088	492	687	1,179
	Boston			San Francisco			Los Angeles		
1938.....	912	288	1,200	-----	-----	855	-----	-----	972
1939.....	756	368	1,124	-----	-----	866	-----	-----	1,047
1940.....	617	506	1,123	<sup>2</sup> 89	<sup>2</sup> 839	928	-----	-----	1,115
1941.....	592	641	1,233	132	864	996	<sup>2</sup> 85	<sup>2</sup> 1,089	1,174
1942.....	431	876	1,307	242	1,044	1,286	99	1,138	1,237
1943.....	754	739	1,493	523	773	1,296	370	846	1,216
1944.....	454	982	1,436	820	937	1,757	293	878	1,171
1945.....	757	538	1,295	535	741	1,276	756	478	1,234
1946.....	448	779	1,227	383	773	1,156	775	857	1,632
1947.....	405	853	1,258	370	766	1,136	621	958	1,579

<sup>1</sup> Includes intermarket shipments. Reported in cases of 30 dozen.<sup>2</sup> Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 587.—Shell eggs: Receipts at 6 markets, by origin, 1946 and 1947<sup>1</sup>

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
Maine		1					178	165				
New Hampshire	6	3					173	176				
Vermont		1					62	55				
Massachusetts	33	16					352	342				
Rhode Island	1	7					3	2				
Connecticut	36	25					26	34				
New York	1,237	1,000			4	7	21	57				1
New Jersey	304	322			29	15	2	1				1
Pennsylvania	866	853		2	383	352	3	2	1			
Ohio	169	140	20	3	52	63	6	18				
Indiana	619	548	94	38	1	3	20	13	2			
Illinois	264	157	752	393	107	110	47	55	1	2	22	3
Michigan	26	13	18	10	1		3	32	1	1		
Wisconsin	159	117	1,514	1,365	47	29	11	6	4	2	6	3
Minnesota	1,488	1,431	1,315	976	332	338	67	62	93	73	98	145
Iowa	2,152	2,107	1,390	1,027	131	130	176	190	41	100	90	73
Missouri	23	46	119	58	11	4	8	7	5	10	30	17
North Dakota	35	20	53	51	11	10	3	2	1	1	4	3
South Dakota	55	21	89	49	25	24	11	7	10	5	4	12
Nebraska	133	50	151	49	8	8	11	8	125	121	184	144
Kansas	33	15	49	16	9	5	37	17	28	30	137	150
Delaware	17	8			12	6						
District of Columbia	9	1										
Maryland	53	41		1	47	57	1					
Virginia	18	4			12	7		1				
West Virginia	1				1	1						
North Carolina	4	1		1	9	5						
Georgia												1
Kentucky	3	4	5	2	2	3	2					
Tennessee	12	7	2	2	3	1						
Mississippi		1		1								
Louisiana			1									1
Oklahoma	24		2						6	2	13	2
Texas									2	1	12	3
Montana								1			4	3
Idaho	2								5	2	35	26
Wyoming	1	1										
Colorado		1	7	40		1			6	3	23	27
New Mexico											1	
Utah	26	11	1						65	20	205	385
Nevada	1											
Washington	1								20	8	17	6
Oregon	18	6							14	21	13	5
California	1	1							724	734	731	571
Total	7,814	6,982	5,586	4,088	1,237	1,179	1,227	1,258	1,156	1,136	1,632	1,579

<sup>1</sup> Includes intermarket shipments. Reported in cases of 30 dozen. Parcel-post figures are included in totals as indicated: In 1946 receipts by parcel post were as follows: New York 2,000 cases; Chicago 4,000 cases; Boston 4,000 cases. In 1947 receipts by parcel-post were as follows: New York 2,000 cases; Chicago 4,000 cases; Boston 5,000 cases.

Production and Marketing Administration.

TABLE 588.—*Shell eggs: Average wholesale price per dozen, New York, Chicago, Philadelphia, Boston, and San Francisco, 1938-47*

Market and grade	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
New York: <sup>1</sup> Fresh Firsts.....	<i>Cents</i> 22.5	<i>Cents</i> 18.3	<i>Cents</i> 20.3	<i>Cents</i> 26.6	<i>Cents</i> 33.6	<i>Cents</i> (2)	<sup>3</sup> 41.0	<sup>4</sup> 44.6	<sup>4</sup> 44.8	<sup>4</sup> 53.6
Chicago: <sup>5</sup> Fresh Firsts.....	21.3	17.6	18.9	25.5	33.4	(2)	<sup>3</sup> 39.5	<sup>4</sup> 42.9	<sup>4</sup> 43.2	<sup>4</sup> 51.0
Philadelphia: U. S. Extras.....	31.7	27.8	27.3	32.4	40.5	42.3	<sup>3</sup> 40.5	<sup>4</sup> 44.7	<sup>4</sup> 44.6	<sup>4</sup> 53.2
Boston: Western Firsts.....	22.5	18.3	(6)	27.1	34.6	(2)	(2)	(2)	(2)	(6)
San Francisco: U. S. Extras.....	27.1	24.3	24.0	31.2	39.8	47.6	<sup>7</sup> 45.6	<sup>7</sup> 48.3	<sup>7</sup> 50.5	<sup>7</sup> 59.4

<sup>1</sup> American Egg and Poultry Review, New York, 1938-42; subsequently U.S.D.A. quotations.

<sup>2</sup> Prices comparable to former series not available on account of changes in grades under OPA Price Control.

<sup>3</sup> Extras (grades 1-4) large, wholesale grade.

<sup>4</sup> Grade of Extras, 1 and 2 large.

<sup>5</sup> Chicago Price Current, 1938-42, and subsequently U.S.D.A. quotations.

<sup>6</sup> Not available.

<sup>7</sup> Grade "A."

Production and Marketing Administration.

TABLE 589.—*Egg futures: Volume of trading and annual average of month-end open contracts, Chicago Mercantile Exchange, 1938-47*

Year	Annual volume of trading	Average open contracts	Year	Annual volume of trading	Average open contracts	Year	Annual volume of trading	Average open contracts
1938.....	<i>Carlots</i> 44,292	<i>Carlots</i> 2,260	1942.....	<i>Carlots</i> 19,077	<i>Carlots</i> 1,140	1946.....	<i>Carlots</i> 143,083	<i>Carlots</i> 6,000
1939.....	47,323	2,621	1943 <sup>1</sup> .....	1,547	130	1947.....	132,335	2,704
1940.....	35,425	1,622	1944.....	28,135	1,202			
1941.....	54,522	2,213	1945.....	44,513	1,199			

<sup>1</sup> Effective Feb. 1, 1943, unit of trading changed from 400 to 600 case carlots.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 590.—*Liquid egg: Production and disposition, United States, 1938-47*

Year	Production	Disposition (in terms of liquid egg)			
		Frozen	Dried	For immediate consumption	Frozen eggs, later dried <sup>1</sup>
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1938.....	148,800	116,100	22,300	10,400	.....
1939.....	220,233	177,144	31,000	12,089	.....
1940.....	229,274	189,578	27,050	12,646	.....
1941.....	421,919	237,182	165,972	18,765	.....
1942.....	1,010,106	257,631	731,046	21,429	115,752
1943.....	1,221,012	412,615	782,080	26,317	159,346
1944.....	1,554,037	511,791	1,009,402	32,844	179,146
1945.....	681,571	397,580	265,287	18,704	122,167
1946.....	788,194	392,218	375,945	20,031	84,219
1947.....	682,480	371,096	295,567	15,817	20,538

## PRODUCTION BY CLASSES OF PRODUCT

Year	Whole	Mixed emulsions	Egg whites	Plain yolk	Sugared yolk	Salted yolk	Yolk emulsions
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1938.....	48,360	14,582	46,723	16,368	14,434	8,035	298
1939.....	73,368	18,514	68,286	27,323	22,918	9,484	340
1940.....	76,348	18,160	70,845	23,386	22,698	17,654	183
1941.....	213,932	33,332	94,932	34,175	29,534	15,611	403
1942.....	818,982	57,333	70,654	28,443	22,073	11,825	796
1943.....	1,008,703	70,124	78,151	29,338	21,432	10,994	2,270
1944.....	1,355,114	39,369	84,343	42,774	19,143	11,167	2,127
1945.....	514,458	31,281	77,893	32,979	16,636	6,652	1,672
1946.....	540,574	53,055	108,402	44,070	25,296	16,264	533
1947.....	481,821	42,214	89,114	23,285	24,733	21,000	313

<sup>1</sup>Included in column which shows total frozen.

Bureau of Agricultural Economics. Of the totals shown in this table, the following quantities of liquid, frozen, and dried eggs were processed under Government supervision in recent years: 537,898,763 pounds in 1946, and 588,189,201 pounds in 1947.

TABLE 591.—*Dried egg: Production in United States, 1938-47*

Year	Whole	Albumen	Yolk	Total	Year	Whole	Albumen	Yolk	Total
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.		1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1938.....	179	1,510	4,313	6,002	1943.....	252,903	2,093	6,976	261,972
1939.....	184	2,305	7,550	10,039	1944.....	311,369	2,310	7,063	320,742
1940.....	392	1,916	5,179	7,487	1945.....	96,988	1,710	7,164	105,862
1941.....	31,241	4,391	9,648	45,280	1946.....	115,344	2,112	7,988	125,444
1942.....	226,127	2,253	7,269	235,649	1947.....	80,037	1,493	4,031	85,561

Bureau of Agricultural Economics. Data for 1927-37 in Agricultural Statistics, 1943, table 461.

TABLE 592.—*Eggs and poultry: Quantities officially graded by Federal and Federal-State graders, 1938-47*

Year	Shell eggs	Dressed poultry <sup>1</sup>	Dressed turkeys <sup>2</sup>	Year	Shell eggs	Dressed poultry <sup>1</sup>	Dressed turkeys <sup>2</sup>
	<i>30-dozen cases</i>	<i>Pounds</i>	<i>Pounds</i>		<i>30-dozen cases</i>	<i>Pounds</i>	<i>Pounds</i>
1938.....	1,148,039	10,580,666	24,128,837	1943.....	6,693,975	70,271,923	67,106,162
1939.....	1,333,009	14,955,196	18,792,426	1944.....	13,696,136	113,580,769	44,520,374
1940.....	3,322,120	18,921,129	37,625,536	1945.....	9,307,276	163,738,179	86,264,674
1941.....	5,054,515	23,684,057	46,678,648	1946.....	14,096,381	149,293,214	108,513,095
1942.....	4,646,864	47,875,344	52,182,867	1947.....	11,334,107	164,775,065	106,370,084

<sup>1</sup> Includes all classes of poultry except turkeys.

<sup>2</sup> On basis of fiscal years ending June of year shown except figures beginning with 1944, which are on a calendar year basis.

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TABLE 593.—*Eggs: Quantity graded for packaging with certificates of quality and grade seals, 1938-47* <sup>1</sup>

Year	U. S. Grade AA <sup>2</sup>	U. S. Grade A <sup>3</sup>	U. S. Grade B <sup>4</sup>	Year	U. S. Grade AA <sup>2</sup>	U. S. Grade A <sup>3</sup>	U. S. Grade B <sup>4</sup>
	<i>30-dozen cases</i>	<i>30-dozen cases</i>	<i>30-dozen cases</i>		<i>30-dozen cases</i>	<i>30-dozen cases</i>	<i>30-dozen cases</i>
1938.....	82,991	134,967	96,023	1943.....	333,696	220,637	127,095
1939.....	90,873	126,945	81,265	1944.....	626,942	410,235	119,675
1940.....	86,102	159,321	93,622	1945.....	1,086,244	415,059	86,836
1941.....	78,507	170,605	116,487	1946.....	1,276,184	625,791	111,471
1942.....	65,935	208,726	150,329	1947.....	1,180,637	733,088	83,739

<sup>1</sup> The eggs in this tabulation are included in the data in table 592 showing total eggs graded.

<sup>2</sup> Prior to 1943, designated as U. S. Specials.

<sup>3</sup> Prior to 1943, designated as U. S. Extras.

<sup>4</sup> Prior to 1943, designated as U. S. Standards.

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TABLE 594.—*Poultry (dressed weight) and eggs: Total and per capita civilian consumption, United States, 1929-47*

Year	Eggs		Chickens		Turkeys		Year	Eggs		Chickens		Turkeys	
	Total	Per capita	Total	Per capita	Total	Per capita		Total	Per capita	Total	Per capita	Total	Per capita
1929	Mil. doz.	Number	Mil. lb.	Lb.	Mil. lb.	Lb.	1939	Mil. doz.	Number	Mil. lb.	Lb.	Mil. lb.	Lb.
1930	3,393	334	2,414	19.8	213	1.7	1940	3,415	311	2,457	18.7	393	3.0
1931	3,398	329	2,656	21.5	222	1.8	1941	3,508	317	2,483	18.7	470	3.5
1932	3,439	331	2,418	19.4	214	1.7	1941 <sup>1</sup>	3,435	311	2,715	20.5	469	3.5
1933	3,258	311	2,478	19.7	260	2.1	1942	3,484	316	3,097	23.4	484	3.7
1934	3,103	295	2,560	20.3	297	2.4	1943	3,739	346	3,959	30.6	430	3.3
1935	3,040	287	2,384	18.8	281	2.2	1944	3,768	350	3,467	26.8	426	3.3
1936	2,964	278	2,319	18.1	269	2.1	1945	4,295	397	3,742	28.9	555	4.3
1937	3,081	287	2,332	18.1	344	2.7	1946	4,338	374	3,542	25.5	632	4.5
1938	3,307	306	2,332	18.0	355	2.7	1947 <sup>1,2</sup>	4,542	380	3,351	23.4	645	4.5
	3,357	308	2,196	16.8	358	2.7							

<sup>1</sup> The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age, and members of the armed forces not eating out of civilian supplies.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics. Data on eggs and chickens for 1909-28 in Agricultural Statistics, 1944, table 512.

TABLE 595.—*Poultry and poultry products: Cold-storage holdings as of the annual peak and low point, 1938-47*

Year	Shell eggs		Frozen eggs		Dried eggs <sup>1</sup>		Turkeys		Total poultry <sup>2</sup>	
	High (Aug. 1)	Low (Feb. 1)	High (Aug. 1)	Low (Mar. 1)	High	Low	High (Feb. 1)	Low (Oct. 1)	High (Jan. 1)	Low (June 1)
1938	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938	6,411	<sup>3</sup> 281	<sup>4</sup> 138,510	<sup>5</sup> 78,091	-----	-----	28,020	3,790	123,500	52,049
1939	7,024	136	144,359	44,476	-----	-----	28,264	7,994	139,108	<sup>6</sup> 62,870
1940	7,784	57	154,947	38,070	-----	-----	65,467	<sup>7</sup> 11,870	167,643	76,904
1941	6,641	297	195,187	45,239	-----	-----	65,343	<sup>7</sup> 8,245	208,365	<sup>8</sup> 81,206
1942	<sup>4</sup> 7,935	331	290,529	73,766	-----	-----	59,641	8,009	218,392	<sup>4</sup> 79,200
1943	<sup>4</sup> 8,871	214	351,169	56,508	-----	-----	37,682	<sup>6</sup> 5,155	<sup>8</sup> 197,880	20,963
1944	<sup>4</sup> 11,335	<sup>9</sup> 675	388,547	<sup>10</sup> 81,712	<sup>5</sup> 110,137	<sup>10</sup> 42,647	48,343	22,347	<sup>8</sup> 268,128	122,729
1945	<sup>4</sup> 6,120	296	<sup>4</sup> 255,936	85,499	<sup>3</sup> 111,109	<sup>11</sup> 20,066	77,533	<sup>6</sup> 17,796	<sup>5</sup> 320,745	<sup>4</sup> 97,211
1946	<sup>4</sup> 9,871	<sup>9</sup> 113	<sup>4</sup> 265,050	<sup>10</sup> 111,721	<sup>11</sup> 20,339	<sup>8</sup> 7,003	<sup>3</sup> 134,548	44,719	<sup>10</sup> 363,954	<sup>4</sup> 173,905
1947	4,268	221	241,573	73,564	<sup>4</sup> 43,775	<sup>9</sup> 10,376	139,571	38,979	<sup>5</sup> 317,112	<sup>4</sup> 171,260

<sup>1</sup> Statistics of dried eggs were not gathered prior to 1944.

<sup>2</sup> Includes stocks of turkeys and other poultry.

<sup>3</sup> Mar. 1.

<sup>4</sup> July 1.

<sup>5</sup> Dec. 1.

<sup>6</sup> Sept. 1.

<sup>7</sup> Nov. 1.

<sup>8</sup> Aug. 1.

<sup>9</sup> Jan. 1.

<sup>10</sup> Feb. 1.

<sup>11</sup> Oct. 1.

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## CHAPTER VIII

# STATISTICS OF FOREIGN TRADE IN AGRICULTURAL PRODUCTS

The term "foreign trade" applies to trade between the United States, including noncontiguous territories, and foreign countries. Trade between continental United States and noncontiguous territories is referred to as "shipments." The Philippine Islands and, prior to January 1, 1935, the Virgin Islands are included with foreign countries. Alaska, Hawaii, Puerto Rico, and since January 1, 1935, the Virgin Islands are noncontiguous territories.

Beginning January 1, 1940, trade with foreign countries through the customs district of the Virgin Islands is not included in United States trade statistics. Figures for shipments out of noncontiguous territories include small quantities to other noncontiguous territories. In statistics of foreign trade, forest products and distilled liquors are considered nonagricultural products, as distinct from strictly agricultural products. (Explanatory preface continued on page 479.)

TABLE 596.—*Summary of the value of United States total and agricultural exports and imports, 1929-46*

Year beginning July—	Agricultural exports				Agricultural imports <sup>2</sup>						Excess of domestic agricultural exports over supplementary imports
	Total domestic exports	Domestic	Percentage (domestic) of total exports	Foreign (reexports)	Total imports <sup>1</sup>	Total	Supplementary <sup>3</sup>	Complementary <sup>3</sup>	Supplementary		
									Percentage of total agricultural exports	Percentage of total imports	
Million dollars	Million dollars	Per cent	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Per cent	Per cent	Million dollars	
1929.....	4,618	1,496	32	51	3,849	1,900	889	1,010	59	23	607
1930.....	3,032	1,038	34	29	2,432	1,162	512	650	49	21	526
1931.....	1,908	752	39	23	1,730	834	375	459	50	22	377
1932.....	1,413	590	42	15	1,168	614	283	331	48	24	307
1933.....	2,008	787	39	21	1,674	839	419	420	53	25	369
1934.....	2,085	669	32	20	1,789	934	498	436	74	28	171
1935.....	2,375	766	32	22	2,208	1,141	642	499	84	29	125
1936.....	2,791	732	26	25	2,892	1,537	867	670	118	30	4134
1937.....	3,362	891	26	25	2,331	1,155	588	567	66	25	302
1938.....	2,885	683	24	19	2,079	999	486	513	71	23	197
1939.....	3,744	738	20	48	2,448	1,239	572	667	78	23	166
1940.....	3,959	350	9	43	2,809	1,474	629	845	180	22	4279
1941.....	6,451	1,030	16	52	3,068	1,503	769	734	75	25	261
1942.....	10,028	1,487	15	52	3,010	1,344	965	379	65	32	521
1943.....	14,698	2,269	15	84	3,813	1,774	1,244	530	55	33	1,026
1944 <sup>4</sup> .....	12,551	2,143	17	81	3,966	1,729	1,111	618	52	28	1,032
1945 <sup>5</sup> .....	8,470	2,836	33	186	4,202	1,886	1,031	855	36	25	1,806
1946 <sup>6</sup> .....	12,748	3,575	28	(6)	5,385	2,716	1,387	1,329	39	26	2,188

<sup>1</sup> General imports prior to July 1933; subsequently, imports for consumption.

<sup>2</sup> General imports prior to July 1933, excepting wool, where imports for consumption have been used in order to show the degree of competitiveness.

<sup>3</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

<sup>4</sup> Excess of imports.

<sup>5</sup> Preliminary.

<sup>6</sup> Not available.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and of the United States Tariff Commission. Data for 1910-28 in *Agricultural Statistics, 1942*, table 687.

TABLE 597.—Agricultural products: Value of principal groups exported from and imported into the United States, 1941-46

Product	Year beginning July											
	Domestic exports					Imports for consumption						
	1941	1942	1943	1944	1945	1946	1941	1942	1943	1944	1945	1946
<b>Animals live:</b>												
Cattle.....	530	544	1,024	1,911	7,885	4,656	29,117	23,091	21,660	30,235	22,571	1,000 dollars
Horses.....	231	164	330	629	6,140	13,125	1,745	1,040	1,147	1,212	2,043	
Mules, asses, and burros.....	126	53	590	534	4,452	2,386	8	4	8	14	10	
Other live animals.....	456	596	1,329	2,611	2,967	3,126	3,686	3,840	3,307	3,501	3,761	
<b>Dairy products</b>												
Butter.....	2,460	8,098	49,494	44,523	13,928	3,165	2,638	1,404	900	1,361	4,836	
Casein or lactarene.....	63	31	910	148	5,483	277	5,482	4,875	5,249	7,776	9,365	
Cheese.....	48,764	54,255	66,998	75,232	81,045	52,737	3,223	5,321	3,736	4,207	7,015	
Milk, condensed and evaporated.....	61,052	47,209	53,440	54,738	120,131	88,301	7	9	3,321	3,776	(*)	
Other dairy products.....	12,317	38,653	43,638	57,209	100,202	91,905	11	26	5	17	13	
Eggs, in the shell.....	5,948	1,100	637	1,983	8,966	26,284	1,694	207	370	466	462	
Egg products.....	121,243	187,638	324,736	299,181	105,172	118,514	1,677	1,58	118	192	7	
Hides and skins, raw (except furs).....	1,745	498	417	558	9,642	16,123	84,102	77,914	58,671	52,427	46,738	
<b>Meat and meat products:</b>												
Beef, canned including corned.....	3,212	3,451	721	385	40,675	16,034	18,070	12,649	12,115	4,705	1,164	
Other canned meats.....	149,118	295,876	331,644	211,075	194,106	79,031	22	1,669	406	344	28	
Hams, shoulders, bacon, and sides.....	53,809	69,945	67,526	37,067	5,456	7,231	105	819	19	188	48	
Pork, pickled or salted.....	12,407	22,697	56,387	29,186	8,374	9,976	93	952	328	177	177	
Other meats.....	11,014	73,034	217,232	106,449	98,990	70,542	5,250	2,015	3,377	12,614	5,677	
Sausage casings.....	5,575	6,821	6,913	8,163	4,718	13,063	6,715	7,166	7,905	8,501	3,126	
Lard, including neutral.....	78,364	78,531	146,370	139,311	74,936	85,486	(*)	124	23	71	1	
Wool and mohair, unmanufactured.....	171	128	12,079	775	22,104	3,718	153,773	386,692	217,561	170,545	208,419	
Cotton.....	96,512	134,409	142,839	183,559	416,796	589,283	15,841	17,732	14,967	18,929	28,818	
Linters.....	1,007	957	2,383	2,569	4,882	3,533	4,495	1,992	1,549	2,131	4,725	
<b>Fruits:</b>												
Apples, fresh.....	2,863	1,107	1,207	4,776	5,996	18,650	19	1,152	363	4,859	804	
Grapefruit, fresh.....	1,443	2,459	3,253	3,905	4,965	6,754	187	73	27	86	21	
Grapes, fresh.....	2,716	4,996	4,215	4,672	9,561	498	498	142	5	505	592	
Oranges, fresh.....	10,304	16,655	24,601	24,515	33,022	32,592	(*)	1	5	(*)	21	
Pears, fresh.....	1,922	705	628	996	11,105	11,105	231	241	837	729	1,095	
Prunes, dried.....	11,839	9,175	13,124	12,820	10,013	22,456	14	2	(*)	(*)	26	
Raisins.....	5,578	10,030	27,727	28,104	14,180	11,975	14	11	5	25	308	
Other fruit (except bananas and plantains).....	27,623	29,616	55,334	52,979	54,180	80,407	9,766	12,567	21,626	26,038	41,611	
<b>Grains and grain preparation:</b>												
Barley, grain.....	1,282	514	666	1,223	5,011	23,858	1,067	17,707	31,690	35,536	5,129	
Barley malt.....	2,930	3,083	5,975	8,546	13,812	15,121	381	838	722	900	4,402	
Corn, including cornmeal.....	18,060	8,919	14,891	22,427	23,309	223,913	463	665	326	6,369	1,519	
Oats, including oatmeal.....	3,923	2,515	3,423	4,948	20,569	28,125	586	25,917	56,811	40,352	16,306	

See footnotes at end of table.

TABLE 597.—Agricultural products: Value of principal groups exported from and imported into the United States, 1941-46—Continued

Product	Year beginning July																		
	Domestic exports					Imports for consumption					Principal supplementary products <sup>1</sup>								
	1941	1942	1943	1944 <sup>2</sup>	1945 <sup>3</sup>	1946 <sup>2</sup>	1941	1942	1943	1944 <sup>2</sup>	1945 <sup>3</sup>	1946 <sup>3</sup>	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Grains and grain preparations:																			
Rice, grain.....	24,755	28,293	33,957	35,201	52,905	74,770	392	539	279	18	454	162							
Wheat and flour:	47	42	170	2,459	11,423	1,929	4,386	920	8,680	4,109	3,250	4,188							
Grain:																			
For domestic use.....							2,434	821	177,863	52,241	2,745	92							
For milling in bond and export.....							8,430	6,056	12,892	11,349	15,746	3,189							
Total wheat grain.....	11,625	8,607	16,247	36,403	431,892	409,433	10,864	6,877	190,755	63,590	18,491	3,281							
Flour:																			
Wholly of United States wheat.....	13,441	24,188	39,089	43,410	131,234	466,751													
Other wheat flour.....	8,305	7,617	13,235	14,846	21,200	15,738													
Total wheat flour.....	21,746	31,805	54,324	58,256	152,434	482,492	159	94	202	279	156	16							
Other grains and preparations.....	3,631	7,714	14,549	15,623	22,216	36,905	406	1,789	4,438	700	256	613							
Feeds and feeders:																			
Oil cake and oil-cake meal.....	996	1,211	1,916	863	142	11,993	1,515	1,793	4,947	3,570	3,873	2,922							
Other feeds and feeders <sup>4</sup> .....	1,107	872	1,602	11,547	10,214	36,217	9,953	9,861	19,781	15,535	23,247	15,096							
Nuts.....	1,488	948	5,186	5,453	13,535	31,845	16,345	5,461	13,434	31,444	46,972	47,483							
Oilseeds:																			
Copra.....	99	0	0	0	0	0	8,920	8,085	6,343	7,940	8,522	86,584							
Flaxseed.....	191	8	78	26	153	121	20,998	11,878	42,535	14,432	7,432	4,022							
Soybeans.....	1,071	2,300	2,341	7,937	14,318	15,709	2	1	1	1	55	( <sup>5</sup> )							
Other oilseeds.....	369	426	341	770	897	1,351	13,737	9,576	14,197	18,056	16,027	22,700							
Oils and fats, expressed (vegetable):																			
Cocunut.....	1,493	69	15	22	3,249	7,148	10,528	2,728	2,518	2,802	709	2,789							
Cottonseed.....	1,083	9,109	1,429	1,266	826	1,835	2,404	1,066	3,300	2,100	1,947	1							
Linosseed.....	5,124	11,752	42,769	28,231	2,903	309	8	4,289	8,915	3,146	10,016	45,500							
Palm.....	7,518	745	( <sup>6</sup> )	17	717	758	5,473	2,779	3,286	4,564	1,679	5,267							
Perilla.....	( <sup>7</sup> )	9	( <sup>8</sup> )	0	0	0	341	55	0	0	3	0							
Soybean.....	1,449	5,602	4,322	13,455	8,761	20,794	( <sup>9</sup> )	0	( <sup>10</sup> )	0	( <sup>11</sup> )	0							
Tung.....	73	407	602	1,116	110	533	7,822	23	557	10	1,995	35,808							
Other vegetable oils and fats, expressed.....	4,047	17,645	10,880	5,446	7,680	19,837	26,839	23,667	21,822	36,130	33,710	43,728							
Seeds, except oilseeds.....	9,906	18,444	11,073	10,592	21,942	19,837	3,673	2,229	8,423	6,235	6,306	8,626							
Starch.....	8,893	8,367	6,543	9,902	4,397	14,892	3,443	2,257	4,443	( <sup>12</sup> )	54	( <sup>13</sup> )							
Sugar.....	1,227	19,354	58,365	23,276	32,176	35,945	123,237	209,585	241,914	167,872	302,505	19,627							
Molasses, maple sugar and sirup, and glucose.....	2,469	1,832	4,440	1,487	1,909	7,444	31,031	26,043	57,669	38,687	15,245	19,627							
Tobacco, leaf.....	73,810	102,533	162,048	234,837	274,598	324,066	35,143	41,442	48,615	79,240	76,616	89,620							

	319	553	527	577	560	93	36	200	11	202	380
Vegetables and preparations:											
Beans:											
Green or unripe.....	11,198	14,870	21,218	7,945	19,382	427	223	554	223	2,160	702
Dried.....	1,493	1,847	1,976	3,848	4,430	111	296	286	83	826	271
Onions.....											
Peas:											
Green.....	76	88	195	228	248	45	746	966	643	490	313
Dried.....	2,537	3,890	17,475	26,300	21,988	43	57	138	24	148	131
Potatoes, white.....	7,805	2,221	3,098	21,843	21,438	616	1,458	2,029	11,716	2,910	6,132
Soya flour.....	(4)	2,450	2,964	7,675	1,858						
Vegetables, canned.....	17,589	7,415	29,223	18,685	18,379	470	145	6	294	144	1,774
Vegetables and soups, dehydrated.....	(6)	20,201	39,061	43,571	25,948						
Other vegetables and preparations.....	10,824	16,790	18,569	25,979	27,025	16,675	14,287	38,045	30,917	33,233	49,944
Principal complementary products											
Silk, unmanufactured.....						12,377	(1)	0	245	60,332	78,141
Wool, free in bond for use in carpets, etc.....						31,566	8,253	8,321	20,193	48,321	48,801
Cocoa beans, cocoa, and chocolate.....	803	202	1,132	1,460	30,419	25,342	222,747	320,160	52,823	53,568	105,993
Coffee <sup>10</sup> .....	893	377	336	4,499	103,302	31,746	18,050	28,368	312,312	403,376	539,590
Tea.....						31,746	18,050	28,368	30,685	31,275	33,138
Bananas and plantains.....						25,101	12,875	17,678	26,094	33,432	48,175
Rubber, crude <sup>11</sup> .....						332,381	36,585	49,635	99,631	142,356	341,774
Pepper.....						2,357	5	2	8,535	13,854	13,854
Vanilla beans.....	(8)	16	(4)	0	0	5,602	3,392	3,929	5,951	10,229	10,229
Licorice root.....	(8)	4	0	0	0	1,137	704	490	663	1,155	2,507
Pyrethrum or insect flowers.....	11	3	49	45	93	2,446	1,294	1,289	4,288	5,209	4,212
Total of above products.....	991,568	1,438,060	2,082,354	2,749,130	3,482,260	1,368,437	1,240,929	1,635,753	1,595,617	1,720,557	2,487,587
Other agricultural products.....	38,594	48,571	61,141	86,988	92,580	134,673	103,333	138,396	133,537	165,047	228,846
Total agricultural products <sup>12</sup> .....	1,030,162	1,486,631	2,143,495	2,836,118	3,574,840	1,503,110	1,344,262	1,774,149	1,729,154	1,885,604	2,716,433
Lend-lease.....											
UNRRA.....	13 738,281	1,223,177	1,529,436	670,070	(15)						
Other.....	291,881	263,454	581,293	1,470,876	(16)						
Total supplementary <sup>1</sup> .....						768,780	965,564	1,243,711	1,111,362	1,030,383	1,886,972
Total complementary <sup>1</sup> .....						734,330	378,698	530,438	617,792	855,221	1,329,461

<sup>1</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes horses and mules for immediate slaughter and teams of immigrants.

<sup>4</sup> Less than 500.

<sup>5</sup> Imports exclude wool imported free in bond for manufacture of carpets, rugs, etc.

<sup>6</sup> Excludes corn, barley, oats, and wheat (unfit for human consumption).

<sup>7</sup> Includes palm-kernel oil.

<sup>8</sup> Not separately classified prior to Jan. 1, 1943.

<sup>9</sup> Jan. 1-June 30, 1943.

<sup>10</sup> Imports exclude coffee imported into the customs district of Puerto Rico.

<sup>11</sup> Excludes value of rubber salvaged from the high seas.

<sup>12</sup> Excludes exports of food for relief or charity by individuals or private agencies. The value of these exports for the period January-June 1942 was \$2,114,000. For the years beginning July 1, they are as follows: 1942, \$10,389,000; 1943, \$35,602,000; 1944, \$47,785,000; 1945, \$24,047,000; and 1946, \$37,211,000.

<sup>13</sup> Mar. 11, 1941-June 30, 1942.

<sup>14</sup> Sept. 1944-June 1946.

<sup>15</sup> Not available.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and the United States Tariff Commission. Data for 1938-40 in Agricultural Statistics, 1942, table 688.

TABLE 598.—Agricultural products: Value of trade between continental United States and noncontiguous Territories, 1929-46

Year beginning July—	Shipments							
	To the United States from—				From the United States to—			
	Hawaii	Puerto Rico	Alaska	Virgin Islands <sup>1</sup>	Hawaii	Puerto Rico	Alaska	Virgin Islands <sup>1</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	98,069	75,484	325	-----	17,372	26,378	8,277	-----
1930.....	102,919	75,033	280	-----	15,870	23,695	6,565	-----
1931.....	92,189	67,481	114	-----	14,480	17,635	5,207	-----
1932.....	79,739	58,628	31	-----	11,693	16,317	4,581	-----
1933.....	86,775	65,770	87	-----	14,943	19,138	5,686	-----
1934.....	91,460	60,027	137	2 88	17,311	22,619	7,513	2 186
1935.....	110,605	75,185	90	242	19,509	26,518	8,293	426
1936.....	119,322	86,590	117	496	19,052	27,571	8,300	474
1937.....	106,891	62,447	86	416	21,076	25,779	8,066	596
1938.....	99,240	64,379	52	240	20,337	21,200	8,734	528
1939.....	99,053	66,776	69	521	23,111	27,684	8,504	619
1940.....	109,309	70,460	70	139	32,155	31,685	10,368	715
1941.....	96,764	75,803	81	222	34,573	40,247	14,786	1,178
1942.....	98,877	69,209	14	52	29,994	12,115	16,244	1,545
1943.....	98,601	74,335	11	319	36,887	13,392	13,914	1,418
1944 <sup>2</sup> .....	70,299	66,630	6	570	40,497	22,391	13,795	1,354
1945 <sup>2</sup> .....	95,962	107,378	57	184	59,151	57,572	16,327	2,581
1946 <sup>2</sup> .....	-----	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Reported as a foreign country prior to Jan. 1, 1935.<sup>2</sup> January-June, 1935.<sup>3</sup> Preliminary.<sup>4</sup> Not available when this table was prepared.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census. Data for 1922-28 in Agricultural Statistics, 1942, table 689.

TABLE 599.—Index numbers of quantities of United States agricultural exports, 1929-46

[Calendar years 1924-29=100]

Year beginning July—	Total agricultural <sup>1</sup>	Cotton, including linters	Agricultural, except cotton	Tobacco, unmanufactured	Fruits	Wheat and flour	Other grains	Pork, cured	Lard, including neutral
1929.....	85	84	87	118	92	83	54	71	102
1930.....	79	83	76	116	129	71	28	42	76
1931.....	86	106	67	82	114	74	23	27	70
1932.....	75	102	50	76	101	22	27	25	72
1933.....	74	99	52	92	105	20	17	27	70
1934.....	49	60	38	70	86	12	13	22	29
1935.....	57	76	40	86	118	8	15	15	11
1936.....	51	68	36	82	88	12	9	13	13
1937.....	70	70	70	94	114	58	141	16	24
1938.....	57	43	70	95	137	63	95	21	30
1939.....	63	77	50	67	88	29	58	17	33
1940.....	25	15	34	35	38	22	46	7	24
1941.....	49	14	82	61	62	19	51	70	84
1942.....	55	15	92	62	52	18	36	81	70
1943.....	67	15	115	74	70	27	39	75	106
1944 <sup>2</sup> .....	64	20	105	97	69	31	49	39	109
1945 <sup>2</sup> .....	96	43	146	110	75	175	69	6	57
1946 <sup>2</sup> .....	101	46	159	122	99	201	168	8	41

<sup>1</sup> Based on data for 74 agricultural export classifications.<sup>2</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census. Data for 1915-28 in Agricultural Statistics, 1946, table 571.

TABLE 600.—*Index numbers of quantities of United States agricultural imports, 1929-46*

[Calendar years 1924-29=100]

Year beginning, July—	Total agricultural <sup>1</sup>	Complementary <sup>2</sup>	Supplementary <sup>2</sup>	Sugar	Supplementary, except sugar	Wool, excluding free for carpets	Hides and skins	Dairy products	Vegetable oils and oil-seeds	Grains, grain products, and feeds	Tobacco, leaf
1929.....	106	110	101	88	106	83	126	88	116	83	87
1930.....	95	110	75	81	73	29	70	58	98	127	84
1931.....	90	108	69	80	64	19	65	54	91	75	79
1932.....	79	94	60	78	53	8	54	51	79	52	64
1933.....	92	106	74	72	74	39	85	41	110	124	48
1934.....	90	97	83	79	84	19	54	67	113	314	62
1935.....	103	106	98	80	105	70	81	56	143	325	72
1936.....	116	115	118	75	134	126	82	80	154	550	74
1937.....	92	102	80	73	82	30	50	52	124	145	66
1938.....	91	102	77	66	81	46	71	50	116	79	75
1939.....	102	113	87	82	89	112	76	51	103	111	75
1940.....	128	146	104	89	110	328	104	22	93	118	79
1941.....	102	100	104	62	121	389	116	32	98	119	77
1942.....	78	44	122	48	150	898	103	36	43	220	92
1943.....	89	61	125	82	140	488	70	21	57	805	80
1944 <sup>3</sup> .....	84	68	105	91	111	381	57	5	53	445	86
1945 <sup>3</sup> .....	87	82	93	52	109	546	45	17	43	123	84
1946 <sup>3</sup> .....	102	104	98	72	108	457	51	21	81	38	100

<sup>1</sup> Based on data for 122 agricultural import classifications.<sup>2</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.<sup>3</sup> Preliminary.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and the United States Tariff Commission. Data for 1915-28 in Agricultural Statistics, 1946, table 572.

## Preface, continued from page 474:

Export statistics include commercial, United States Foreign Relief, Interim Aid, Greek-Turkish Aid, UNRRA, and Lend-Lease. Beginning January 1, 1947, they also include exports under the Army Civilian Supply Program, for which comparable data for earlier years are not available at the Bureau of the Census. Excluded from the export figures are shipments to the United States armed forces abroad for their own use, shipments between continental United States and the territories and possessions, and shipments between the territories and possessions. Prior to July 1945, shipments by and for the account of, or consigned to, United States Government agencies and establishments abroad, were also excluded. The value of food exported for relief and charity by individuals or private agencies, for which separate commodity detail is not available, is not included in agricultural exports. (See footnote 12 on page 477.)

TABLE 601.—Exports of principal domestic agricultural products, 1934-46

Year beginning July—	Dairy products						Poultry products		Meats, etc.		
	Butter	Cheese	Milk and cream				Eggs		Beef and veal		
			Evaporated (un-sweetened)	Con-densed (sweetened)	Dried, whole	Nonfat dried, solids	In the shell	Dried	Fresh or frozen	Pickled or cured	Canned
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dozen	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	761	1,344	39,549	7,881	1,648	1,057	1,862	(1)	5,519	9,501	2,653
1935.....	1,098	1,137	25,474	3,488	1,709	1,666	2,112	(1)	4,697	5,909	1,761
1936.....	840	1,076	22,395	3,334	1,922	1,684	1,949	(1)	4,813	7,949	2,636
1937.....	971	1,336	22,418	9,276	2,525	4,962	2,388	(1)	3,911	5,912	2,248
1938.....	2,277	1,497	24,294	2,503	5,466	3,911	2,238	(1)	5,454	6,353	1,813
1939.....	2,656	1,703	35,591	4,314	6,575	2,053	4,138	(1)	7,534	9,163	1,215
1940.....	2,875	22,794	189,695	60,725	10,313	16,960	17,047	(1)	7,449	7,469	453
1941.....	6,782	208,555	681,129	53,733	14,353	53,592	19,108	2 75,930	10,349	10,641	10,703
1942.....	19,727	215,314	476,974	15,586	22,482	223,060	2,536	184,972	8,894	5,264	10,995
1943.....	111,950	232,741	466,705	45,435	37,844	157,529	1,331	258,819	32,214	10,954	2,689
1944 *.....	80,072	242,324	537,979	112,579	45,059	207,376	4,964	210,689	6,665	5,100	1,161
1945 *.....	31,537	249,499	873,504	92,593	143,586	196,146	20,175	84,446	280,233	9,648	150,480
1946 *.....	4,840	153,500	580,487	75,100	103,157	176,681	56,960	86,364	99,575	5,524	54,104

  

Year beginning July—	Meats, etc.—Continued						Fruits				
	Pork				Canned meats		Fresh				
	Fresh or frozen	Pickled or salted	Canned	Hams and shoulders, cured	Bacon and sides	Sau-sage	Other meats	Lard, including neutral lard	Grape-fruit	Lemons	Oranges
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 boxes	1,000 boxes	1,000 boxes
1934.....	26,436	14,704	9,978	64,561	11,990	1,229	973	227,403	984	384	4,092
1935.....	3,230	7,488	7,749	46,720	4,339	1,074	1,327	89,577	1,085	726	5,446
1936.....	3,709	9,975	8,097	39,257	3,966	1,546	2,786	103,711	703	332	3,084
1937.....	6,758	11,376	7,619	48,298	5,691	1,181	1,781	190,100	873	456	5,932
1938.....	16,156	13,295	9,433	58,724	13,266	1,584	1,731	239,469	1,306	869	7,581
1939.....	53,216	18,572	9,100	36,855	22,612	1,652	2,435	256,804	831	619	3,854
1940.....	9,167	27,403	4,526	17,607	7,549	2,145	12,649	187,102	808	500	4,172
1941.....	18,341	74,040	154,869	86,827	168,538	246,678	44,060	684,066	864	531	4,564
1942.....	190,380	139,208	240,182	108,148	179,151	432,400	84,791	552,180	1,058	450	4,877
1943.....	609,473	320,745	177,997	143,813	130,453	272,140	439,527	839,182	1,189	490	5,466
1944 *.....	355,194	193,137	112,730	69,260	73,498	230,567	208,582	857,597	1,323	515	5,962
1945 *.....	59,010	55,790	73,537	12,123	9,897	70,535	552,712	452,669	1,919	607	7,567
1946 *.....	28,945	48,611	46,841	3,898	26,493	20,714	229,908	322,711	2,793	476	8,159

  

Year beginning July—	Fruits—Continued										
	Fresh, continued					Dried or evaporated					
	Apples	Grapes	Peaches	Pears	Apples	Apricots	Peaches	Pears	Prunes	Raisins	Fruits for salad
	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	8,062	35,712	4,884	100,635	24,485	15,196	6,351	5,687	152,716	93,890	11,396
1935.....	12,239	37,352	10,041	124,144	34,508	26,588	6,097	7,560	217,639	109,016	14,472
1936.....	6,755	46,116	16,071	131,318	22,922	29,365	7,045	7,852	163,952	112,332	8,987
1937.....	10,958	70,028	8,154	184,747	27,852	32,684	6,349	5,578	214,792	141,870	12,978
1938.....	12,071	79,857	10,436	170,971	35,054	28,840	8,238	8,716	214,032	153,244	20,862
1939.....	3,216	59,961	8,779	93,061	17,074	31,921	5,159	4,931	119,046	126,771	15,612
1940.....	867	61,046	7,823	23,565	3,526	2,908	1,604	787	38,035	86,332	3,581
1941.....	1,830	64,203	5,987	23,431	15,749	14,624	6,940	6,407	202,101	101,333	3,029
1942.....	435	44,051	6,044	10,087	11,044	10,730	10,510	1,700	100,641	147,158	2,112
1943.....	317	47,503	11,106	6,043	14,806	12,074	14,671	3,710	122,714	237,507	(*)
1944 *.....	1,287	44,805	10,104	11,782	9,977	15,793	25,773	5,954	91,194	187,850	15
1945 *.....	1,310	58,133	21,874	48,904	3,692	2,737	4,193	1,226	154,414	110,606	3,853
1946 *.....	5,179	72,182	20,475	107,676	9,250	6,859	25,363	1,211	137,740	60,738	20,511

See footnotes at end of table.



TABLE 601.—Exports of principal domestic agricultural products, 1934-46  
—Continued

Year beginning July—	Fruits—Continued										
	Dried-Con.		Canned								
	Other dried fruits	Total dried fruits	Apples, incl. sauce	Apricots	Grapefruit	Peaches	Pears	Pine-apples	Fruits for salad	Other canned fruits	Total canned fruits
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934	3,335	313,056	13,467	10,549	28,866	50,419	71,379	19,111	31,154	11,556	236,501
1935	5,088	420,968	21,589	26,754	29,921	102,957	82,316	23,691	40,426	13,157	340,811
1936	5,140	357,095	12,063	23,731	34,537	60,244	66,882	23,878	38,308	11,504	271,147
1937	4,445	446,048	11,924	26,930	34,756	56,388	59,125	25,184	32,602	9,370	256,279
1938	3,375	472,361	14,999	33,076	44,589	96,651	77,287	22,164	43,148	17,301	349,215
1939	3,602	324,116	12,925	33,145	53,702	86,410	61,917	20,501	46,359	20,091	335,081
1940	4,172	400,945	704	610	480	3,963	2,447	1,585	3,312	3,480	16,581
1941	21,104	371,287	1,757	6,040	1,273	17,962	16,759	1,916	4,115	32,978	82,800
1942	3,739	287,634	586	12,011	157	12,037	5,701	563	1,277	3,902	36,234
1943	3,614	409,096	3,779	9,661	3,358	29,888	22,973	16,253	11,144	26,523	123,579
1944 <sup>s</sup>	2,197	338,483	500	21,751	1,502	35,541	12,288	15,056	4,803	2,416	93,857
1945 <sup>s</sup>	2,657	283,383	1,135	31,443	116	26,922	11,575	21,903	17,390	5,898	116,382
1946 <sup>s</sup>	8,724	270,396	2,661	33,242	44,610	51,682	16,805	17,333	30,416	13,992	210,741

Year beginning July—	Grain, meal, and flour (in terms of grain) <sup>7</sup>						Vegetable oils				
	Barley <sup>8</sup>	Corn	Oats	Rice, cleaned <sup>9</sup>	Rye <sup>10</sup>	Wheat <sup>11</sup>	Corn oil <sup>12</sup>	Cottonseed oil <sup>13</sup>	Linseed oil	Cocoa butter	Coco-nut oil <sup>14</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934	4,126	2,324	1,147	122,876	( <sup>6</sup> )	21,532	880	5,495	795	4,728	24,406
1935	9,926	816	1,430	84,689	9	15,929	810	3,571	1,022	2,956	15,924
1936	5,269	553	912	52,016	248	21,584	659	3,315	1,096	1,157	9,490
1937	17,775	103,752	12,331	310,850	6,578	107,194	215	7,806	821	1,959	9,591
1938	11,292	67,021	5,106	343,958	784	115,784	111	4,212	815	2,959	8,501
1939	4,827	35,438	1,393	304,989	732	54,274	272	18,590	4,552	24,958	33,731
1940	1,987	21,866	1,256	394,002	245	40,557	218	15,744	5,262	9,782	66,393
1941	3,421	20,221	4,775	458,353	23	35,833	311	7,796	41,285	6,632	15,801
1942	2,178	9,062	3,186	424,431	15	33,403	10,019	58,194	83,764	1,214	426
1943	3,144	10,929	3,465	498,974	110	51,108	474	9,571	291,755	2,474	65
1944 <sup>s</sup>	4,694	15,769	5,021	509,166	1,747	56,711	192	8,121	185,778	965	83
1945 <sup>s</sup>	9,256	13,786	21,247	712,438	6,229	318,695	401	5,895	20,042	1,598	39,907
1946 <sup>s</sup>	16,000	108,334	23,380	841,359	573	367,207	748	7,479	933	1,503	43,138

Year beginning July—	Vegetable oils—Continued		Tobacco, unmanufactured							
	Peanut oil <sup>15</sup>	Soybean oil <sup>14</sup>	Leaf							Stems, trimmings, and scrap
			Bright flue-cured	Burley	Dark-fired Kentucky and Tennessee	Dark Virginia	Maryland and Ohio export	Other leaf tobacco	Total leaf tobacco	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934	3,353	244,473	14,664	63,565	10,516	5,624	14,505	353,347	21,311	
1935	4,410	322,792	8,609	54,926	9,748	5,932	15,522	417,539	15,129	
1936	4,859	302,640	11,123	51,286	9,855	5,449	14,651	295,004	21,880	
1937	6,589	261,919	11,264	45,381	8,209	4,311	12,440	443,524	16,039	
1938	<sup>2</sup> 5	6,882	362,501	10,675	47,636	8,958	4,944	14,957	449,671	24,087
1939	2,962	16,640	252,208	11,599	35,029	6,139	4,885	10,950	320,810	21,344
1940	5,522	16,007	135,517	4,885	1,575	3,004	1,906	5,775	162,662	16,964
1941	3,957	12,456	253,668	5,592	7,544	3,163	1,614	5,851	277,530	1,476
1942	640	40,890	251,836	4,869	10,724	6,888	2,063	5,370	281,750	192
1943	461	31,571	369,483	6,362	10,180	4,680	1,229	4,217	336,151	775
1944 <sup>s</sup>	157	88,259	395,709	6,269	28,892	3,363	1,712	9,144	445,080	746
1945 <sup>s</sup>	551	53,131	423,885	24,353	48,509	8,965	4,463	16,117	526,292	9,586
1946 <sup>s</sup>	707	86,868	480,586	36,958	25,150	7,274	5,882	14,962	570,812	21,204

See footnotes at end of table.

TABLE 601.—Exports of principal domestic agricultural products, 1934-46  
—Continued

Year beginning July—	Other principal agricultural products									
	Cotton and linters		Oil cake and oil-cake meal		Glucose and grape sugar	Hops	Sugar	Starch		
	Cotton	Linters	Cotton-seed	Lin-seed				Corn-starch and flour	Other starch	Total starch
	1,000 bales <sup>11</sup>	1,000 bales <sup>14</sup>	1,000 tons <sup>15</sup>	1,000 tons <sup>15</sup>	1,000 pounds	1,000 pounds	1,000 tons <sup>16</sup>	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	5,966	262	2	170	32,310	6,735	152	39,932	535	40,467
1935.....	6,397	305	9	206	39,119	6,349	94	54,526	815	55,341
1936.....	5,722	340	4	251	31,522	2,723	76	31,848	1,035	32,883
1937.....	5,899	352	79	248	46,972	5,603	58	121,744	826	122,570
1938.....	3,605	269	17	239	52,749	4,173	80	197,739	1,187	198,926
1939.....	6,471	433	6	191	131,588	8,058	210	223,643	2,680	226,323
1940.....	1,253	30	1	3	41,782	9,031	60	231,993	5,944	237,937
1941.....	1,202	41	1	6	42,908	10,158	133	229,396	14,029	243,425
1942.....	1,298	17	2	9	17,799	8,108	220	216,407	28,512	244,919
1943.....	1,281	74	1	1	17,360	7,055	615	126,314	5,235	131,549
1944 <sup>1</sup> .....	1,673	61	(6)	1	20,161	8,524	208	143,675	6,076	149,751
1945 <sup>2</sup> .....	3,629	27	(6)	(6)	16,356	14,398	293	63,013	4,778	67,791
1946 <sup>3</sup> .....	3,935	60	5	2	62,360	12,159	277	224,046	27,578	251,624

<sup>1</sup> Not separately classified prior to January 1941.<sup>2</sup> January to June.<sup>3</sup> Preliminary.<sup>4</sup> Includes barrels, baskets, and boxes (1 barrel=3 bushels; 1 basket or box=1 bushel).<sup>5</sup> Includes apple waste (except pomace).<sup>6</sup> Less than 500.<sup>7</sup> Conversion factors used: Barley malt, 1.1 bushels=1 bushel barley prior to 1944, 1 bushel malt (34 pounds)=1 bushel barley (48 pounds) 1944 to date; cornmeal, 1 barrel=4 bushels corn; oatmeal, 18 pounds=1 bushel of oats prior to 1943, 13.17 pounds of oatmeal=1 bushel of oats 1943 to date; paddy or rough rice, 162 pounds=105.3 pounds cleaned or milled (conversion factor revised retroactive to 1930); rice flour and meal, 1 pound=1 pound of cleaned or milled; rye flour, 1 barrel=6 bushels of rye; wheat flour, 1 barrel=4.7 bushels of wheat.<sup>8</sup> Includes malt.<sup>9</sup> Includes paddy or rough, beginning Jan. 1, 1933.<sup>10</sup> Grain only, beginning Jan. 1, 1933.<sup>11</sup> Includes domestic flour and flour ground from imported wheat.<sup>12</sup> Includes crude and refined.<sup>13</sup> Refined only, prior to 1941; 1941 to date includes crude and refined.<sup>14</sup> Bales of 500 pounds, gross.<sup>15</sup> Tons of 2,240 pounds.<sup>16</sup> Tons of 2,000 pounds.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census. Data for 1915-33 in Agricultural Statistics, 1942, table 693.

TABLE 602.—Imports (for consumption) of principal agricultural products, 1934-46

Year beginning July—	Dairy products						Eggs and egg products					
	Milk, fresh	Cream, fresh	Cheese				Butter	In the shell	Dried			
			Swiss	Cheddar	Other	Total			Whole	Yolks	Albumen	
	1,000 gallons	1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dozen	1,000 pounds	1,000 pounds	1,000 pounds		
1934	23	1	6,734	—	41,712	48,446	22,393	384	377	3,116	1,140	
1935	42	7	6,505	13,833	39,042	49,380	5,855	314	437	4,349	2,013	
1936	47	95	10,936	9,852	44,906	65,694	14,786	559	686	5,521	2,801	
1937	14	85	13,343	2,804	39,343	55,490	2,537	260	358	2,817	1,745	
1938	8	1	13,017	2,008	39,652	54,677	1,151	291	114	258	696	
1939	22	1	12,106	5,607	37,578	55,291	1,184	270	58	1,471	360	
1940	16	1	2,289	601	19,423	22,313	1,811	313	13	2,556	291	
1941	11	1	436	5	15,327	15,768	16,465	10,094	45	1,769	288	
1942	132	1	379	6,862	23,462	30,703	7,588	622	9	280	48	
1943	108	(2)	1,692	78	17,464	19,234	3,678	274	1	(2)	1	
1944 <sup>s</sup>	0	(2)	90	18	3,914	4,022	30	1,014	(2)	28	87	
1945 <sup>s</sup>	0	0	65	359	13,316	13,740	3,869	787	2	105	108	
1946 <sup>s</sup>	1	(2)	595	10	15,069	15,674	10,628	710	1	(2)	2	

  

Year beginning July—	Eggs and egg products—Continued			Tallow, edible and inedible	Casein or lactarene	Beef and veal		Hides and skins (except furs)					
	Frozen or otherwise prepared or preserved					Fresh	Canned, incl. corned	Cattle, excluding calf and kip		Goat and kid	Other hides and skins	Total hides and skins <sup>4</sup>	
	Whole	Yolks	Albumen					Wet (over 25 pounds)	Dry (over 25 pounds)				
													1,000 pounds
1934	5	1,006	0	190,138	1,784	5,038	69,489	86,157	411	60,714	64,532	211,814	
1935	0	666	(2)	133,005	11,396	6,387	88,192	147,083	3,767	82,668	93,622	327,140	
1936	25	1,499	0	57,662	11,414	3,537	80,123	133,775	5,305	86,379	101,705	327,164	
1937	1	887	(2)	1,751	954	3,801	84,303	68,688	1,131	56,938	61,692	188,449	
1938	(2)	168	0	1,062	558	2,124	80,653	106,275	3,682	68,568	101,859	280,474	
1939	(2)	0	0	1,824	27,351	3,034	82,942	129,144	9,270	69,167	109,430	317,711	
1940	(2)	12	0	5,560	36,412	26,690	62,467	259,676	22,443	68,075	123,877	474,071	
1941	(2)	0	0	76,241	31,855	33,563	125,819	288,082	41,210	74,998	129,387	533,677	
1942	(2)	42	0	56,626	5,216	4,165	76,224	224,314	27,013	56,143	115,621	461,091	
1943	0	0	(2)	57,507	46,331	1,710	68,086	109,705	19,605	44,455	128,948	302,713	
1944 <sup>s</sup>	47	(2)	0	65,955	55,841	3,206	108,578	62,813	9,116	36,802	130,102	238,833	
1945 <sup>s</sup>	2	0	0	3,852	47,494	2,908	28,252	15,230	5,200	28,288	126,596	175,314	
1946 <sup>s</sup>	2	(2)	0	1,216	28,678	2,450	4,084	35,745	12,793	53,503	101,539	203,580	

  

Year beginning July—	Wool, unmanufactured			Fibers, unmanufactured						Fruits	
	Duti-able	Free in bond for manu-facture	Total wool	Cot-ton <sup>5</sup>	Silk	Jute and jute butts	Manila or abaca	Sisal and henequen	Other fibers <sup>7</sup>	Avoca-dos	Banan-as
1934	27,466	95,322	122,788	116	61,104	49	40	74	31	5,622	51,987
1935	101,209	146,178	247,387	148	61,137	87	48	151	39	7,530	54,684
1936	181,413	188,318	369,731	266	66,889	97	40	119	52	9,118	63,963
1937	42,554	70,583	113,137	160	50,891	78	31	123	26	11,383	63,475
1938	65,969	129,694	195,663	166	52,682	38	33	104	31	10,315	58,180
1939	161,661	147,784	309,445	173	45,625	46	56	144	40	7,384	54,080
1940	472,803	177,175	649,978	203	47,719	56	70	131	42	11,607	51,658
1941	561,273	132,408	693,681	293	4,445	80	79	162	74	10,684	42,593
1942	1,294,518	35,765	1,330,283	182	(2)	109	1	177	34	1,730	20,937
1943	703,674	35,681	739,355	145	0	52	1	187	32	3,436	28,459
1944 <sup>s</sup>	551,381	93,045	644,426	186	30	30	9	172	28	2,035	38,187
1945 <sup>s</sup>	808,365	237,010	1,045,365	324	6,391	73	20	128	23	892	45,544
1946 <sup>s</sup>	659,695	194,024	853,719	304	8,348	35	55	114	37	4,889	58,923

See footnotes at end of table.

TABLE 602.—Imports (for consumption) of principal agricultural products, 1934-46—Continued

Year beginning July—	Fruits—Continued			Nuts						Oilseeds	
	Lemons	Limes in natural state or in brine	Olives in brine	In terms of shelled <sup>a</sup>				Cashew	Chest-nuts including marrons	Castor-beans	Copra
				Almonds	Brazil or cream	Peanuts	Wal-nuts, Persian (English)				
	1,000 boxes <sup>b</sup>	1,000 boxes <sup>b</sup>	1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1934.....	8	80	6,821	2,987	16,343	244	5,645	17,945	14,844	79,553	327,269
1935.....	79	129	6,442	10,756	21,689	210	4,292	21,166	16,000	142,682	464,252
1936.....	28	153	6,493	11,441	18,452	1,364	4,980	25,721	18,149	138,761	405,784
1937.....	60	109	5,444	3,073	12,790	4,568	4,741	26,117	22,213	142,321	566,651
1938.....	0	45	6,393	1,506	19,092	5,641	3,897	29,350	16,754	135,105	467,470
1939.....	(2)	52	6,907	1,375	21,088	5,774	4,570	25,404	14,420	196,449	559,683
1940.....	(2)	53	7,018	1,986	29,332	4,273	4,577	33,395	8,891	307,785	555,991
1941.....	(2)	47	4,928	3,723	19,364	1,859	2,791	31,549	2,762	391,108	360,990
1942.....	(2)	55	7,330	1,012	13,620	2,633	254	8,898	1,637	218,570	219,786
1943.....	(2)	74	9,348	11,327	1	1,240	2	7,330	968	341,592	183,926
1944 <sup>c</sup> .....	(2)	57	9,847	22,548	(2)	37,517	22	18,345	722	342,642	242,376
1945 <sup>d</sup> .....	(2)	71	10,532	18,296	8,373	21,470	383	29,721	301	261,868	314,152
1946 <sup>e</sup> .....	6	67	8,572	9,049	18,722	2	837	30,468	7,041	237,944	1,306,534

  

Year beginning July—	Oilseeds—Continued						Vegetable oils and fats				
	Flax-seed	Palm nuts and kernels	Poppy-seed	Rape-seed	Sesame seed	Soy-beans	Castor oil	Cocoa butter	Coco-nut oil	Cotton-seed oil	Lin-seed oil
1934.....	15,332	43,084	8,505	28,390	146,408	322	434	8	300,759	113,354	3,086
1935.....	15,888	15,193	6,570	24,322	118,083	208	147	14	349,691	145,910	1,161
1936.....	26,096	64,503	7,582	13,695	23,724	1,005	825	24	318,584	201,325	452
1937.....	17,861	51,088	7,511	7,368	4,072	185	(2)	12	344,775	70,673	243
1938.....	18,744	26,537	9,163	9,860	9,424	140	2	16	379,652	68,570	64
1939.....	13,212	16,973	8,358	6,742	15,485	117	40	14	319,565	10,793	18
1940.....	11,198	26,443	2,849	4,359	9,220	71	382	618	371,927	5,164	69
1941.....	23,270	2,782	2,560	2,152	9,743	28	1,971	1,253	258,579	31,043	56
1942.....	6,329	973	1,022	233	6,127	18	7,027	116	43,717	13,043	55,584
1943.....	16,940	10,899	315	2,577	6,250	18	23,679	6,277	42,668	4,272	84,580
1944 <sup>c</sup> .....	5,058	112,372	1,763	446	2,568	10	7,449	4,482	46,522	20,130	27,112
1945 <sup>d</sup> .....	3,429	19,209	2,664	1,801	4,329	260	4,124	3,021	10,181	18,921	105,452
1946 <sup>e</sup> .....	1,353	50	2,489	267	8,198	1	9,476	4,651	16,336	1	168,251

  

Year beginning July—	Vegetable oils and fats—Continued							Farinaceous substances			
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Perilla oil	Rape-seed oil	Soy-bean oil	Tung oil	Arrow-root <sup>10</sup>	Sago	Tapioca <sup>11</sup>
1934.....	115,153	193,412	32,933	59,928	42,002	35,738	11,344	112,372	4,020	18,962	182,940
1935.....	104,788	326,719	35,395	66,049	113,766	74,310	11,284	149,893	4,662	28,843	222,334
1936.....	96,666	354,748	95,661	45,088	54,870	25,350	22,237	147,510	4,190	39,791	390,803
1937.....	75,681	373,222	58,721	21,303	41,025	7,045	12,137	129,351	6,126	17,418	308,426
1938.....	104,111	272,248	3,607	15,978	39,312	7,432	2,526	96,460	6,868	22,789	301,177
1939.....	101,313	246,178	463	3,175	34,236	12,495	5,156	99,571	7,277	8,544	340,487
1940.....	36,540	254,968	0	1,576	9,321	13,161	2,846	52,495	7,399	10,018	352,369
1941.....	9,502	241,226	425	4,465	3,416	20,283	2	36,302	8,275	8,383	243,603
1942.....	7,312	44,700	0	45	603	31,594	0	68	4,527	0	4,137
1943.....	1,105	62,172	0	7	0	15,873	(2)	1,742	6,015	0	84,315
1944 <sup>c</sup> .....	7,791	80,835	0	(2)	0	17,577	0	29	4,430	0	27,941
1945 <sup>d</sup> .....	1,871	31,121	0	21	14	10,322	(2)	6,330	3,993	280	80,935
1946 <sup>e</sup> .....	17,230	47,981	0	146	0	5,150	5	107,184	5,050	5,533	280,386

See footnotes at end of table.

TABLE 602.—Imports (for consumption) of principal agricultural products, 1934-46—Continued

Year beginning July—	Vegetables						Other principal agricultural products				
	Beans, dried	Onions	Tomatoes, fresh	Potatoes, white or Irish			Cocoa or cacao beans	Coffee	Tea	Tobacco	
				Certified seed	Other	Total				Leaf	Stems, trimmings and scrap
	1,000 bushels <sup>11</sup>	1,000 bushels <sup>12</sup>	1,000 pounds	1,000 bushels <sup>11</sup>	1,000 bushels <sup>11</sup>	1,070 bushels <sup>11</sup>	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	580	252	77,169	119	413	532	529,076	1,552,027	83,572	51,316	6,954
1935.....	250	72	82,504	453	411	864	570,967	1,853,138	83,916	59,949	7,946
1936.....	979	101	97,037	938	446	384	682,947	1,760,814	92,271	60,809	8,499
1937.....	250	68	65,331	651	32	683	446,248	1,734,137	85,838	56,613	11,408
1938.....	121	82	54,861	949	65	1,014	643,992	1,965,250	89,600	64,623	11,462
1939.....	106	67	79,428	1,231	643	1,874	557,200	2,043,773	100,119	63,375	17,357
1940.....	151	26	132,781	716	214	930	891,138	2,534,621	101,687	67,261	10,582
1941.....	178	91	137,172	565	27	592	370,132	1,770,517	94,429	63,808	6,903
1942.....	43	220	167,915	1,104	16	1,120	417,324	1,801,021	51,540	74,015	7,397
1943.....	290	135	169,240	1,067	424	1,491	585,515	2,568,637	90,649	65,171	6,070
1944 <sup>3</sup> .....	50	48	210,874	2,638	6,488	3,126	742,312	2,495,408	89,542	71,557	5,466
1945 <sup>3</sup> .....	606	380	203,365	1,793	10	1,803	641,372	2,866,321	86,586	70,912	5,157
1946 <sup>3</sup> .....	127	146	263,168	2,257	2,346	4,603	568,484	2,475,555	90,063	83,633	8,775

Year beginning July—	Other principal agricultural products—Continued								
	Molasses			Sugar, raw and refined	Rubber and similar gums				
	Not for human consumption	Other molasses	Total molasses		Rubber, crude	Guayule	Jelutong or pontianak	Other similar gums	Total rubber and similar gums
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 tons <sup>13</sup>	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1934.....	242,304	8,737	251,041	3,367	965,390	563	9,686	5,967	981,606
1935.....	195,175	14,067	209,242	3,239	1,012,609	1,745	15,407	4,735	1,034,496
1936.....	311,304	19,315	330,619	2,964	1,194,189	3,973	13,045	3,444	1,214,651
1937.....	217,307	10,390	227,697	2,815	1,216,173	7,049	20,460	2,650	1,246,341
1938.....	177,601	8,030	185,631	2,565	938,511	4,639	16,777	3,312	963,239
1939.....	240,046	14,327	254,373	3,352	1,392,309	6,652	13,727	6,122	1,418,810
1940.....	331,359	11,727	343,086	3,514	2,106,175	9,310	19,064	6,382	2,140,931
1941.....	325,938	12,082	338,070	2,732	1,793,112	10,448	13,343	6,554	1,823,457
1942.....	143,973	625	144,598	2,228	129,227	16,927	79	3,608	149,841
1943.....	286,076	8,203	294,279	3,820	149,096	16,557	0	1,600	167,253
1944 <sup>3</sup> .....	205,390	3,518	208,908	4,212	298,092	19,257	197	2,663	320,209
1945 <sup>3</sup> .....	92,446	762	92,208	2,423	429,971	15,697	134	4,550	450,352
1946 <sup>3</sup> .....	112,028	805	112,833	3,345	1,426,839	11,962	2,393	6,306	1,448,000

<sup>1</sup> January-June.<sup>2</sup> Less than 500.<sup>3</sup> Preliminary.<sup>4</sup> Beginning January 1936, excludes weight of "other hides and skins" which are reported in pieces only.<sup>5</sup> Bales of 478 pounds, net. Excludes linters.<sup>6</sup> Tons of 2,240 pounds.<sup>7</sup> Includes flax, hemp, istle or Tampico, kapok, New Zealand fiber, crin vegetal, and other vegetable fibers except cotton linters.<sup>8</sup> Boxes of 76 pounds.<sup>9</sup> Conversion factors used: Almonds, 30 percent unshelled=shelled; Brazil or ice cream nuts, 49.35 percent unshelled=shelled; peanuts, 66.67 percent unshelled=shelled; walnuts, 42 percent unshelled=shelled.<sup>10</sup> Includes crude and manufactured.<sup>11</sup> Bushels of 60 pounds.<sup>12</sup> Bushels of 57 pounds.<sup>13</sup> Tons of 2,000 pounds.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and the United States Tariff Commission. Data for 1915-33 in Agricultural Statistics, 1942, table 694.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS</b>			<b>Cheese—Continued:</b>		
Dairy products:	1,000	1,000	L. A. Republics—Continued	1,000	1,000
Butter:	pounds	pounds	Guatemala.....	pounds	pounds
U. S. S. R.....	16,282	8	Honduras.....	16	50
Belgium and Luxembourg.....	4,943	20	Nicaragua.....	1	2
Czechoslovakia.....	3,580	132	Canal Zone.....	( <sup>3</sup> )	1
Poland and Danzig.....	2,692	316	Other L. A. Republics.....	507	947
Yugoslavia.....	1,750	0		27	99
Greece (incl. Aegean Islands).....	100	104	Total L. A. Republics.....	1,659	3,146
Italy.....	82	57	Curacao (N. W. I.).....	278	374
Germany.....	1	34	British West Indies <sup>4</sup> .....	60	197
Austria.....	( <sup>3</sup> )	8	French West Indies.....	33	0
Denmark.....	0	30	British Honduras.....	52	56
France.....	6	2	India and Dependencies.....	5,149	7
Netherlands.....	5	0	Egypt.....	1,519	0
United Kingdom.....	3	1	Iraq.....	131	0
Switzerland.....	0	825	British East Africa.....	10	2
Other Europe.....	4	2	Republic of Philippines.....	9	292
Total Europe.....	29,448	1,539	China.....	7	10
Iceland.....	235	0	Hong Kong.....	2	7
Greenland.....	5		Japan.....	0	( <sup>3</sup> )
Latin American Republics: <sup>2</sup>			Other countries.....	2,398	2,345
Colombia.....	20	17	Total.....	249,499	153,500
Mexico.....	8	12	Milk, condensed:		
Honduras.....	2	0	U. S. S. R.....	2,612	2,890
Cuba.....	0	1,105	France.....	15,533	13,939
Canal Zone.....	231	570	Greece.....	5,262	1,055
Panama Republic.....	61	285	Poland and Danzig.....	1,781	1,879
Haiti.....	( <sup>3</sup> )	21	Belgium and Luxembourg.....	8,705	2,279
Venezuela.....	0	432	Yugoslavia.....	3,989	508
Other L. A. Republics.....	4	8	Switzerland.....	84	241
Total L. A. Republics.....	326	2,450	United Kingdom.....	8	2,065
Curacao (N. W. I.).....	134	306	Italy.....	178	0
British West Indies <sup>4</sup> .....	10	3	Austria.....	2	111
French West Indies.....	32	15	Netherlands.....	42	0
Madagascar.....	137	2	Portugal.....	44	44
Liberia.....	19	37	Czechoslovakia.....	1,202	33
Netherlands East Indies.....	1,000	20	Other Europe.....	37	305
Japan.....	0	79	Total Europe.....	39,479	25,349
Republic of Philippines.....	45	185	Newfoundland and Labrador.....	165	504
China.....	15	16	Latin-American Republics: <sup>2</sup>		
Other countries.....	181	188	Brazil.....	163	12
Total.....	531,587	6,484	Bolivia.....	1,715	1,177
Cheese:			Peru.....	1,269	1,138
United Kingdom.....	113,875	124,622	Cuba.....	363	218
U. S. S. R.....	14,398	1,992	Costa Rica.....	395	467
Italy.....	11,749	225	Colombia.....	200	4
Belgium and Luxembourg.....	28,853	9,915	Mexico.....	58	83
France.....	23,991	1	Honduras.....	131	147
Greece.....	13,725	5,930	Guatemala.....	51	95
Poland and Danzig.....	10,706	2,920	Venezuela.....	79	130
Yugoslavia.....	10,074	228	Canal Zone.....	1,684	5,394
Czechoslovakia.....	6,242	71	Other L. A. Republics.....	376	742
Netherlands.....	3,811	( <sup>3</sup> )	Total L. A. Republics.....	6,484	9,607
Sweden.....	0	243	British Honduras.....	806	807
Switzerland.....	0	28	French West Indies.....	586	752
Albania.....	212	( <sup>3</sup> )	Curacao (N. W. I.).....	372	263
Malta, Gozo, and Cyprus.....	83	0	British West Indies <sup>4</sup> .....	570	393
Austria.....	1	6	Algeria.....	6,076	415
Germany.....	1	113	Union of South Africa.....	1,032	172
Other Europe.....	93	3	French Morocco.....	3,784	0
Total Europe.....	237,814	146,297	Tunisia.....	1,855	0
Canada.....	378	767	British East Africa.....	1,346	1,129
Latin American Republics: <sup>2</sup>			Madagascar.....	1,287	513
Venezuela.....	430	914	French West Africa.....	699	1,208
Mexico.....	392	511	Mozambique.....	973	898
Panama Republic.....	147	291	Belgian Congo.....	217	251
Haiti.....	30	104	French Equatorial Africa.....	220	20
Cuba.....	68	185	Gold Coast.....	257	204
Colombia.....	41	42	Cameroon.....	97	98
			Tangier.....	44	84

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
ANIMAL PRODUCTS—Continued					
Dairy products—Continued:					
Milk, condensed—Continued	1,000 pounds	1,000 pounds	Milk, evaporated—Continued	1,000 pounds	1,000 pounds
Egypt.....	25	0	Other French Africa.....	84	9
India and Dependencies.....	10,073	4,327	Other countries.....	7,976	4,080
Republic of Philippines.....	7,291	14,705	Total.....	873,504	580,487
China.....	2,251	1,674			
French Indo-China.....	1,390	2,441	Milk, dried, whole:		
Netherlands East Indies.....	1,059	3,808	Italy.....	19,297	669
Hong Kong.....	4	790	U. S. S. R.....	18,732	2,061
British Malaya.....	0	2,346	France.....	17,268	18,415
Siam (Thailand).....	0	504	Yugoslavia.....	9,874	19
Japan.....	0	3	United Kingdom.....	9,788	263
Other countries.....	4,151	1,835	Poland and Danzig.....	5,747	2,824
Total.....	92,593	75,100	Czechoslovakia.....	4,933	2
			Greece.....	4,775	812
Milk, evaporated:			Belgium and Luxembourg.....	2,094	1,305
United Kingdom.....	53,016	212,352	Austria.....	223	190
Italy.....	119,591	19,713	Netherlands.....	955	542
Belgium and Luxembourg.....	35,742	17,569	Portugal.....	2	4
France.....	9,754	56,060	Germany.....	23	3,613
Greece (incl. Aegean Islands).....	116,846	30,945	Hungary.....	478	279
Germany.....	0	23	Switzerland.....	36	1,852
Malta, Gozo and Cyprus.....	4,190	4,555	Other Europe.....	130	2
U. S. S. R.....	38,288	802	Total Europe.....	94,355	32,852
Poland and Danzig.....	92,559	42,561	Canada.....	53	27
Yugoslavia.....	50,807	3,413	Newfoundland and Labrador.....	18	14
Czechoslovakia.....	25,344	679	Latin American Republics: <sup>2</sup>		
Netherlands.....	18,608	257	Venezuela.....	13,027	23,190
Switzerland.....	4	3,025	Mexico.....	2,684	8,908
Austria.....	476	276	Canal Zone.....	1,618	1,260
Sweden.....	0	48	Colombia.....	1,272	1,553
Other Europe.....	263	282	Costa Rica.....	976	839
Total Europe.....	565,488	392,560	Panama Republic.....	818	1,035
Newfoundland and Labrador.....	4,119	5,519	Bolivia.....	634	583
Iceland.....	4	0	Peru.....	378	1,297
Latin American Republics: <sup>2</sup>			Brazil.....	267	3,145
Cuba.....	25,153	18,121	Cuba.....	159	148
Panama Republic.....	4,957	4,437	Other L. A. Republics.....	760	1,186
Mexico.....	7,370	5,735	Total L. A. Republics.....	22,593	43,144
Bolivia.....	1,874	1,477	Curacao (N. W. I.).....	761	701
Costa Rica.....	1,046	928	British West Indies <sup>4</sup> .....	219	544
Venezuela.....	1,188	1,666	China.....	13,119	5,225
Colombia.....	528	229	India and Dependencies.....	4,677	6,439
Peru.....	738	6,933	Republic of Philippines.....	1,776	3,133
Canal Zone.....	5,642	1,648	Netherlands East Indies.....	1,466	1,915
Other L. A. Republics.....	1,473	3,421	Egypt.....	983	36
Total L. A. Republics.....	49,969	44,595	Belgian Congo.....	698	712
Curacao (N. W. I.).....	4,690	5,156	Union of South Africa.....	577	2,987
British West Indies <sup>4</sup> .....	587	619	Iran.....	372	314
French West Indies.....	66	70	British West Africa <sup>7</sup> .....	234	282
British Honduras.....	293	202	British Malaya.....	42	2,416
Republic of Philippines.....	56,277	73,735	Japan.....	0	18
Egypt.....	13,463	687	Other countries.....	1,643	2,398
Netherlands East Indies.....	9,183	7,783	Total.....	143,586	103,157
Hong Kong.....	1,810	2,152			
Siam (Thailand).....	(5)	1,581	Nonfat dry milk solids:		
Union of South Africa.....	1,361	3,574	United Kingdom.....	45,388	89,608
China.....	33,682	26,017	Italy.....	34,015	11,477
British Malaya.....	131	8,417	Greece.....	20,857	610
Burma.....	1,853	162	Yugoslavia.....	18,865	3,354
India and Dependencies.....	111,851	184	Poland and Danzig.....	15,739	2,342
Gold Coast.....	1,166	1,059	U. S. S. R.....	10,882	6,179
Nigeria.....	1,059	880	France.....	10,265	719
Other British West Africa.....	391	608	Netherlands.....	7,767	243
Japan.....	0	134	Czechoslovakia.....	5,732	270
British East Africa.....	256	161	Belgium and Luxembourg.....	3,516	4,888
Iraq.....	1,928	2	Germany.....	0	18,414
Algeria.....	4,549	0	Austria.....	0	4,049
French Equatorial Africa.....	68	65			
Cameroon.....	30	19			
French West Africa.....	1,170	457			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>			<b>Egg albumen—Continued</b>		
Dairy products—Continued			Sweden.....	1,000 pounds	1,000 pounds
Nonfat dry milk solids—Con.:			Spain.....	36	61
Switzerland.....	0	1,859	Other Europe.....	24	12
Malta, Gozo and Cyprus.....	1	32	Total Europe.....	184	666
Albania.....	153	0	Iceland.....	( <sup>2</sup> )	0
Other Europe.....	1	118	Latin-American Republics: <sup>2</sup>		
Total Europe.....	173,186	144,162	Brazil.....	( <sup>2</sup> )	13
Canada.....	47	101	Canal Zone.....	0	27
Newfoundland and Labrador.....	0	52	Mexico.....	3	8
Latin-American Republics: <sup>2</sup>			Cuba.....	10	18
Mexico.....	512	1,156	Colombia.....	5	2
Cuba.....	457	1,153	Venezuela.....	4	5
Canal Zone.....	396	121	Other L. A. Republics.....	3	9
Panama Republic.....	248	242	Total L. A. Republics.....	25	82
Venezuela.....	215	324	Union of South Africa.....	5	9
Peru.....	48	80	Other countries.....	3	5
Costa Rica.....	27	11	Total.....	217	762
Brazil.....	4	633	Egg products, dried:		
Bolivia.....	2	30	United Kingdom.....	65,414	82,673
Other L. A. Republics.....	19	30	France.....	3,395	7
Total L. A. Republics.....	1,927	3,780	U. S. S. R.....	3,814	( <sup>2</sup> )
British West Indies <sup>4</sup> .....	40	168	Italy.....	2,816	50
Curacao (N. W. I.).....	15	246	Switzerland.....	66	622
China.....	13,243	9,305	Austria.....	1,120	5
India and Dependencies.....	3,705	9,996	Poland and Danzig.....	3,435	9
Palestine and Trans-Jordan.....	2,162	1,171	Greece.....	13	1,177
Republic of Philippines.....	1,057	2,129	Germany.....	175	530
Egypt.....	419	0	Belgium and Luxembourg.....	496	8
Union of South Africa.....	84	215	Czechoslovakia.....	1,666	2
Japan.....	0	4,686	Other Europe.....	266	20
Other countries.....	261	770	Total Europe.....	82,676	85,103
Total.....	196,146	176,681	Canada.....	18	2
Eggs and egg products:			Latin American Republics <sup>2</sup> .....	42	151
Eggs in the shell:	1,000 dozen	1,000 dozen	Egypt.....	432	631
United Kingdom.....	0	1,972	Japan.....	0	19
Switzerland.....	9,589	15,567	Palestine and Trans-Jordan.....	8	0
France.....	230	13	Other countries.....	1,270	458
Belgium and Luxembourg.....	150	9,749	Total.....	84,446	86,364
Sweden.....	1	5,231	Egg products, frozen:		
Other Europe.....	45	485	United Kingdom.....	0	16,855
Total Europe.....	10,015	33,022	Switzerland.....	711	301
Canada.....	83	176	Latin-American Republics <sup>2</sup> .....	119	233
Newfoundland and Labrador.....	8	11	Curacao (N. W. I.).....	13	13
Latin-American Republics: <sup>2</sup>			Other countries.....	159	1,336
Canal Zone.....	2,029	1,738	Total.....	1,002	18,738
Panama Republic.....	337	493	Egg products, otherwise preserved:		
Mexico.....	6,400	14,275	Switzerland.....	0	18
Cuba.....	98	3,764	Latin-American Republics <sup>2</sup> .....	( <sup>2</sup> )	3
Venezuela.....	1	1,251	Other countries.....	2	14
Other L. A. Republics.....	56	48	Total.....	2	35
Total L. A. Republics.....	8,921	21,569	Meats:		
Curacao (N. W. I.).....	510	666	Beef and veal, fresh or frozen:		
British West Indies <sup>4</sup> .....	30	81	United Kingdom.....	97,746	81,020
Republic of Philippines.....	503	1,322	Belgium and Luxembourg.....	75,055	8,798
Other countries.....	105	113	France.....	66,190	5,915
Total.....	20,175	56,960	Netherlands.....	37,540	807
Egg albumen:	1,000 pounds	1,000 pounds	Other Europe.....	0	5
France.....	( <sup>2</sup> )	20	Total Europe.....	276,531	96,545
Netherlands.....	0	22			
Belgium and Luxembourg.....	10	213			
United Kingdom.....	45	0			
Switzerland.....	66	325			

See footnotes on page 513.



TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>					
<b>Meats—Continued</b>					
Beef or veal, fresh or frozen—Con.					
Canada	13	251			
Latin-American Republics: <sup>2</sup>					
Canal Zone	1,712	413			
Mexico	28	21			
Panama Republic	6	13			
Cuba	0	22			
Other L. A. Republics	0	15			
<b>Total L. A. Republics</b>	<b>1,746</b>	<b>484</b>			
Curacao (N. W. I.)	643	777			
British West Indies <sup>4</sup>	614	265			
French West Indies	0	101			
Saudi Arabia	473	515			
State of Bahrein	192	120			
Republic of Philippines	0	176			
Liberia	0	5			
Other countries	21	336			
<b>Total</b>	<b>280,233</b>	<b>99,575</b>			
<b>Horse meat: (all kinds)</b>					
Netherlands	2,583	2,083			
Poland and Danzig	2,510	30,323			
Belgium and Luxembourg	876	7,230			
Czechoslovakia	571	23,731			
France	540	15,985			
Sweden	0	7,288			
Austria	0	12,020			
Switzerland	0	681			
Germany	0	295			
Other Europe	0	0			
<b>Total Europe</b>	<b>7,080</b>	<b>99,636</b>			
Canada	0	62			
Canal Zone	0	14			
Curacao (N. W. I.)	1	0			
China	0	583			
Liberia	0	3			
Belgian Congo	0	1			
Other countries	0	0			
<b>Total</b>	<b>7,081</b>	<b>100,299</b>			
<b>Mutton and lamb (except canned):</b>					
United Kingdom	12,742	662			
France	749	331			
Mexico	62	33			
Other L. A. Republics <sup>2</sup>	51	53			
British West Indies <sup>4</sup>	231	166			
Curacao (N. W. I.)	92	226			
Saudi Arabia	488	277			
Other countries	488	314			
<b>Total</b>	<b>14,903</b>	<b>2,062</b>			
<b>Pork, fresh or frozen:</b>					
United Kingdom	32,393	8,423			
Belgium and Luxembourg	17,246	3,733			
France	5,427	8,298			
Netherlands	1,783	1,727			
Switzerland	0	1,560			
Other Europe	1	2			
<b>Total Europe</b>	<b>56,850</b>	<b>23,743</b>			
Canada	509	2,880			
Pork, fresh or frozen—continued					
Newfoundland and Labrador	32	0			
Latin-American Republics: <sup>2</sup>					
Canal Zone	897	1,474			
Panama Republic	6	63			
Cuba	1	25			
Mexico	205	38			
Other L. A. Republics	( <sup>3</sup> )	4			
<b>Total L. A. Republics</b>	<b>1,109</b>	<b>1,609</b>			
Curacao (N. W. I.)	427	507			
British West Indies <sup>4</sup>	29	116			
Republic of Philippines	0	55			
Other countries	54	35			
<b>Total</b>	<b>59,010</b>	<b>28,945</b>			
<b>Bacon and sides:</b>					
United Kingdom	5,336	1,748			
U. S. S. R.	1,596	0			
France	447	10,839			
Italy	( <sup>5</sup> )	9,683			
Other Europe	1,143	1,936			
<b>Total Europe</b>	<b>8,522</b>	<b>24,206</b>			
Canada	65	251			
Newfoundland and Labrador	241	135			
Latin-American Republics: <sup>2</sup>					
Canal Zone	120	493			
Panama Republic	46	56			
Cuba	281	682			
Mexico	42	27			
Other L. A. Republics	83	114			
<b>Total L. A. Republics</b>	<b>572</b>	<b>1,372</b>			
British West Indies <sup>4</sup>	214	163			
Curacao (N. W. I.)	105	180			
Other countries	178	196			
<b>Total</b>	<b>9,897</b>	<b>26,493</b>			
<b>Hams and shoulders:</b>					
United Kingdom	6,784	500			
U. S. S. R.	1,520	( <sup>5</sup> )			
Other Europe	212	71			
<b>Total Europe</b>	<b>8,516</b>	<b>571</b>			
Newfoundland and Labrador	106	0			
Canada	3	4			
Latin-American Republics: <sup>2</sup>					
Cuba	1,578	1,278			
Canal Zone	373	730			
Panama Republic	239	111			
Venezuela	217	278			
Other L. A. Republics	249	125			
<b>Total L. A. Republics</b>	<b>2,666</b>	<b>2,522</b>			
British West Indies <sup>4</sup>	253	131			
Curacao (N. W. I.)	161	220			
French West Indies	15	1			
Republic of Philippines	242	312			
Other countries	171	137			
<b>Total</b>	<b>12,123</b>	<b>3,898</b>			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>					
<b>Meats—Continued</b>					
Pork, pickled or salted:			Pork, canned, continued:		
United Kingdom.....	237	0	France.....	18,318	215
Sweden.....	111	1,052	Yugoslavia.....	9,443	489
U. S. S. R.....	3,389	9,737	Czechoslovakia.....	6,640	3,321
Norway.....	1,028	39	Poland and Danzig.....	5,476	8,377
Czechoslovakia.....	6,750	2,963	Belgium and Luxembourg.....	4,722	1,904
Belgium and Luxembourg.....	1,370	1,301	Netherlands.....	2,253	177
Italy.....	5,066	13,320	Austria.....	1,219	4,717
Poland and Danzig.....	11,525	3,130	Greece.....	812	1,944
Austria.....	4,708	5,357	Germany.....	24	71
Other Europe.....	11,156	680	Other Europe.....	46	159
Total Europe.....	45,340	37,579	Total Europe.....	70,399	37,326
Canada.....	95	448	Canada.....	7	56
Newfoundland and Labrador.....	4,299	3,283	Latin-American Republics: <sup>2</sup>		
Latin-American Republics: <sup>2</sup>			Canal Zone.....	211	497
Cuba.....	5,623	6,330	Panama Republic.....	146	105
Canal Zone.....	70	134	Venezuela.....	312	513
Panama Republic.....	( <sup>3</sup> )	76	Mexico.....	186	175
Haiti.....	10	5	Cuba.....	245	300
Other L. A. Republics.....	9	9	Other L. A. Republics.....	194	190
Total L. A. Republics.....	5,712	6,554	Total L. A. Republics.....	1,294	1,780
British West Indies <sup>4</sup> .....	230	251	Curacao (N. W. I.).....	237	182
Curacao (N. W. I.).....	42	43	British West Indies <sup>4</sup> .....	142	145
French West Indies.....	0	265	Republic of Philippines.....	523	612
Other countries.....	72	188	India and Dependencies.....	100	( <sup>3</sup> )
Total.....	55,790	48,611	Netherlands East Indies.....	99	6,029
Beef, canned:			Egypt.....	69	( <sup>3</sup> )
United Kingdom.....	38	8	China.....	25	28
U. S. S. R.....	31,504	9,240	Japan.....	0	293
Czechoslovakia.....	25,352	4,478	Iraq.....	13	( <sup>3</sup> )
Yugoslavia.....	21,734	4,324	Other countries.....	629	390
Greece.....	20,730	7,366	Total.....	73,537	46,841
Poland and Danzig.....	18,254	4,648			
France.....	14,339	7	<b>Sausage, canned:</b>		
Italy.....	3,576	6,286	U.S.S.R.....	26,624	5,810
Austria.....	2,551	6,291	United Kingdom.....	9,931	186
Belgium and Luxembourg.....	1,757	3	Italy.....	1,675	2,213
Switzerland.....	15	0	Greece.....	3,138	3,045
Germany.....	12	44	France.....	3,345	1
Other Europe.....	5	6	Belgium and Luxembourg.....	5,429	( <sup>3</sup> )
Total Europe.....	139,867	42,701	Yugoslavia.....	6,431	841
Newfoundland and Labrador.....	82	19	Poland and Danzig.....	4,426	869
Canada.....	( <sup>3</sup> )	39	Netherlands.....	3,470	1,046
Latin-American Republics: <sup>2</sup>			Czechoslovakia.....	1,662	1,719
Canal Zone.....	97	184	Austria.....	1,574	985
Venezuela.....	67	96	Germany.....	303	514
Panama Republic.....	24	20	Other Europe.....	43	525
Brazil.....	( <sup>3</sup> )	2	Total Europe.....	68,051	17,754
Other L. A. Republics.....	48	93	Newfoundland and Labrador.....	40	22
Total L. A. Republics.....	236	395	Canada.....	( <sup>3</sup> )	3
British West Indies <sup>4</sup> .....	179	51	Latin-American Republics: <sup>2</sup>		
Curacao (N. W. I.).....	62	37	Canal Zone.....	110	95
French West Indies.....	73	6	Panama Republic.....	30	25
Netherlands East Indies.....	6,522	10,521	Venezuela.....	131	192
British Guiana.....	0	1	Colombia.....	60	42
Union of South Africa.....	2	38	Mexico.....	65	37
British West Africa <sup>7</sup> .....	15	0	Other L. A. Republics.....	94	91
Other countries.....	3,442	296	Total L. A. Republics.....	490	482
Total.....	150,480	54,104	Curacao (N. W. I.).....	158	64
Pork, canned:			British West Indies <sup>4</sup> .....	147	206
U. S. S. R.....	9,306	10,494	French West Indies.....	18	6
United Kingdom.....	10,722	91	Republic of Philippines.....	460	593
Italy.....	1,418	5,367	Netherlands East Indies.....	21	1,190
			Egypt.....	174	( <sup>3</sup> )
			Union of South Africa.....	62	31
			Gold Coast.....	9	5
			Nigeria.....	5	1

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>			<b>Oils and fats—Continued</b>		
Meats—Continued:	<i>1,000</i>	<i>1,000</i>	Lard, including neutral—Con.	<i>1,000</i>	<i>1,000</i>
Sausage, canned—Continued	<i>pounds</i>	<i>pounds</i>	Iceland.....	51	0
Other British West Africa.....	7	5	Latin-American Republics: <sup>2</sup>		
Iraq.....	18	( <sup>3</sup> )	Cuba.....	66,306	75,739
Japan.....	0	17	Mexico.....	16,137	23,189
Other countries.....	875	335	Colombia.....	3,460	3,905
Total.....	7,535	20,714	Venezuela.....	3,051	3,849
			Costa Rica.....	2,279	1,893
Other meats, canned:			Dominican Republic.....	0	418
U. S. S. R.....	199,290	58,267	Panama Republic.....	2,109	1,758
United Kingdom.....	252	1	Canal Zone.....	775	1,759
Italy.....	16,970	10,659	Haiti.....	829	823
Poland and Danzig.....	90,306	36,364	Ecuador.....	207	1,876
Czechoslovakia.....	58,453	22,905	Other L. A. Republics.....	812	2,270
France.....	936	407	Total L. A. Republics.....	96,035	117,579
Yugoslavia.....	99,133	215	French West Indies.....	543	953
Greece.....	61,330	3,437	Curacao (N. W. I.).....	254	288
Austria.....	9,994	2,041	British West Indies <sup>4</sup> .....	7	4
Albania.....	6,855	0	Algeria.....	1,743	131
Netherlands.....	868	( <sup>3</sup> )	Japan.....	0	2,108
Germany.....	17	79,054	Egypt.....	693	0
Other Europe.....	2,219	1,697	Other countries.....	1,794	2,080
Total Europe.....	546,623	215,047	Total.....	452,669	322,711
Newfoundland and Labrador.....	81	117	<b>Oleomargarine of animal or vegetable fats:</b>		
Canada.....	30	48	United Kingdom.....	0	5
Latin-American Republics: <sup>2</sup>			U. S. S. R.....	567	768
Canal Zone.....	134	315	Italy.....	22,668	7,122
Panama Republic.....	21	37	Malta, Gozo and Cyprus.....	704	0
Venezuela.....	100	294	Poland and Danzig.....	7,275	9,605
Mexico.....	20	51	France.....	2,339	13,590
Colombia.....	61	130	Austria.....	0	2,139
Cuba.....	37	31	Hungary.....	0	935
Other L. A. Republics.....	69	100	Other Europe.....	5,393	818
Total L. A. Republics.....	442	958	Total.....	38,946	34,982
Curacao (N. W. I.).....	61	59	Greenland.....	362	0
British West Indies <sup>4</sup> .....	59	103	Canada.....	102	38
Union of South Africa.....	74	214	Latin-American Republics: <sup>2</sup>	192	310
India and Dependencies.....	142	15	British West Indies <sup>4</sup> .....	357	293
Liberia.....	4	5	Curacao (N. W. I.).....	290	335
Belgian Congo.....	14	14	French West Indies.....	214	92
Iraq.....	16	0	British Guiana.....	156	85
Japan.....	0	1,156	Surinam.....	146	68
Korea.....	0	10,097	Egypt.....	2,618	0
Other countries.....	5,166	2,075	India and Dependencies.....	11,371	0
Total.....	552,712	229,908	Republic of Philippines.....	558	228
			Algeria.....	0	3,329
<b>Oils and fats:</b>			Iraq.....	470	0
Lard, including neutral:			Other countries.....	5,239	2,860
United Kingdom.....	113,553	34,707	Total.....	61,021	42,620
U. S. S. R.....	25,604	3,161	<b>Oleo oil:</b>		
Finland.....	310	5,036	Europe.....	129	0
Switzerland.....	0	1,130	Mexico.....	74	106
Malta, Gozo and Cyprus.....	321	0	Other countries.....	0	0
Italy.....	17,919	21,066	Total.....	203	106
France.....	84,023	69,397	<b>Honey:</b>		
Netherlands.....	12,454	5,131	Netherlands.....	40	2
Belgium and Luxembourg.....	26,868	8,093	Switzerland.....	32	0
Germany.....	1	2,645	U. S. S. R.....	6	0
Poland and Danzig.....	20,615	15,728	Finland.....	0	30
Czechoslovakia.....	16,003	5,278	Other Europe.....	4	30
Austria.....	9,744	18,098	Total Europe.....	82	62
Greece.....	6,290	1,878	Canada.....	63	4
Norway.....	2,245	0	Latin-American Republics: <sup>2</sup> .....	5	6
Yugoslavia.....	9,240	225			
Other Europe.....	1,901	1			
Total Europe.....	347,091	191,574			
Canada.....	4,136	7,382			
Newfoundland and Labrador.....	322	612			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>	<b>1,000</b>	<b>1,000</b>	<b>Fruits, fresh—Continued</b>	<b>1,000</b>	<b>1,000</b>
Honey—Continued	<i>pounds</i>	<i>pounds</i>	Apples in boxes—Continued	<i>boxes</i>	<i>boxes</i>
Curacao (N. W. I.)	2	9	Belgium and Luxembourg	0	335
French Morocco	22	0	Other Europe	( <sup>3</sup> )	13
Belgian Congo	21	3	Canada	45	289
Arabia Peninsula States	21	4	Newfoundland and Labrador	10	11
Hong Kong	10	2	Iceland	19	( <sup>3</sup> )
Republic of Philippines	9	22	Latin American Republics: <sup>2</sup>		
India and Dependencies	0	79	Cuba	296	279
Other countries	8	9	Mexico	185	280
Total	243	205	Brazil	0	131
			Panama Republic	4	11
<b>VEGETABLE PRODUCTS</b>			Canal Zone	25	21
Cotton and linters, unmanufactured <sup>3</sup> :	<b>1,000</b>	<b>1,000</b>	Venezuela	12	67
Cotton:	<i>bales</i>	<i>bales</i>	Colombia	3	25
United Kingdom	347	490	Other L. A. Republics	18	44
Czechoslovakia	73	114	Total L. A. Republics	543	858
Sweden	2	23	Curacao (N. W. I.)	15	24
Switzerland	31	22	British West Indies <sup>4</sup>	9	14
Spain	151	64	Republic of Philippines	164	530
France	957	409	Hong Kong	7	192
Belgium and Luxembourg	62	194	Other countries	21	160
Poland and Danzig	117	49	Total	1,290	4,100
Netherlands	49	126			
Germany	0	206			
Italy	409	553	<b>Grapes, fresh:</b>	<b>1,000</b>	<b>1,000</b>
Other Europe	150	112	United Kingdom	<i>pounds</i>	<i>pounds</i>
Total Europe	2,348	2,362	Other Europe	0	2,600
Canada	323	340	Canada	6	570
China	701	518	Latin American Republics: <sup>2</sup>	50,607	51,276
Japan	228	648	Mexico	3,605	6,657
Australia	13	9	Brazil	529	2,951
Other countries	16	58	Cuba	2,231	2,517
Total	3,629	3,935	Venezuela	96	600
			Panama Republic	21	197
<b>Linters:</b>			Canal Zone	314	192
France	7	9	Colombia	112	254
United Kingdom	0	27	Other L. A. Republics	277	571
Other Europe	2	5	Total L. A. Republics	7,185	13,939
Canada	18	19	British West Indies <sup>4</sup>	94	142
Other countries	( <sup>3</sup> )	( <sup>3</sup> )	Curacao (N. W. I.)	27	115
Total	27	60	Republic of Philippines	0	2,541
			British Malaya	0	27
<b>Fruits, fresh:</b>	<b>1,000</b>	<b>1,000</b>	Hong Kong	0	377
Apples in barrels:	<i>barrels</i>	<i>barrels</i>	Ceylon	0	17
United Kingdom	0	17	China	0	332
Sweden	0	22	Other countries	214	246
Canada	( <sup>3</sup> )	2	Total	58,133	72,182
Brazil	0	5			
Other countries	0	( <sup>3</sup> )	<b>Pears, fresh:</b>	<b>1,000</b>	<b>1,000</b>
Total	( <sup>3</sup> )	46	United Kingdom	<i>boxes</i>	<i>boxes</i>
			Eire (Ireland)	0	43,734
<b>Apples in baskets:</b>	<b>1,000</b>	<b>1,000</b>	Sweden	8,910	17,315
United Kingdom	<i>baskets</i>	<i>baskets</i>	Other Europe	0	2,362
Sweden	2	14	Total Europe	8,910	63,481
Canada	( <sup>3</sup> )	97	Canada	30,021	28,210
Cuba	9	8	Newfoundland and Labrador	117	77
Other L. A. Republics <sup>2</sup>	4	17	Latin American Republics: <sup>2</sup>		
Other countries	4	45	Brazil	3,538	7,380
Total	19	942	Cuba	3,085	2,798
			Panama Republic	122	203
<b>Apples in boxes:</b>	<b>1,000</b>	<b>1,000</b>	Canal Zone	330	258
United Kingdom	<i>boxes</i>	<i>boxes</i>	Mexico	2,069	1,898
Netherlands	0	894	Venezuela	202	921
Netherlands	0	44	Other L. A. Republics	151	310
Sweden	457	736	Total L. A. Republics	9,497	13,768

See footnotes on page 518.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>			<b>Fruits, dried and evaporated—Con.</b>		
Fruits, fresh—Continued:			Apples, dried—Continued		
Pears, fresh—Continued	1,000 pounds	1,000 pounds	Cuba.....	1,000 pounds	1,000 pounds
British West Indies <sup>4</sup> .....	208	124	Venezuela.....	29	18
Curacao (N. W. I.).....	82	226	Bolivia.....	45	78
Egypt.....	( <sup>3</sup> )	878	Canal Zone.....	21	21
Other countries.....	69	912	Brazil.....	20	13
Total.....	48,904	107,676	Other L. A. Republics.....	4	21
				52	54
			Total L. A. Republics.....	207	248
<b>Grapefruit:</b>			British West Indies <sup>4</sup> .....		
Sweden.....	1,000 boxes	1,000 boxes	Curacao (N. W. I.).....	16	3
Netherlands.....	76	98	Netherlands East Indies.....	18	27
United Kingdom.....	3	39	Egypt.....	7	188
Belgium and Luxembourg.....	1	499	Union of South Africa.....	270	3
Other Europe.....	0	360	Palestine and Trans-Jordan.....	0	100
Total Europe.....	2	14	Other countries.....	0	71
				313	41
			Total.....	3,692	9,250
Canada.....	1,806	1,761	<b>Apple waste, dried:<sup>9</sup></b>		
Other countries.....	31	22	Belgium and Luxembourg.....	0	334
Total.....	1,919	2,793	United Kingdom.....	0	230
			Netherlands.....	0	108
			Other countries.....	( <sup>3</sup> )	1
			Total.....	( <sup>3</sup> )	673
<b>Lemons:</b>			<b>Apricots, dried:</b>		
Europe.....	13	15	Italy.....	630	1
Canada.....	547	438	Sweden.....	1	553
Other countries.....	47	23	United Kingdom.....	1	70
Total.....	607	476	Switzerland.....	22	517
			U. S. S. R.....	391	0
			Belgium and Luxembourg.....	0	1,792
			Netherlands.....	0	146
			Norway.....	543	0
			Other Europe.....	37	15
			Total Europe.....	1,625	3,094
Oranges:			Canada.....	18	2,561
Sweden.....	497	405	Newfoundland and Labrador.....	64	359
Netherlands.....	61	140	Iceland.....	63	2
Belgium and Luxembourg.....	1	1,033	<b>Latin-American Republics:<sup>2</sup></b>		
United Kingdom.....	1	1	Brazil.....	29	293
Other Europe.....	20	28	Mexico.....	16	133
Total Europe.....	580	1,624	Cuba.....	550	27
			Canal Zone.....	29	10
			Other L. A. Republics.....	37	118
			Total L. A. Republics.....	661	581
Canada.....	6,302	5,504	Curacao (N. W. I.).....	7	15
Iceland.....	26	( <sup>3</sup> )	Egypt.....	86	8
Newfoundland and Labrador.....	13	22	Other countries.....	213	239
Mexico.....	54	75	Total.....	2,737	6,859
Canal Zone.....	36	13			
British West Indies <sup>4</sup> .....	20	28	<b>Figs, dried:</b>		
Curacao (N. W. I.).....	11	14	Sweden.....	531	205
Republic of Philippines.....	357	393	Netherlands.....	435	0
China.....	137	177	Belgium and Luxembourg.....	0	66
Hong Kong.....	29	275	Germany.....	0	101
Other countries.....	2	34	Italy.....	0	12
Total.....	7,567	8,159	Other Europe.....	1	( <sup>3</sup> )
			Canada.....	1,168	3,344
			Iceland.....	136	3
			Latin-American Republics: <sup>2</sup> .....	167	209
			Union of South Africa.....	23	58
			Other countries.....	77	127
			Total.....	2,538	4,125
<b>Fruits, dried and evaporated:</b>			<b>Apples, dried:</b>		
Sweden.....	1,000 pounds	1,000 pounds	Sweden.....	1	2,843
United Kingdom.....	544	4,385	United Kingdom.....	544	4,385
Belgium and Luxembourg.....	568	516	Belgium and Luxembourg.....	568	516
Switzerland.....	106	30	Switzerland.....	106	30
Norway.....	558	0	Norway.....	558	0
Germany.....	0	140	Germany.....	0	140
Netherlands.....	44	108	Netherlands.....	44	108
Other Europe.....	778	14	Other Europe.....	778	14
Total Europe.....	2,599	8,036	Total Europe.....	2,599	8,036
Newfoundland and Labrador.....	32	51			
Iceland.....	106	8			
Canada.....	124	474			
Latin-American Republics: <sup>2</sup>					
Mexico.....	36	43			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—Continued</b>					
Fruits, dried and evap.—Con.:					
Fruits for salad, dried:	<i>1,000 pounds</i>	<i>1,000 pounds</i>			
Sweden.....	3,798	20,240	Prunes, dried—Continued	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Other Europe.....	0	99	Eire (Ireland).....	1,830	2,415
Total Europe.....	3,798	20,339	Switzerland.....	4,453	1,072
Canada.....	0	113	United Kingdom.....	71,643	62,147
Latin-American Republics: <sup>2</sup>			U. S. S. R.....	453	0
Republic of Philippines.....	11	22	Belgium and Luxembourg.....	2,795	13,279
Other countries.....	22	7	Netherlands.....	106	1,350
Total.....	27	30	Italy.....	1,216	698
			France.....	2	6
			Germany.....	( <sup>3</sup> )	5
			Norway.....	3,055	505
			Other Europe.....	4,824	676
			Total Europe.....	101,161	93,909
Peaches, dried:			Canada.....	29,733	24,481
Sweden.....	1	1,197	Newfoundland and Labrador.....	957	471
United Kingdom.....	1	18,551	Iceland.....	989	86
Belgium and Luxembourg.....	105	112	Latin-American Republics: <sup>2</sup>		
Italy.....	1,060	0	Argentina.....	163	21
Netherlands.....	( <sup>3</sup> )	5	Brazil.....	2,460	2,922
Other Europe.....	303	47	Cuba.....	1,508	866
Total Europe.....	1,470	19,912	Mexico.....	1,690	1,233
Canada.....	63	2,992	Uruguay.....	857	495
Newfoundland and Labrador.....	108	152	Venezuela.....	643	930
Iceland.....	69	0	Panama Republic.....	194	128
Latin-American Republics: <sup>2</sup>			Canal Zone.....	166	152
Mexico.....	120	148	Other L. A. Republics.....	1,090	1,110
Venezuela.....	68	112	Total L. A. Republics.....	8,771	7,857
Cuba.....	272	21	British West Indies <sup>4</sup> .....	448	412
Canal Zone.....	15	16	Curacao (N. W. I.).....	114	126
Other L. A. Republics.....	71	83	French West Indies.....	0	12
Total L. A. Republics.....	546	380	New Zealand.....	4,180	2,923
British West Indies <sup>4</sup> .....	7	2	Republic of Philippines.....	2,903	896
Curacao (N. W. I.).....	9	5	Egypt.....	131	1,525
Egypt.....	208	1,111	India and Dependencies.....	1,062	346
Other countries.....	1,713	809	Netherlands East Indies.....	0	1,041
Total.....	4,193	25,363	Union of South Africa.....	283	2,563
			Other countries.....	3,702	1,092
			Total.....	154,414	137,740
Pears, dried:			Raisins and currants:		
Sweden.....	1	4	United Kingdom.....	49,128	32,649
United Kingdom.....	0	130	Eire (Ireland).....	4,421	5,347
Switzerland.....	199	50	Sweden.....	1,051	4,689
Italy.....	159	0	Finland.....	0	16
Belgium and Luxembourg.....	21	66	Switzerland.....	873	949
Netherlands.....	0	90	Denmark.....	0	3
Other Europe.....	83	18	Belgium and Luxembourg.....	2,296	1,420
Total Europe.....	463	358	Netherlands.....	5,705	767
Canada.....	171	492	France.....	2	13
Newfoundland and Labrador.....	73	30	Norway.....	2,653	( <sup>3</sup> )
Iceland.....	59	0	Germany.....	56	21
Latin-American Republics: <sup>2</sup>			U. S. S. R.....	614	0
Venezuela.....	50	94	Other Europe.....	341	142
Mexico.....	107	100	Total Europe.....	67,140	46,016
Cuba.....	43	34	Canada.....	29,067	1,762
Brazil.....	8	8	Newfoundland and Labrador.....	2,606	647
Colombia.....	10	8	Iceland.....	1,090	21
Other L. A. Republics.....	36	20	Latin-American Republics: <sup>2</sup>		
Total L. A. Republics.....	254	264	Venezuela.....	413	689
British West Indies <sup>4</sup> .....	4	( <sup>3</sup> )	Mexico.....	2,351	2,043
Curacao (N. W. I.).....	7	5	Argentina.....	99	86
Egypt.....	14	2	Cuba.....	389	1,057
Other countries.....	181	60	Brazil.....	553	1,165
Total.....	1,226	1,211	Colombia.....	255	596
			Uruguay.....	402	109
			Other L. A. Republics.....	851	988
Prunes, dried:			Total L. A. Republics.....	5,313	6,733
Sweden.....	10,784	11,726			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
Raisins and currants—Continued			Apricots, canned:		
British West Indies <sup>4</sup> .....	638	535	Eire (Ireland).....	0	306
Curacao (N. W. I.).....	133	159	United Kingdom.....	12,106	13,014
Hong Kong.....	39	712	Sweden.....	564	1,806
China.....	296	1,927	Italy.....	1,643	10
British Malaya.....	45	171	Belgium and Luxembourg.....	172	9,206
Republic of Philippines.....	3,620	1,410	France.....	0	7
Egypt.....	119	0	Netherlands.....	0	1,012
Other countries.....	500	645	Other Europe.....	352	340
Total.....	110,606	60,738	Total Europe.....	14,837	25,701
Other fruits, dried and evaporated:			Newfoundland and Labrador.....	122	726
Germany.....	( <sup>3</sup> )	94	Canada.....	448	1,952
Sweden.....	( <sup>3</sup> )	3,077	Iceland.....	40	10
Other Europe.....	19	25	Latin-American Republics: <sup>2</sup>		
Total Europe.....	19	3,196	Venezuela.....	116	620
Canada.....	23	442	Panama Republic.....	74	58
Newfoundland and Labrador.....	0	4	Canal Zone.....	135	52
Iceland.....	31	8	Colombia.....	44	134
Latin-American Republics: <sup>2</sup>			Costa Rica.....	42	100
Brazil.....	15	93	Cuba.....	159	244
Cuba.....	2	2	Peru.....	15	87
Mexico.....	2	9	Mexico.....	15	33
Venezuela.....	( <sup>3</sup> )	20	Other L. A. Republics.....	69	172
Canal Zone.....	0	5	Total L. A. Republics.....	669	1,500
Dominican Republic.....	( <sup>3</sup> )	4	British West Indies <sup>4</sup> .....	97	110
Other L. A. Republics.....	1	28	Curacao (N. W. I.).....	54	130
Total L. A. Republics.....	20	161	Republic of Philippines.....	283	374
Curacao (N. W. I.).....	2	3	Netherland East Indies.....	76	1,532
British West Indies <sup>4</sup> .....	2	32	British Malaya.....	432	34
Republic of Philippines.....	15	51	Egypt.....	807	32
Other countries.....	7	29	Belgian Congo.....	37	56
Total.....	119	3,926	India and Dependencies.....	12,188	113
Dates, fresh, dried or otherwise prepared:			Union of South Africa.....	4	297
Canada.....	71	3,436	Other countries.....	1,349	675
Iceland.....	36	0	Total.....	31,443	33,242
Newfoundland and Labrador.....	6	9	Cherries, canned:		
Mexico.....	69	88	Europe.....	124	190
Latin-American Republics: <sup>2</sup>			Canada.....	20	21
Canal Zone.....	109	379	Newfoundland and Labrador.....	8	11
Other countries.....	41	373	Latin-American Republics: <sup>2</sup>		
Total.....	332	4,285	Canal Zone.....	182	38
Fruits, canned:			Panama Republic.....	24	15
Apples and applesauce, canned:			Venezuela.....	65	227
Europe.....	79	62	Colombia.....	24	84
Newfoundland and Labrador.....	5	3	Cuba.....	90	40
Canada.....	3	788	Peru.....	6	22
Latin-American Republics: <sup>2</sup>			Brazil.....	6	172
Panama Republic.....	55	28	Mexico.....	4	18
Canal Zone.....	341	276	Costa Rica.....	10	13
Venezuela.....	77	222	Nicaragua.....	5	15
Cuba.....	66	140	Other L. A. Republics.....	27	49
Mexico.....	27	28	Total L. A. Republics.....	443	693
Other L. A. Republics.....	57	68	British West Indies <sup>4</sup> .....	9	33
Total L. A. Republics.....	623	762	Curacao (N. W. I.).....	36	64
British West Indies <sup>4</sup> .....	16	82	Republic of Philippines.....	259	427
Curacao (N. W. I.).....	61	196	Union of South Africa.....	47	261
Republic of Philippines.....	45	42	Netherlands East Indies.....	( <sup>3</sup> )	10
Netherlands East Indies.....	6	511	China.....	70	771
India and Dependencies.....	86	0	Belgian Congo.....	40	40
Belgian Congo.....	91	144	Siam (Thailand).....	0	27
Liberia.....	5	3	Hong Kong.....	5	15
Other countries.....	115	68	Egypt.....	1	7
Total.....	1,135	2,661	Liberia.....	1	6
			Other countries.....	113	150
			Total.....	1,176	2,726

See footnotes on page 513.

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TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Fruits, canned—Continued:					
Fruits for salad, canned:	<i>1,000</i>	<i>1,000</i>		<i>1,000</i>	<i>1,000</i>
	<i>pounds</i>	<i>pounds</i>		<i>pounds</i>	<i>pounds</i>
Belgium and Luxembourg.....	70	1,800	Other berries, canned—Continued	12	26
Eire (Ireland).....	0	25	Curacao (N. W. I.).....	2	11
Sweden.....	214	1,167	Republic of Philippines.....	1	10
United Kingdom.....	4,476	15,674	Union of South Africa.....	31	42
Switzerland.....	461	770	Other countries.....		
Other Europe.....	349	514	Total.....	563	893
Total Europe.....	5,570	19,950			
Canada.....	49	1,575	Peaches, canned:		
Newfoundland and Labrador.....	122	166	Eire (Ireland).....	( <sup>3</sup> )	792
Iceland.....	109	6	Sweden.....	990	3,522
Latin-American Republics: <sup>2</sup>			United Kingdom.....	13	23,427
Cuba.....	1,763	2,459	Italy.....	3,616	13
Venezuela.....	303	1,318	Belgium and Luxembourg.....	( <sup>2</sup> )	5,744
Panama Republic.....	421	344	France.....	18	14
Canal Zone.....	151	140	Netherlands.....	( <sup>3</sup> )	451
Peru.....	44	192	Other Europe.....	1,230	885
Colombia.....	121	229	Total Europe.....	5,867	34,848
Costa Rica.....	85	132	Newfoundland and Labrador.....	314	452
Nicaragua.....	44	85	Canada.....	514	1,134
El Salvador.....	34	46	Iceland.....	17	10
Mexico.....	38	83	Latin-American Republics: <sup>2</sup>		
Bolivia.....	4	11	Cuba.....	3,035	3,141
Other L. A. Republics.....	144	222	Canal Zone.....	228	192
Total L. A. Republics.....	3,152	5,261	Panama Republic.....	278	211
Curacao (N. W. I.).....	91	214	Venezuela.....	496	1,268
British West Indies <sup>4</sup> .....	60	221	Peru.....	153	911
Republic of Philippines.....	916	1,299	Brazil.....	79	1,306
Netherlands East Indies.....	434	147	Colombia.....	277	305
Egypt.....	129	214	Other L. A. Republics.....	601	701
Belgian Congo.....	89	127	Total L. A. Republics.....	5,147	8,035
India and Dependencies.....	6,065	129	British West Indies <sup>4</sup> .....	146	434
Other countries.....	604	1,107	Curacao (N. W. I.).....	213	312
Total.....	17,390	30,416	Union of South Africa.....	231	1,426
			Republic of Philippines.....	2,739	1,900
Grapefruit, canned:			Egypt.....	323	25
United Kingdom.....	7	41,648	Netherlands East Indies.....	2,264	1,510
Belgium and Luxembourg.....	0	667	India and Dependencies.....	7,938	18
Other Europe.....	25	367	China.....	452	730
Total Europe.....	32	42,682	Japan.....	0	14
Newfoundland and Labrador.....	9	199	Other countries.....	757	834
Canada.....	( <sup>3</sup> )	1,243	Total.....	26,922	51,682
Iceland.....	2	2			
Latin-American Republics: <sup>2</sup>			Pears, canned:		
British West Indies <sup>4</sup> .....	0	22	Eire (Ireland).....	( <sup>3</sup> )	627
Curacao (N. W. I.).....	6	40	United Kingdom.....	624	8,382
Other countries.....	52	316	Sweden.....	548	1,043
Total.....	116	44,610	Switzerland.....	402	385
			Italy.....	650	5
Grapes, canned:			France.....	10	4
Canada.....	0	1	Netherlands.....	0	31
Latin-American Republics: <sup>2</sup>	1	( <sup>3</sup> )	Germany.....	2	11
Other countries.....	0	2	Other Europe.....	126	581
Total.....	1	3	Total Europe.....	2,362	11,069
Loganberries, canned:			Canada.....	214	190
Latin-American Republics: <sup>2</sup>	8	15	Newfoundland and Labrador.....	204	83
Other countries.....	0	( <sup>3</sup> )	Iceland.....	30	22
Total.....	8	15	Latin-American Republics: <sup>2</sup>		
Other berries, canned:			Cuba.....	1,701	2,151
Canada.....	351	530	Venezuela.....	315	984
Newfoundland and Labrador.....	4	15	Panama Republic.....	233	172
Latin-American Republics: <sup>2</sup>	158	245	Canal Zone.....	208	62
British West Indies <sup>4</sup> .....	4	14	Colombia.....	134	166
			Costa Rica.....	77	48
			Other L. A. Republics.....	277	296
			Total L. A. Republics.....	2,945	3,879

See footnotes on page 513.



TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47 <sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Fruits, canned—Continued					
Pears, canned—Continued					
British West Indies <sup>4</sup> .....	89	178			
Curacao (N. W. I.).....	165	221			
French West Indies.....	5	6			
India and Dependencies.....	4, 223	21			
Netherlands East Indies.....	192	77			
Egypt.....	171	2			
Other countries.....	975	1, 077			
Total.....	11, 575	16, 805			
Pineapples, canned:					
Eire (Ireland).....	0	277			
Switzerland.....	899	2, 106			
United Kingdom.....	8, 005	3, 696			
U. S. S. R.....	145	0			
Sweden.....	2, 285	1, 777			
Italy.....	527	2			
Belgium and Luxembourg.....	24	4, 970			
France.....	13	3			
Norway.....	0	34			
Netherlands.....	0	129			
Germany.....	3	16			
Other Europe.....	360	293			
Total Europe.....	12, 261	13, 303			
Canada.....	67	1, 693			
Newfoundland and Labrador.....	28	207			
Iceland.....	11	4			
Latin-American Republics: <sup>2</sup>					
Canal Zone.....	311	163			
Panama Republic.....	38	16			
Venezuela.....	95	133			
Peru.....	24	62			
Mexico.....	10	9			
Other L. A. Republics.....	26	107			
Total L. A. Republics.....	504	490			
Curacao (N. W. I.).....	105	138			
British West Indies <sup>4</sup> .....	70	128			
Republic of Philippines.....	397	716			
China.....	139	257			
India and Dependencies.....	6, 510	0			
Egypt.....	628	54			
Other countries.....	1, 183	343			
Total.....	21, 903	17, 333			
Prunes and plums, canned:					
United Kingdom.....	207	3, 091			
Other Europe.....	65	821			
Canada.....	244	104			
Newfoundland and Labrador.....	32	97			
Iceland.....	17	0			
Latin-American Republics: <sup>2</sup>					
Venezuela.....	151	234			
Canal Zone.....	122	51			
Panama Republic.....	20	55			
Cuba.....	227	153			
Brazil.....	18	104			
Mexico.....	16	27			
Costa Rica.....	17	24			
Colombia.....	32	91			
Ecuador.....	4	2			
Other L. A. Republics.....	25	37			
Total L. A. Republics.....	632	778			
Curacao (N. W. I.).....	38	91			
British West Indies <sup>4</sup> .....	8	34			
Union of South Africa.....	10	62			
Republic of Philippines.....	388	99			
Netherlands East Indies.....	1	2, 433			
Belgian Congo.....	58	23			
Other countries.....	127	222			
Total.....	1, 827	7, 855			
Other fruits, canned:					
Sweden.....	6	171			
Eire (Ireland).....	0	5			
United Kingdom.....	1	456			
Italy.....	16	26			
France.....	1	6			
Other Europe.....	211	437			
Total Europe.....	235	1, 101			
Newfoundland and Labrador.....	31	17			
Canada.....	4	221			
Latin-American Republics: <sup>2</sup>					
Venezuela.....	34	260			
Mexico.....	13	41			
Canal Zone.....	18	25			
Panama Republic.....	6	12			
Cuba.....	43	284			
Colombia.....	12	23			
Brazil.....	3	213			
Other L. A. Republics.....	13	46			
Total L. A. Republics.....	142	904			
Curacao (N. W. I.).....	24	79			
British West Indies <sup>4</sup> .....	3	47			
Republic of Philippines.....	39	67			
Belgian Congo.....	( <sup>3</sup> )	45			
Union of South Africa.....	40	24			
Egypt.....	0	9			
India and Dependencies.....	1, 740	10			
Other countries.....	65	148			
Total.....	2, 323	2, 672			
Fruit pulp:					
United Kingdom.....	1, 066	0			
Newfoundland and Labrador.....	12	42			
Canada.....	632	1, 013			
Mexico.....	1	23			
Bahamas.....	758	60			
Other countries.....	18	181			
Total.....	2, 487	1, 319			
Grapefruit juice:					
Belgium and Luxembourg.....	42	236			
Italy.....	56	38			
U. S. S. R.....	696	0			
Poland and Danzig.....	1, 475	177			
Czechoslovakia.....	1, 188	394			
Yugoslavia.....	1, 151	( <sup>3</sup> )			
Greece.....	903	169			
Germany.....	2	475			
Other Europe.....	37	95			
Total Europe.....	5, 550	1, 584			
Canada.....	1, 184	6, 796			
Newfoundland and Labrador.....	29	44			
Iceland.....	4	0			
Latin-American Republics: <sup>2</sup>					
Canal Zone.....	22	22			
Panama Republic.....	2	4			
Venezuela.....	22	29			
Cuba.....	1	3			
Mexico.....	20	23			
Other L. A. Republics.....	9	16			
Total L. A. Republics.....	76	97			
British West Indies <sup>4</sup> .....	7	20			
Curacao (N. W. I.).....	4	9			
British Malaya.....	1	10			
Netherlands East Indies.....	11	7			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<b>Other fruit juices—Continued</b>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Grapefruit juice—Continued			Latin-American Republics—Con.		
Republic of Philippines.....	22	10	Mexico.....	25	69
China.....	60	18	Cuba.....	94	136
Japan.....	0	6	Dominican Republic.....	14	22
Other countries.....	38	22	Brazil.....	2	33
Total.....	6,986	8,623	Ecuador.....	7	1
<b>Orange juice:</b>			Colombia.....	15	32
Italy.....	41	124	Peru.....	3	5
United Kingdom.....	737	1,230	Other L. A. Republics.....	20	21
Poland and Danzig.....	1,260	( <sup>2</sup> )	Total L. A. Republics.....	359	866
U. S. S. R.....	242	0	Curacao (N. W. I.).....	51	46
Czechoslovakia.....	447	1,014	British West Indies <sup>4</sup> .....	13	38
Yugoslavia.....	308	( <sup>2</sup> )	Republic of Philippines.....	65	42
Greece.....	202	1	Hong Kong.....	14	13
Belgium and Luxembourg.....	92	333	China.....	65	9
Germany.....	9	19	India and Dependencies.....	35	( <sup>2</sup> )
Other Europe.....	264	93	Other countries.....	115	121
Total Europe.....	3,592	2,814	Total.....	2,875	6,403
Canada.....	463	2,511	<b>Grains and grain products:</b>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Newfoundland and Labrador.....	19	79	Barley, grain (48 lbs.):		
Iceland.....	47	( <sup>2</sup> )	Portugal.....	3	( <sup>2</sup> )
Latin-American Republics: <sup>2</sup>			Switzerland.....	0	14
Canal Zone.....	59	20	Germany.....	0	2,518
Panama Republic.....	3	10	U. S. S. R.....	3	0
Venezuela.....	29	111	Poland and Danzig.....	0	116
Mexico.....	10	23	Belgium and Luxembourg.....	387	43
Other L. A. Republics.....	8	29	Netherlands.....	187	97
Total L. A. Republics.....	109	193	Norway.....	104	0
Curacao (N. W. I.).....	18	36	Greece.....	50	248
British West Indies <sup>4</sup> .....	17	18	Austria.....	0	206
British Malaya.....	6	13	Other Europe.....	1	( <sup>2</sup> )
India and Dependencies.....	98	2	Total Europe.....	735	3,242
Other countries.....	585	197	Canada.....	21	( <sup>2</sup> )
Total.....	4,954	5,863	Mexico.....	337	149
<b>Pineapple juice:</b>			Other L. A. Republics <sup>2</sup> .....	1	6
Europe.....	36	162	Australia.....	938	0
Canada.....	244	197	French Morocco.....	751	0
Newfoundland and Labrador.....	5	14	New Zealand.....	104	0
Latin American Republics: <sup>2</sup>			Algeria.....	57	11
Curacao (N. W. I.).....	33	25	Japan.....	0	6,818
British West Indies <sup>4</sup> .....	32	25	Other countries.....	23	( <sup>2</sup> )
Republic of Philippines.....	29	38	Total.....	2,967	10,226
Other countries.....	34	48	<b>Corn, grain (56 lbs.):</b>		
Total.....	541	685	United Kingdom.....	4	4,832
<b>Other fruit juices:<sup>10</sup></b>			Austria.....	334	3,996
United Kingdom.....	126	17	Portugal.....	301	2,338
Poland and Danzig.....	691	2	U. S. S. R.....	9	( <sup>2</sup> )
Czechoslovakia.....	302	364	Switzerland.....	40	1,374
U. S. S. R.....	58	( <sup>3</sup> )	Belgium and Luxembourg.....	874	2,722
Belgium and Luxembourg.....	50	129	France.....	674	10,307
Italy.....	48	111	Netherlands.....	312	3,920
Yugoslavia.....	107	2	Norway.....	0	339
Greece.....	100	32	Germany.....	1,839	26,605
Germany.....	21	34	Yugoslavia.....	854	0
Other Europe.....	13	72	Poland and Danzig.....	630	1,924
Total Europe.....	1,516	763	Italy.....	893	17,637
Canada.....	636	4,493	Czechoslovakia.....	320	0
Newfoundland and Labrador.....	6	12	Rumania.....	0	2,046
Latin-American Republics: <sup>2</sup>			Greece.....	539	2,713
Venezuela.....	110	454	Other Europe.....	7	812
Canal Zone.....	34	16	Total Europe.....	7,630	81,565
Panama Republic.....	35	77			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47 <sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
<b>Grains and grain products—Con.:</b>					
<b>Corn, grain—Continued (56 lbs.)</b>					
Canada.....	1,363	6,418			
Latin-American Republics: <sup>2</sup>					
Cuba.....	138	45			
Guatemala.....	236	( <sup>3</sup> )			
Venezuela.....	1	747			
Mexico.....	580	37			
Other L. A. Republics.....	1	23			
<b>Total L. A. Republics.....</b>	<b>962</b>	<b>852</b>			
French & Nether. W. Indies.....	8	( <sup>3</sup> )			
British West Indies <sup>4</sup> .....	1	249			
India and Dependencies.....	2,619	1,718			
Japan.....	0	12,382			
Other countries.....	427	2,708			
<b>Total.....</b>	<b>13,010</b>	<b>105,892</b>			
<b>Cornstarch and corn flour:</b>					
United Kingdom.....	34,645	138,393			
Eire (Ireland).....	5	257			
Portugal.....	85	391			
U. S. S. R.....	191	0			
Belgium and Luxembourg.....	22	14,233			
Sweden.....	583	2,641			
Norway.....	791	730			
Denmark.....	1	133			
Germany.....	11	477			
Switzerland.....	1,347	1,696			
Greece.....	3	534			
France.....	1	26,705			
Other Europe.....	465	277			
<b>Total Europe.....</b>	<b>38,149</b>	<b>186,467</b>			
Canada.....	3,570	9,002			
Newfoundland and Labrador.....	160	334			
Latin-American Republics: <sup>2</sup>					
Cuba.....	4,907	4,841			
Colombia.....	917	104			
Mexico.....	641	695			
Peru.....	1,157	1,369			
Canal Zone.....	267	182			
Panama Republic.....	215	318			
Other L. A. Republics.....	782	979			
<b>Total L. A. Republics.....</b>	<b>8,886</b>	<b>8,488</b>			
British West Indies <sup>4</sup> .....	213	355			
Curacao (N. W. I.).....	153	586			
British Honduras.....	34	29			
India and Dependencies.....	2,690	4,272			
Republic of Philippines.....	5,447	8,153			
Egypt.....	33	411			
China.....	93	316			
Netherlands East Indies.....	6	773			
Hong Kong.....	18	288			
New Zealand.....	2,086	2,182			
Union of South Africa.....	121	318			
Other countries.....	1,354	2,072			
<b>Total.....</b>	<b>63,013</b>	<b>224,046</b>			
<b>Oats, grain (32 lbs.):</b>					
Yugoslavia.....	1,562	1			
Greece.....	2,141	103			
France.....	1,250	0			
Czechoslovakia.....	1,167	0			
Netherlands.....	2	1,894			
Germany.....	0	8,046			
Sweden.....	0	574			
Austria.....	0	566			
<b>Oats, grain (32 lbs.)—Continued:</b>					
Italy.....	1,321	473			
Poland and Danzig.....	279	21			
Finland.....	0	984			
Switzerland.....	0	1,731			
Portugal.....	0	1			
United Kingdom.....	0	633			
Belgium and Luxembourg.....	2,695	350			
Other Europe.....	23	568			
<b>Total Europe.....</b>	<b>10,440</b>	<b>15,945</b>			
Canada.....	1	3			
Latin-American Republics: <sup>2</sup>					
Mexico.....	116	114			
Honduras.....	20	42			
Venezuela.....	14	37			
Dominican Republic.....	17	19			
Panama Republic.....	12	21			
Canal Zone.....	0	21			
Cuba.....	72	441			
Other L. A. Republics.....	7	13			
<b>Total L. A. Republics.....</b>	<b>258</b>	<b>708</b>			
British West Indies <sup>4</sup> .....	5	2			
French West Indies.....	1	3			
Algeria.....	3,874	0			
Union of South Africa.....	2,301	968			
French Morocco.....	1,017	0			
Tunisia.....	390	0			
Republic of Philippines.....	1	1			
Japan.....	0	125			
Other countries.....	3	2			
<b>Total.....</b>	<b>18,291</b>	<b>17,757</b>			
<b>Oatmeal:</b>					
Portugal.....	321	2,078			
Greece.....	320	2,142			
United Kingdom.....	1,215	0			
U. S. S. R.....	1,990	0			
Switzerland.....	47	75			
Italy.....	3,714	1,140			
Belgium and Luxembourg.....	2,278	7,234			
Netherlands.....	205	0			
Germany.....	1	21,410			
Other Europe.....	811	332			
<b>Total Europe.....</b>	<b>10,902</b>	<b>34,411</b>			
Canada.....	154	106			
Iceland.....	120	436			
Latin-American Republics: <sup>2</sup>					
Venezuela.....	4,564	7,901			
Brazil.....	2,332	5,776			
Mexico.....	4,284	4,604			
Colombia.....	1,486	2,986			
Cuba.....	1,982	2,501			
Honduras.....	598	734			
Panama Republic.....	763	1,192			
Canal Zone.....	513	374			
Dominican Republic.....	1,278	1,798			
Guatemala.....	293	555			
Costa Rica.....	370	768			
Peru.....	459	1,238			
Other L. A. Republics.....	1,677	2,761			
<b>Total L. A. Republics.....</b>	<b>20,599</b>	<b>33,188</b>			
Curacao (N. W. I.).....	478	622			
British West Indies <sup>4</sup> .....	152	211			
Surinam.....	71	194			
Netherlands East Indies.....	887	1,339			
Republic of Philippines.....	1,541	1,556			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Grains and grain products—Con.:					
Oatmeal—Continued					
Egypt.....	504	61			
India and Dependencies.....	462	270			
Iraq.....	147	0			
Other countries.....	2,877	1,595			
Total.....	38,894	73,989			
Rice, paddy or rough:					
Canada.....	40,967	32,473			
Latin-American Republics: <sup>2</sup> ..	1,018	1,802			
Other countries.....	1,822	6			
Total.....	43,807	34,281			
Rice, cleaned or milled:					
Poland and Danzig.....	1,610	4			
Yugoslavia.....	1,221	22			
Switzerland.....	( <sup>3</sup> )	11			
United Kingdom.....	451	0			
U. S. S. R.....	8,130	0			
Greece.....	2,039	66			
Netherlands.....	90	9			
France.....	2,555	32			
Denmark.....	0	1			
Belgium and Luxembourg.....	951	113			
Italy.....	3	28			
Other Europe.....	1,103	9			
Total Europe.....	18,153	295			
Canada.....	3,429	2,652			
Iceland.....	954	855			
Newfoundland and Labrador.....	455	334			
Latin-American Republics: <sup>2</sup> ..					
Cuba.....	341,903	453,500			
Venezuela.....	161	258			
Canal Zone.....	4,518	251			
Other L. A. Republics.....	1,923	1,260			
Total L. A. Republics.....	348,505	455,269			
British West Indies <sup>4</sup> .....	10,041	2,044			
French West Indies.....	1,361	0			
Curacao (N. W. I.).....	843	446			
Republic of Philippines.....	167,882	272,420			
French Pacific Islands.....	883	103			
Liberia.....	3,472	5,040			
China.....	63,589	49,234			
Netherlands East Indies.....	60,140	0			
Japan.....	0	6,031			
Other countries.....	3,904	24,074			
Total.....	683,611	818,797			
Rye, grain (56 lbs.):					
United Kingdom.....	780	0			
France.....	0	368			
Belgium and Luxembourg.....	342	0			
Czechoslovakia.....	1,396	0			
Norway.....	1,406	0			
Yugoslavia.....	1,322	0			
Germany.....	241	193			
Austria.....	0	11			
Other Europe.....	678	0			
Other countries.....	0	1			
Total.....	6,165	573			
Wheat, grain (60 lbs.):					
Azores.....	11	75			
United Kingdom.....	3,492	24,189			
Eire (Ireland).....	0	645			
Switzerland.....	0	3,405			
Wheat, grain (60 lbs.)—Con.:					
Austria.....	744	6,724			
Finland.....	312	2,633			
Belgium and Luxembourg.....	16,902	7,915			
Yugoslavia.....	15,772	0			
Netherlands.....	10,505	11,128			
Germany.....	3,830	25,921			
Norway.....	94	3,711			
France.....	44,000	4,212			
Italy.....	39,520	14,642			
Greece.....	15,155	6,390			
Czechoslovakia.....	4,626	2,377			
Other Europe.....	9,551	7,568			
Total Europe.....	164,514	121,535			
Canada.....	719	274			
Latin-American Republics: <sup>2</sup> ..					
Mexico.....	10,681	11,310			
Honduras.....	125	85			
El Salvador.....	3	27			
Colombia.....	0	296			
Dominican Republic.....	25	33			
Cuba.....	76	86			
Brazil.....	588	1,377			
Peru.....	926	449			
Uruguay.....	638	1,314			
Other L. A. Republics.....	27	766			
Total L. A. Republics.....	13,089	15,743			
China.....	9,858	3,147			
Egypt.....	1,856	0			
Algeria.....	22,033	1,032			
Japan.....	0	13,522			
India and Dependencies.....	5,795	18,542			
Other countries.....	8,399	1,311			
Total.....	226,263	175,106			
Wheat flour, wholly of United States wheat (100 lbs.):					
Finland.....	170	796			
United Kingdom.....	3,514	4,226			
Greece.....	412	2,046			
Portugal.....	243	572			
Belgium and Luxembourg.....	1,615	4,201			
U. S. S. R.....	562	( <sup>5</sup> )			
Spain.....	147	( <sup>5</sup> )			
Switzerland.....	69	1,028			
Italy.....	3,946	7,552			
Poland and Danzig.....	756	1,910			
France.....	3,915	3,403			
Norway.....	145	901			
Denmark.....	0	33			
Eire (Ireland).....	0	663			
Czechoslovakia.....	597	753			
Netherlands.....	230	3,371			
Germany.....	666	14,546			
Yugoslavia.....	1,866	1			
Austria.....	179	1,617			
Other Europe.....	198	47			
Total Europe.....	19,230	47,666			
Canada.....	4	32			
Iceland.....	1	17			
Latin-American Republics: <sup>2</sup> ..					
Cuba.....	3,371	3,539			
Ecuador.....	434	691			
Guatemala.....	240	206			
Canal Zone.....	98	62			
Panama Republic.....	86	128			
Nicaragua.....	125	133			
Brazil.....	2,850	8,758			
Costa Rica.....	146	94			

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Grains and grain products—Con.:					
Wheat flour, wholly of United States wheat (100 lbs.)—Con.					
Latin-American Republics—Con.	<i>1,000 bags</i>	<i>1,000 bags</i>			
Venezuela.....	249	1,111			
Haiti.....	123	140			
Mexico.....	731	1,114			
Colombia.....	140	290			
Dominican Republic.....	13	119			
Other L. A. Republics.....	862	568			
Total L. A. Republics.....	9,473	16,953			
French West Indies.....	121	376			
Curacao (N. W. I.).....	29	91			
British West Indies <sup>4</sup> .....	240	346			
China.....	1,439	1,077			
Republic of Philippines.....	2,325	3,106			
Hong Kong.....	69	430			
Egypt.....	698	0			
British West Africa <sup>7</sup> .....	71	42			
Algeria.....	0	107			
Japan.....	0	2,987			
Korea.....	0	190			
Other countries.....	1,399	6,957			
Total.....	35,099	80,377			
Other wheat flour (100 lbs.):					
United Kingdom.....	290	16			
Portugal.....	284	34			
Greece.....	28	21			
Spain.....	15	0			
Italy.....	77	39			
Sweden.....	25	24			
Poland and Danzig.....	5	( <sup>5</sup> )			
Czechoslovakia.....	4	0			
France.....	283	142			
Belgium and Luxembourg.....	107	0			
Netherlands.....	( <sup>5</sup> )	2			
Norway.....	281	( <sup>5</sup> )			
Germany.....	0	210			
Other Europe.....	0	( <sup>5</sup> )			
Total Europe.....	1,399	488			
Canada.....	101	13			
Iceland.....	6	21			
Latin-American Republics: <sup>2</sup>					
Cuba.....	157	210			
Venezuela.....	531	197			
Panama Republic.....	137	53			
Canal Zone.....	( <sup>5</sup> )	25			
Costa Rica.....	137	41			
Brazil.....	909	491			
Dominican Republic.....	219	97			
Haiti.....	186	112			
Guatemala.....	42	42			
Ecuador.....	43	27			
Colombia.....	79	8			
Nicaragua.....	27	17			
Mexico.....	10	3			
Other L. A. Republics.....	108	105			
Total L. A. Republics.....	2,585	1,433			
French West Indies.....	168	54			
Curacao (N. W. I.).....	75	31			
British West Indies <sup>4</sup> .....	111	23			
British West Africa <sup>7</sup> .....	135	74			
Egypt.....	19	0			
Hong Kong.....	2	6			
Republic of Philippines.....	26	12			
China.....	77	( <sup>5</sup> )			
Other countries.....	804	699			
Total.....	5,508	2,854			
			<b>Feeds:</b>		
			Cottonseed cake and meal:	<i>2,240-lb. tons</i>	<i>2,240-lb. tons</i>
			Denmark.....	0	4,173
			Other Europe.....	0	1,112
			Canada.....	4	37
			Mexico.....	9	14
			Other countries.....	0	0
			Total.....	13	5,336
			Linseed cake and meal:		
			Eire (Ireland).....	0	138
			Belgium and Luxembourg.....	260	1,664
			Canada.....	7	( <sup>11</sup> )
			British West Indies <sup>4</sup> .....	10	86
			Other countries.....	0	( <sup>11</sup> )
			Total.....	277	1,888
			Grain sorghums (56 lbs.): <sup>12</sup>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
			Netherlands.....	730	0
			Belgium and Luxembourg.....	553	0
			France.....	192	11
			Germany.....	0	664
			Austria.....	0	60
			Poland and Danzig.....	79	0
			Yugoslavia.....	250	0
			Greece.....	229	0
			Other Europe.....	0	0
			Total Europe.....	2,033	735
			Canada.....	1	( <sup>3</sup> )
			Cuba.....	6	5
			Mexico.....	2	3
			Other L. A. Republics <sup>2</sup> .....	( <sup>3</sup> )	( <sup>3</sup> )
			Aden.....	0	305
			India and Dependencies.....	0	13,515
			Ceylon.....	0	1,755
			Hong Kong.....	0	396
			French Morocco.....	66	0
			Australia.....	322	0
			Japan.....	0	1,674
			Other countries.....	( <sup>3</sup> )	( <sup>3</sup> )
			Total.....	2,430	18,388
			Hops:	<i>1,000 pounds</i>	<i>1,000 pounds</i>
			Eire (Ireland).....	114	437
			United Kingdom.....	71	5
			Portugal.....	101	120
			Italy.....	124	34
			Belgium and Luxembourg.....	1,028	92
			Netherlands.....	240	0
			Sweden.....	144	0
			Spain.....	110	0
			Other Europe.....	92	13
			Total Europe.....	2,024	701
			Canada.....	3,168	3,111
			Iceland.....	10	0
			Latin-American Republics: <sup>2</sup>		
			Mexico.....	2,430	1,551
			Brazil.....	1,393	1,172
			Argentina.....	1,413	928
			Chile.....	265	326
			Cuba.....	381	374
			Venezuela.....	265	180
			Uruguay.....	112	113
			Ecuador.....	45	85
			Colombia.....	482	1,211
			Panama Republic.....	25	110
			Bolivia.....	110	103
			Peru.....	135	169
			Other L. A. Republics.....	119	136
			Total L. A. Republics.....	7,175	6,458

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Grains and Grain Products—Con.	1,000	1,000			
Hops—Continued:	pounds	pounds			
British West Indies <sup>4</sup> .....	20	17	Peanuts, not shelled:		
Australia.....	290	857	Switzerland.....	1,688	3,409
Union of South Africa.....	622	379	Other Europe.....	19	239
Egypt.....	181	72	Total Europe.....	1,707	3,648
China.....	45	38	Canada.....	2,132	12,192
India and Dependencies.....	94	72	Newfoundland and Labrador.....	37	21
Other countries.....	769	454	Latin-American Republics: <sup>2</sup>		
Total.....	14,398	12,159	Panama Republic.....	5	9
			Cuba.....	0	981
			Other L. A. Republics.....	23	96
			Total L. A. Republics.....	28	1,086
<b>Nuts:</b>			Curacao (N. W. I.).....	6	54
Almonds, sweet:			British West Indies <sup>4</sup> .....	199	120
Iceland.....	6	0	British Guiana.....	0	129
Canada.....	44	871	Republic of Philippines.....	12	0
Latin-American Republics: <sup>2</sup>			Other countries.....	4	1,124
Cuba.....	12	9	Total.....	4,125	18,374
Peru.....	6	5			
Mexico.....	35	40	<b>Pecans, shelled:</b>		
Costa Rica.....	7	5	Sweden.....	( <sup>3</sup> )	3
Guatemala.....	5	3	Canada.....	900	206
Colombia.....	22	35	Latin-American Republics: <sup>2</sup>		
Dominican Republic.....	12	10	Cuba.....	1	( <sup>3</sup> )
Other L. A. Republics.....	35	66	Canal Zone.....	24	21
Total L. A. Republics.....	134	173	Panama Republic.....	( <sup>3</sup> )	( <sup>3</sup> )
Republic of Philippines.....	113	18	Honduras.....	( <sup>3</sup> )	1
Other countries.....	23	41	Venezuela.....	2	3
Total.....	320	1,103	Mexico.....	1	1
			Other L. A. Republics.....	3	2
<b>Filberts:</b>			Total L. A. Republics.....	31	28
Canada.....	43	88	British West Indies <sup>4</sup> .....	( <sup>3</sup> )	( <sup>3</sup> )
Mexico.....	3	16	Republic of Philippines.....	2	( <sup>3</sup> )
Brazil.....	20	0	Other countries.....	7	6
Cuba.....	194	308	Total.....	940	243
Other L. A. Republics <sup>2</sup> .....	31	38			
Other countries.....	24	15	<b>Pecans, not shelled:</b>		
Total.....	315	465	Sweden.....	205	173
			Canada.....	1,828	758
<b>Peanuts, shelled:</b>			Latin-American Republics: <sup>2</sup>		
Germany.....	1	54	Cuba.....	15	6
Netherlands.....	0	9,682	Canal Zone.....	12	( <sup>3</sup> )
France.....	2	43,774	Panama Republic.....	( <sup>3</sup> )	( <sup>3</sup> )
Belgium and Luxembourg.....	0	38,028	Honduras.....	3	4
U. S. S. R.....	4,061	978	Venezuela.....	4	2
Switzerland.....	81	2,332	Mexico.....	5	6
Czechoslovakia.....	1,423	384	Other L. A. Republics.....	18	5
Yugoslavia.....	1,002	1	Total L. A. Republics.....	57	23
Austria.....	501	9	British West Indies <sup>4</sup> .....	5	1
Other Europe.....	540	9,335	Republic of Philippines.....	25	3
Total Europe.....	7,611	104,577	Other countries.....	50	37
			Total.....	2,170	995
Canada.....	29,882	42,876			
Newfoundland and Labrador.....	46	32	<b>Walnuts, shelled:</b>		
Latin-American Republics: <sup>2</sup>			Newfoundland and Labrador.....	25	4
Panama Republic.....	29	33	Canada.....	174	202
Canal Zone.....	67	118	Latin-American Republics: <sup>2</sup>		
Venezuela.....	19	11	Cuba.....	1	2
Cuba.....	8	411	Venezuela.....	7	8
Colombia.....	2	9	Mexico.....	6	19
Other L. A. Republics.....	30	26	Canal Zone.....	13	8
Total L. A. Republics.....	155	608	Panama Republic.....	( <sup>3</sup> )	1
Curacao (N. W. I.).....	22	49	Other L. A. Republics.....	2	5
British West Indies <sup>4</sup> .....	38	81	Total L. A. Republics.....	29	43
Republic of Philippines.....	45	337			
New Zealand.....	( <sup>3</sup> )	1			
Japan.....	0	452			
Other countries.....	34	75			
Total.....	37,833	149,088			

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
<b>Nuts—Continued:</b>					
Walnuts, shelled—Continued:					
British West Indies <sup>4</sup> .....	1,000 ( <sup>3</sup> )	1,000 ( <sup>3</sup> )	Other nuts—Continued:	1,000 pounds	1,000 pounds
Union of South Africa.....	1	( <sup>3</sup> )	Curacao (N. W. I.).....	120	137
Republic of Philippines.....	1	( <sup>3</sup> )	British West Indies <sup>4</sup> .....	160	144
Other countries.....	11	13	Republic of Philippines.....	233	69
Total.....	244	262	Union of South Africa.....	17	26
			New Zealand.....	1	0
Walnuts, not shelled:			Other countries.....	295	86
Sweden.....	250	648	Total.....	17,092	6,021
United Kingdom.....	0	1			
Switzerland.....	80	0	<b>Oils:</b>		
Canada.....	4,446	2,859	Cooking fats other than lard:		
Newfoundland and Labrador.....	5	8	Czechoslovakia.....	24	1,164
Iceland.....	1	0	United Kingdom.....	2	2
Latin-American Republics: <sup>2</sup>			U. S. S. R.....	0	5
Brazil.....	417	238	France.....	10	6
Uruguay.....	142	122	Italy.....	255	211
Cuba.....	468	431	Poland and Danzig.....	2,169	1,692
Argentina.....	0	60	Yugoslavia.....	918	0
Peru.....	59	5	Finland.....	762	0
Venezuela.....	45	127	Other Europe.....	32	168
Mexico.....	63	121	Total Europe.....	4,172	3,248
Dominican Republic.....	30	23	Canada.....	1,744	311
Canal Zone.....	40	18	Newfoundland and Labrador.....	9	185
Panama Republic.....	20	6	Latin-American Republics: <sup>2</sup>		
Other L. A. Republics.....	101	98	Canal Zone.....	922	1,151
Total L. A. Republics.....	1,385	1,249	Panama Republic.....	190	103
British West Indies <sup>4</sup> .....	6	6	Venezuela.....	136	63
Union of South Africa.....	179	203	Guatemala.....	169	310
Republic of Philippines.....	64	26	Costa Rica.....	175	66
New Zealand.....	( <sup>3</sup> )	( <sup>3</sup> )	Other L. A. Republics.....	242	563
Other countries.....	8	29	Total L. A. Republics.....	1,834	2,256
Total.....	6,424	5,029	Curacao (N. W. I.).....	421	381
			French West Indies.....	35	0
Other nuts: <sup>13</sup>			British West Indies <sup>4</sup> .....	56	150
Germany.....	1	165	Other countries.....	523	1,747
Netherlands.....	722	1	Total.....	8,794	8,278
Poland and Danzig.....	1,673	909			
Czechoslovakia.....	2,754	( <sup>3</sup> )	<b>Corn oil, edible:</b>		
U. S. S. R.....	6,310	181	Europe.....	( <sup>3</sup> )	5
Italy.....	1,068	11	Canada.....	182	97
Hungary.....	0	368	Latin-American Republics <sup>2</sup> .....	120	58
Sweden.....	( <sup>3</sup> )	89	Curacao (N. W. I.).....	4	0
Switzerland.....	0	243	French West Indies.....	0	0
Yugoslavia.....	987	12	India and Dependencies.....	0	1
Greece.....	1,350	3	Other countries.....	5	4
United Kingdom.....	2	3	Total.....	311	165
Other Europe.....	181	62			
Total Europe.....	15,048	2,047	<b>Cottonseed oil:</b>		
Canada.....	743	2,644	Germany.....	0	6
Newfoundland and Labrador.....	103	168	France.....	2,481	5,058
Iceland.....	6	11	Sweden.....	784	0
Latin-American Republics: <sup>2</sup>			Other Europe.....	258	29
Mexico.....	129	306	Total Europe.....	3,523	5,093
Colombia.....	34	54	Canada.....	389	129
Cuba.....	19	24	Iceland.....	2	0
Canal Zone.....	105	143	Latin-American Republics: <sup>2</sup>		
Panama Republic.....	12	14	Colombia.....	14	7
Venezuela.....	29	81	Canal Zone.....	1,301	148
Guatemala.....	7	4	Panama Republic.....	8	5
Peru.....	1	12	Cuba.....	49	13
Honduras.....	3	6	Venezuela.....	27	11
Brazil.....	5	20	Mexico.....	8	3
Argentina.....	( <sup>3</sup> )	1	Haiti.....	8	0
Other L. A. Republics.....	21	24	Other L. A. Republics.....	26	25
Total L. A. Republics.....	366	689	Total L. A. Republics.....	1,441	212

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
Cottonseed oil—Continued			Soybean oil, crude—Continued		
Curacao (N. W. I.).....	220	86	Canada.....	3,177	3,599
British West Indies <sup>4</sup> .....	1	7	Iceland.....	7	0
Republic of Philippines.....	196	1,608	Cuba.....	2,338	2,984
British Malaya.....	7	0	Other L. A. Republics <sup>2</sup> .....	80	38
Netherlands East Indies.....	10	112	Other countries.....	38	71
Other countries.....	106	232			
Total.....	5,895	7,479	Total.....	5,651	25,728
<b>Linseed oil:</b>			<b>Soybeans:</b>		
U. S. S. R.....	247	0	United Kingdom.....	20,373	16,349
France.....	15,976	2	U. S. S. R.....	213	0
Other Europe.....	16	4	France.....	116,592	20,652
Canada.....	271	256	Netherlands.....	21,458	0
Iceland.....	475	( <sup>2</sup> )	Belgium and Luxembourg.....	9,975	0
Latin-American Republics: <sup>2</sup>			Greece.....	14,016	0
Cuba.....	1,185	99	Poland and Danzig.....	3,788	0
Venezuela.....	382	28	Norway.....	33,232	42,559
Canal Zone.....	138	160	Denmark.....	981	0
Panama Republic.....	16	1	Austria.....	0	11,775
Chile.....	35	35	Germany.....	0	18,453
Peru.....	68	34	Other Europe.....	2,374	2
Mexico.....	24	11	Total Europe.....	223,002	109,790
Costa Rica.....	87	8			
Haiti.....	25	6	Canada.....	78,223	105,242
Bolivia.....	40	32	Latin-American Republics: <sup>2</sup>		
Other L. A. Republics.....	479	83	Venezuela.....	2	12
Total L. A. Republics.....	2,479	497	Cuba.....	38	64
			Argentina.....	0	11
French West Indies.....	28	0	Mexico.....	( <sup>3</sup> )	1
Curacao (N. W. I.).....	35	20	Other L. A. Republics.....	3	2
British West Indies <sup>4</sup> .....	2	6	Total L. A. Republics.....	43	90
Republic of Philippines.....	107	67			
Belgian Congo.....	44	1	Japan.....	0	14,076
Union of South Africa.....	0	7	Republic of Philippines.....	2,658	1,037
Other countries.....	362	73	Other countries.....	16	281
Total.....	20,042	933	Total.....	303,942	230,516
<b>Soybean oil, edible:</b>			<b>Soya flour:</b>		
Italy.....	785	9,153	Austria.....	0	20,538
Finland.....	0	1,812	Belgium and Luxembourg.....	5	777
Sweden.....	0	27	Germany.....	0	1,807
U. S. S. R.....	1,616	1	Sweden.....	4	1,064
Czechoslovakia.....	612	3,691	Switzerland.....	0	1,398
Spain.....	3,798	7,688	U. S. S. R.....	1,467	400
Netherlands.....	5,631	2,409	United Kingdom.....	1	2,900
Belgium and Luxembourg.....	5,673	4,553	Greece.....	10,727	10,060
France.....	4,674	7,617	Yugoslavia.....	19,417	0
Other Europe.....	64	2,129	Italy.....	23,063	59,480
Total Europe.....	22,853	39,080	Netherlands.....	21,380	11,065
			Czechoslovakia.....	23,409	6,895
Canada.....	4,310	6,844	Poland and Danzig.....	10,024	15,160
Iceland.....	1,888	997	Other Europe.....	239	256
Cuba.....	10,783	6,177	Total Europe.....	109,736	131,802
Other L. A. Republics <sup>2</sup> .....	1,961	1,675			
French West Indies.....	2,539	1,853	Canada.....	3,024	3,030
Curacao (N. W. I.).....	507	890	Iceland.....	19	2
British West Indies <sup>4</sup> .....	37	204	Latin-American Republics: <sup>2</sup>		
New Zealand.....	356	223	Mexico.....	93	248
Union of South Africa.....	24	19	Cuba.....	15	22
Other countries.....	2,222	3,179	Other L. A. Republics.....	66	89
Total.....	47,480	61,141	Total L. A. Republics.....	174	359
<b>Soybean oil, crude:</b>					
Belgium and Luxembourg.....	0	3,727	New Zealand.....	25	34
Denmark.....	0	1,763	China.....	13,234	38,099
France.....	0	1,279	Other countries.....	231	2,191
Switzerland.....	0	1,873	Total.....	126,493	175,517
United Kingdom.....	0	4,574			
Netherlands.....	0	5,111			
Other Europe.....	11	709			
Total Europe.....	11	19,036			

See footnotes on page 513.



TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<i>2,000-lb.</i>	<i>2,000-lb.</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>
Sugar, refined:	<i>tons</i>	<i>tons</i>	Tobacco leaf—Continued		
Finland.....	9,369	41,605	Black fat waterbaler, etc., Con.	790	806
Greece.....	27,593	22,464	Gold Coast.....	110	123
United Kingdom.....	15	8	Portuguese Africa <sup>15</sup> .....	798	1,490
Austria.....	1	2,923	French Africa <sup>14</sup> .....	205	0
Yugoslavia.....	30,319	1,973	Spanish Africa <sup>16</sup> .....	24	41
Italy.....	37,016	23,408	Liberia.....	375	225
Norway.....	4,673	4,673	Other countries.....		
Eire (Ireland).....	0	1	Total.....	4,775	4,818
Netherlands.....	13	0			
Belgium and Luxembourg.....	28	166	Bright flue-cured, stemmed:		
France.....	29,449	63,602	United Kingdom.....	14,968	25,141
Switzerland.....	28,056	38,037	Portugal.....	743	997
U. S. S. R.....	3,621	2	Eire (Ireland).....	307	709
Other Europe.....	3,534	2,563	Sweden.....	874	2,908
Total Europe.....	173,687	201,425	France.....	300	0
			Netherlands.....	0	57
Newfoundland and Labrador.....	11,422	10,042	Belgium and Luxembourg.....	250	113
Iceland.....	4,159	4,982	Norway.....	1,004	48
Canada.....	103	11	Denmark.....	0	136
Latin-American Republics: <sup>2</sup>			Other Europe.....	405	136
Canal Zone.....	3,401	4,341	Total Europe.....	18,851	30,212
Mexico.....	16	1			
Colombia.....	7	9	Canada.....	99	0
Chile.....	1	2	Latin-American Republics: <sup>3</sup>		
Other L. A. Republics.....	8	9	Venezuela.....	44	190
Total L. A. Republics.....	3,433	4,362	Argentina.....	885	732
			Uruguay.....	122	481
British West Indies <sup>4</sup> .....	807	805	Nicaragua.....	261	145
Curacao (N. W. I.).....	204	258	Costa Rica.....	9	54
French Morocco.....	16,496	0	Mexico.....	579	754
Algeria.....	46,712	20,567	Guatemala.....	85	86
Other French Africa <sup>14</sup> .....	27,441	17,440	Colombia.....	187	228
Republic of Philippines.....	6,672	4,042	Peru.....	0	161
China.....	26	50	Chile.....	11	110
Iran (Persia).....	8	0	Brazil.....	23	52
Japan.....	0	12,061	Other L. A. Republics.....	150	182
Other countries.....	1,482	1,253	Total L. A. Republics.....	2,356	3,175
Total.....	292,652	277,308			
			British West Indies <sup>4</sup> .....	0	22
Timothy seed:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	China.....	30	114
United Kingdom.....	2,579	2,368	Hong Kong.....	0	45
Eire (Ireland).....	291	579	India and Dependencies.....	9,658	13,631
Switzerland.....	382	235	Australia.....	0	1
U. S. S. R.....	4,818	0	Egypt.....	546	544
Netherlands.....	494	411	British East Africa.....	19	71
Azores.....	( <sup>5</sup> )	10	Other countries.....	427	214
Finland.....	0	1,638	Total.....	31,986	48,029
Germany.....	407	986			
France.....	1,618	286	Bright flue-cured, unstemmed:		
Belgium and Luxembourg.....	110	33	United Kingdom.....	285,596	234,561
Other Europe.....	1	0	Portugal.....	1,897	1,845
Total Europe.....	10,700	6,546	Eire (Ireland).....	11,121	14,866
			Sweden.....	6,330	6,272
Canada.....	486	398	France.....	1,438	2,316
Newfoundland and Labrador.....	21	16	Netherlands.....	7,567	38,457
Latin-American Republics <sup>2</sup> .....	23	7	Belgium and Luxembourg.....	7,740	14,670
Other countries.....	1	0	Norway.....	4,998	4,812
Total.....	11,231	6,967	Denmark.....	426	6,596
			Other Europe.....	3,932	11,449
			Total Europe.....	331,045	335,844
Tobacco leaf:					
Black fat waterbaler and dark African:			Canada.....	87	219
Latin-American Republics <sup>3</sup> .....	12	13	Newfoundland and Labrador.....	93	437
Curacao (N. W. I.).....	14	35	Latin-American Republics: <sup>2</sup>		
British West Indies <sup>4</sup> .....	128	132	Argentina.....	624	809
French West Indies.....	4	1	Uruguay.....	291	203
British Guiana.....	88	78	Nicaragua.....	0	126
Surinam.....	31	41	Mexico.....	( <sup>3</sup> )	44
Nigeria.....	2,196	1,833	Guatemala.....	52	80
			El Salvador.....	181	280
			Chile.....	6	0
			Brazil.....	209	207
			Other L. A. Republics.....	53	51
			Total L. A. Republics.....	1,416	1,800

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
VEGETABLE PRODUCTS—continued					
Tobacco leaf—Continued:					
Bright flue-cured, unstemmed—Continued:					
British West Indies <sup>4</sup> .....	11	36			
French West Indies.....	34	0			
British Guiana.....	321	395			
China.....	11,113	55,814			
Hong Kong.....	1,097	5,142			
India and Dependencies.....	4,117	1,519			
New Zealand.....	8,816	2,864			
Netherlands East Indies.....	0	1,364			
Australia.....	25,647	13,585			
Egypt.....	2,468	2,884			
Siam (Thailand).....	660	4,209			
British East Africa.....	1,483	1,215			
Ceylon.....	1,246	1,343			
Nigeria.....	549	808			
Other countries.....	1,696	3,079			
Total.....	391,899	432,557			
Burley:					
Czechoslovakia.....	0	1,534			
Portugal.....	7,354	3,861			
France.....	6,711	4,442			
United Kingdom.....	233	1,268			
Sweden.....	807	1,804			
Switzerland.....	427	495			
Belgium and Luxembourg.....	1,216	6,956			
Netherlands.....	2,756	4,254			
Denmark.....	306	1,733			
Norway.....	1,062	1,047			
Italy.....	133	5,396			
Other Europe.....	488	58			
Total Europe.....	21,493	32,848			
Newfoundland and Labrador.....	38	372			
Latin-American Republics: <sup>2</sup>					
Mexico.....	1,135	850			
Argentina.....	348	722			
Nicaragua.....	38	38			
Brazil.....	148	150			
Uruguay.....	11	24			
Guatemala.....	76	87			
Other L. A. Republics.....	66	217			
Total L. A. Republics.....	1,822	2,088			
Egypt.....	542	680			
Australia.....	13	103			
French Indo-China.....	0	330			
India and Dependencies.....	5	1			
Other countries.....	440	536			
Total.....	24,353	36,958			
Cigar leaf:					
Sweden.....	338	315			
Norway.....	50	66			
Denmark.....	2,209	932			
United Kingdom.....	485	132			
Eire (Ireland).....	( <sup>3</sup> )	3			
Netherlands.....	147	366			
Belgium and Luxembourg.....	1,185	855			
Switzerland.....	542	516			
Finland.....	0	231			
Azores.....	3	6			
Portugal.....	46	28			
Czechoslovakia.....	0	56			
Other Europe.....	0	0			
Total Europe.....	5,005	3,506			
Cigar leaf—Continued					
Canada.....	1,000 pounds	1,000 pounds	237	242	
Latin-American Republics: <sup>2</sup>					
Mexico.....			4	73	
Panama Republic.....			0	3	
Colombia.....			10	3	
Chile.....			0	18	
Brazil.....			19	67	
Argentina.....			37	32	
Other L. A. Republics.....			4	5	
Total L. A. Republics.....			74	201	
British West Indies <sup>4</sup> .....			3	41	
Surinam.....			5	5	
India and Dependencies.....			3	7	
French Indo-China.....			0	24	
Republic of Philippines.....			62	39	
Australia.....			136	18	
New Zealand.....			6	0	
French Morocco.....			0	18	
Algeria.....			4	1	
Tunisia.....			128	72	
Canary Islands.....			30	187	
Cameroon.....			22	2	
Gold Coast.....			3	0	
Liberia.....			14	0	
Other countries.....			9	0	
Total.....			5,741	4,363	
Dark-fired Kentucky and Tennessee:					
Switzerland.....			3,936	3,797	
United Kingdom.....			1,747	2,374	
Portugal.....			580	230	
Eire (Ireland).....			538	599	
Sweden.....			3,937	1,297	
Spain.....			5	0	
France.....			26,104	4,982	
Belgium and Luxembourg.....			4,206	4,041	
Denmark.....			609	773	
Netherlands.....			1,357	1,285	
Italy.....			95	1,502	
Other Europe.....			774	820	
Total Europe.....			43,888	21,700	
Canada.....			121	68	
Iceland.....			84	16	
Latin-American Republics: <sup>2</sup>					
Argentina.....			202	362	
Panama Republic.....			108	41	
Uruguay.....			46	33	
Brazil.....			28	17	
Other L. A. Republics.....			6	5	
Total L. A. Republics.....			390	458	
French West Indies.....			34	12	
British West Indies <sup>4</sup> .....			6	11	
Curacao (N. W. I.).....			7	4	
Egypt.....			329	428	
Canary Islands.....			252	257	
French Indo-China.....			0	85	
British West Africa <sup>7</sup> .....			997	265	
French Africa <sup>14</sup> .....			2,033	1,639	
New Zealand.....			143	0	
Other countries.....			223	209	
Total.....			48,509	25,150	
Dark Virginia:					
Sweden.....			2,129	932	
Switzerland.....			951	1,082	

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Tobacco leaf—Continued:					
Dark Virginia—continued:					
United Kingdom.....	1,000	1,000	One sucker leaf—Continued:	1,000	1,000
Portugal.....	406	332	France.....	991	2,201
Norway.....	214	662	Spain.....	0	( <sup>3</sup> )
Netherlands.....	3,934	1,475	Portugal.....	0	3
Belgium and Luxembourg.....	7	445	Other Europe.....	0	0
Other Europe.....	247	603	Total Europe.....	1,659	3,012
Total Europe.....	529	427	Newfoundland and Labrador.....	20	33
			British West Indies <sup>4</sup> .....	64	50
Latin-American Republics: <sup>2</sup>			Curacao (N. W. I.).....	11	8
Argentina.....	147	9	Canary Islands.....	0	44
Other L. A. Republics.....	2	( <sup>3</sup> )	French Morocco.....	27	90
Total L. A. Republics.....	149	9	Tunisia.....	294	0
British West Indies <sup>4</sup> .....	125	99	Cameroon.....	16	20
New Zealand.....	47	110	French West Africa.....	73	131
Australia.....	30	30	Gold Coast.....	8	( <sup>3</sup> )
Netherlands East Indies.....	0	182	Nigeria.....	640	151
Spanish Africa <sup>16</sup> .....	0	10	Portuguese Africa <sup>15</sup> .....	82	73
French Africa <sup>14</sup> .....	117	129	Liberia.....	131	87
British West Africa <sup>7</sup> .....	0	5	Other countries.....	0	0
India and Dependencies.....	8	114	Total.....	3,025	3,699
Other countries.....	72	598			
Total.....	8,965	7,274	Perige and other:		
Green River:			Sweden.....	1	26
Sweden.....	261	0	Norway.....	14	21
United Kingdom.....	218	930	United Kingdom.....	127	129
Eire (Ireland).....	0	169	Eire (Ireland).....	0	( <sup>3</sup> )
Netherlands.....	0	1	Belgium and Luxembourg.....	0	1
Belgium and Luxembourg.....	206	577	Switzerland.....	4	7
France.....	1,554	0	Other Europe.....	0	0
Switzerland.....	8	35	Total Europe.....	146	184
Italy.....	0	( <sup>3</sup> )	Canada.....	5	6
Other Europe.....	0	0	Other countries.....	0	0
Total Europe.....	2,247	1,712	Total.....	151	190
Latin-American Republics <sup>2</sup> .....	6	1	Vegetables, fresh or dried:		
British West Indies <sup>4</sup> .....	7	0	Beans, seed (60 lbs.):		
French West Indies.....	14	0	Sweden.....	1,000	1,000
French Morocco.....	0	22	Norway.....	( <sup>3</sup> )	0
Algeria.....	0	34	United Kingdom.....	0	( <sup>3</sup> )
Cameroon.....	21	39	Eire (Ireland).....	11	5
French West Africa.....	0	4	Netherlands.....	( <sup>3</sup> )	( <sup>3</sup> )
Gold Coast.....	10	6	Belgium and Luxembourg.....	( <sup>3</sup> )	( <sup>3</sup> )
Liberia.....	116	73	France.....	94	74
Other countries.....	5	0	Germany.....	17	21
Total.....	2,426	1,891	Austria.....	58	1
Maryland and Ohio export:			Switzerland.....	3	2
Switzerland.....	3,327	5,129	Poland and Danzig.....	86	13
France.....	5	0	U. S. S. R.....	52	0
Netherlands.....	514	162	Greece.....	( <sup>3</sup> )	0
Belgium and Luxembourg.....	0	310	Yugoslavia.....	0	12
Denmark.....	0	7	Other Europe.....	0	0
Other Europe.....	259	26	Total Europe.....	321	128
Total Europe.....	4,105	5,634	Canada.....	15	16
French Morocco.....	75	187	Newfoundland and Labrador.....	( <sup>3</sup> )	1
Algeria.....	95	33	Latin-American Republics: <sup>2</sup>		
Tunisia.....	158	0	Mexico.....	( <sup>3</sup> )	26
Other countries.....	30	28	Panama Republic.....	( <sup>3</sup> )	( <sup>3</sup> )
Total.....	4,463	5,882	Cuba.....	1	27
One sucker leaf:			Argentina.....	2	3
United Kingdom.....	0	24	Other L. A. Republics.....	1	1
Eire (Ireland).....	18	14	Total L. A. Republics.....	4	32
Belgium and Luxembourg.....	650	770	British West Indies <sup>4</sup> .....	( <sup>3</sup> )	( <sup>3</sup> )
			China.....	0	2
			Australia.....	( <sup>3</sup> )	( <sup>3</sup> )
			New Zealand.....	1	1
			Other countries.....	2	3
			Total.....	343	183

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Vegetables, fresh or dried—					
Continued					
Beans, other, dry, ripe (60 lbs.):			Peas, dried—Continued		
Sweden.....	0	2	Cuba.....	79	2
Norway.....	( <sup>3</sup> )	0	Other L. A. Republics <sup>2</sup> .....	1	2
United Kingdom.....	450	704	Republic of Philippines.....	29	3
Eire (Ireland).....	0	6	Other countries.....	1	3
Netherlands.....	0	( <sup>2</sup> )	Total.....	126	10
Belgium and Luxembourg.....	0	( <sup>2</sup> )			
France.....	53	3	Cowpeas (60 lbs.):		
Germany.....	( <sup>2</sup> )	98	Poland and Danzig.....	0	3
Austria.....	( <sup>2</sup> )	88	Other Europe.....	0	( <sup>2</sup> )
Switzerland.....	( <sup>2</sup> )	( <sup>2</sup> )	Latin American Republics <sup>2</sup> .....	1	5
Poland and Danzig.....	3	11	British West Indies <sup>4</sup> .....	1	( <sup>2</sup> )
U. S. S. R.....	197	0	Other countries.....	( <sup>2</sup> )	( <sup>2</sup> )
Greece.....	43	5	Total.....	2	8
Italy.....	59	7			
Czechoslovakia.....	108	0	Peas, seed (60 lbs.):		
Other Europe.....	( <sup>2</sup> )	5	Sweden.....	( <sup>2</sup> )	1
Total Europe.....	913	929	Norway.....	( <sup>2</sup> )	( <sup>2</sup> )
			United Kingdom.....	43	37
Canada.....	53	72	Eire (Ireland).....	1	1
Newfoundland and Labrador.....	6	10	Netherlands.....	1	15
Latin-American Republics: <sup>2</sup>			Belgium and Luxembourg.....	( <sup>2</sup> )	8
Mexico.....	( <sup>2</sup> )	1	France.....	139	84
Panama Republic.....	1	2	Germany.....	262	88
Canal Zone.....	10	8	Austria.....	18	2
Cuba.....	61	452	Switzerland.....	7	1
Argentina.....	0	( <sup>2</sup> )	Poland and Danzig.....	1	3
Other L. A. Republics.....	1	4	U. S. S. R.....	233	0
Total L. A. Republics.....	73	467	Italy.....	0	4
			Yugoslavia.....	18	5
British West Indies <sup>4</sup> .....	1	2	Greece.....	0	( <sup>2</sup> )
Curacao (N. W. I.).....	2	5	Other Europe.....	( <sup>2</sup> )	( <sup>2</sup> )
French West Indies.....	( <sup>2</sup> )	10	Total Europe.....	723	249
China.....	13	29			
Australia.....	22	0	Canada.....	63	53
New Zealand.....	( <sup>2</sup> )	0	Latin-American Republics: <sup>2</sup>		
Egypt.....	1	0	Mexico.....	2	1
French Pacific Islands.....	1	2	Cuba.....	2	2
Japan.....	0	773	Brazil.....	2	3
Other countries.....	28	10	Other L. A. Republics.....	6	13
Total.....	1,113	2,309	Total L. A. Republics.....	12	19
			British West Indies <sup>4</sup> .....	( <sup>2</sup> )	( <sup>2</sup> )
Onions (57 lbs.):			Other countries.....	9	7
United Kingdom.....	0	204	Total.....	807	328
Eire (Ireland).....	0	15			
Canada.....	287	488	Peas, other, dry, ripe (60 lbs.):		
Newfoundland and Labrador.....	11	34	Sweden.....	2	9
Latin-American Republics: <sup>2</sup>			Norway.....	( <sup>2</sup> )	0
Cuba.....	575	661	Denmark.....	0	9
Canal Zone.....	29	50	United Kingdom.....	808	863
Panama Republic.....	29	59	Eire (Ireland).....	0	( <sup>2</sup> )
Mexico.....	21	78	Netherlands.....	14	0
Dominican Republic.....	5	12	Belgium and Luxembourg.....	42	6
Other L. A. Republics.....	10	21	France.....	877	72
Total L. A. Republics.....	669	881	Germany.....	0	1,235
			Austria.....	0	117
Curacao (N. W. I.).....	22	21	Czechoslovakia.....	225	0
French West Indies.....	9	1	Switzerland.....	32	27
British West Indies <sup>4</sup> .....	11	58	Poland and Danzig.....	197	8
Republic of Philippines.....	244	429	U. S. S. R.....	55	0
Other countries.....	25	25	Italy.....	565	18
Total.....	1,278	2,156	Yugoslavia.....	683	0
			Greece.....	405	( <sup>2</sup> )
Peas, dried:			Other Europe.....	48	6
Chickpeas (60 lbs.):			Total Europe.....	3,948	2,370
Greece.....	16	0			
Other Europe.....	0	( <sup>2</sup> )	Iceland.....	5	6
Total Europe.....	16	( <sup>2</sup> )	Canada.....	24	47
			Newfoundland and Labrador.....	18	15

See footnotes on page 518.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
VEGETABLE PRODUCTS—continued					
Vegetables, fresh or dried—					
Continued:					
Peas, other, dry, ripe (60 lbs.)—					
Continued					
Latin-American Republics: <sup>2</sup>					
Mexico.....	1	2			
Panama Republic.....	1	2			
Canal Zone.....	6	4			
Cuba.....	209	158			
Venezuela.....	11	25			
Brazil.....	41	136			
Other L. A. Republics.....	1	3			
Total L. A. Republics.....	270	330			
British West Indies <sup>4</sup> .....	18	15			
Curacao (N. W. I.).....	5	4			
Republic of Philippines.....	31	( <sup>3</sup> )			
Algeria.....	2	( <sup>3</sup> )			
Egypt.....	197	0			
French Pacific Islands.....	1	2			
Japan.....	0	1,581			
Other countries.....	48	5			
Total.....	4,567	4,375			
Potatoes, white (60 lbs.):					
Germany.....	0	5,763			
Belgium and Luxembourg.....	867	493			
France.....	1,632	0			
U. S. S. R.....	20	0			
Italy.....	( <sup>5</sup> )	521			
Czechoslovakia.....	( <sup>2</sup> )	0			
Portugal.....	( <sup>3</sup> )	868			
Albania.....	( <sup>3</sup> )	15			
Greece.....	19	0			
Switzerland.....	0	111			
Spain.....	0	774			
Yugoslavia.....	0	768			
Austria.....	0	( <sup>7</sup> )			
Other Europe.....	0	0			
Total Europe.....	2,538	9,313			
Canada.....	8,083	569			
Latin-American Republics: <sup>2</sup>					
Cuba.....	1,916	1,557			
Canal Zone.....	256	204			
Panama Republic.....	8	3			
Venezuela.....	247	244			
Argentina.....	2	27			
Mexico.....	453	412			
Uruguay.....	0	1			
Colombia.....	8	41			
Other L. A. Republics.....	8	69			
Total L. A. Republics.....	2,898	2,558			
Curacao (N. W. I.).....	184	113			
French West Indies.....	27	10			
British West Indies <sup>4</sup> .....	44	49			
Republic of Philippines.....	178	255			
Netherlands East Indies.....	0	1			
French Pacific Islands.....	6	5			
Hong Kong.....	4	30			
Korea.....	0	103			
Japan.....	0	37			
Other countries.....	63	57			
Total.....	14,025	13,100			
Tomatoes, fresh:					
Canada.....	1,000	1,000			
Newfoundland and Labrador.....	47,748	40,019			
Latin-American Republics: <sup>2</sup>					
Mexico.....	1,829	2,538			
Canal Zone.....	549	195			
Panama Republic.....	( <sup>2</sup> )	4			
Cuba.....	190	274			
Other L. A. Republics.....	0	1			
Total L. A. Republics.....	2,568	3,012			
Curacao (N. W. I.).....	80	118			
British West Indies <sup>4</sup> .....	20	80			
Other countries.....	( <sup>2</sup> )	20			
Total.....	50,789	43,510			
Dehydrated soups:					
Belgium and Luxembourg.....	136	1,449			
United Kingdom.....	1	1			
Italy.....	27,950	1,895			
Greece.....	9,792	1			
U. S. S. R.....	12,119	11,382			
Czechoslovakia.....	3,488	2			
Poland and Danzig.....	16,748	3,283			
Germany.....	22	302			
Austria.....	2,779	117			
Other Europe.....	2,694	307			
Total Europe.....	75,729	18,739			
Canada.....	202	464			
Iceland.....	5	0			
Latin-American Republics: <sup>2</sup>					
Mexico.....	25	180			
Panama Republic.....	73	125			
Canal Zone.....	11	14			
Cuba.....	412	391			
Venezuela.....	830	187			
Other L. A. Republics.....	167	360			
Total L. A. Republics.....	1,518	1,257			
Curacao (N. W. I.).....	27	53			
Egypt.....	19	0			
China.....	17,596	31,457			
Japan.....	0	15,198			
Other countries.....	346	1,185			
Total.....	95,442	68,358			
Dehydrated vegetables:					
Belgium and Luxembourg.....	33	159			
France.....	1,239	129			
Germany.....	82	1,118			
United Kingdom.....	279	11			
Italy.....	8,854	475			
Greece.....	9	2			
U. S. S. R.....	5,408	0			
Other Europe.....	117	65			
Total Europe.....	16,021	1,959			
Canada.....	531	207			
Iceland.....	18	1			
Latin-American Republics: <sup>2</sup>					
Mexico.....	5	97			
Panama Republic.....	1	2			
Canal Zone.....	22	1			
Cuba.....	8	20			
Other L. A. Republics.....	4	6			
Total L. A. Republics.....	40	126			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<b>Baked beans and pork and beans, canned—Continued:</b>	<i>1,000 pounds</i>	<i>1,000 pound</i>
Dehydrated vegetables—Con.			Latin-American Republics—Con.		
Curacao (N. W. I.)	1	4	Panama Republic	164	136
French West Indies	6	0	Mexico	64	69
India and Dependencies	18,126	6,789	Cuba	50	60
Netherlands East Indies	3,903	16,625	Venezuela	108	159
Japan	0	56	Other L. A. Republics	105	101
Other countries	604	76			
<b>Total</b>	<b>39,250</b>	<b>25,843</b>	<b>Total L. A. Republics</b>	<b>707</b>	<b>1,647</b>
<b>Vegetables, canned:</b>			British West Indies <sup>4</sup>	71	97
<b>Asparagus, canned:</b>			Curacao (N. W. I.)	129	69
Switzerland	147	1,918	Republic of Philippines	498	732
Portugal	0	14	Egypt	907	0
Belgium and Luxembourg	0	476	Union of South Africa	545	1,162
Sweden	490	1,117	Hong Kong	10	11
France	1	5	China	46	10
Other Europe	( <sup>3</sup> )	51	India and Dependencies	1,257	( <sup>3</sup> ) 4
<b>Total Europe</b>	<b>638</b>	<b>3,581</b>	Iraq	100	
Canada	4	449	British West Africa <sup>7</sup>	47	2
Newfoundland and Labrador	1	18	Other countries	1,063	851
Iceland	18	6	<b>Total</b>	<b>16,878</b>	<b>8,020</b>
Latin-American Republics: <sup>2</sup>			<b>Beans, lima, canned:</b>		
Cuba	147	664	France	6	12
Mexico	167	663	Yugoslavia	0	31
Brazil	116	630	Other Europe	0	27
Venezuela	218	379	Canada	38	327
Canal Zone	244	114	Latin-American Republics: <sup>2</sup>		
Panama Republic	61	128	Venezuela	20	43
Colombia	95	255	Cuba	15	10
Peru	18	200	Colombia	4	5
Costa Rica	45	105	Nicaragua	6	0
El Salvador	19	36	Panama Republic	11	9
Ecuador	9	53	Peru	6	4
Other L. A. Republics	55	202	Brazil	6	5
<b>Total L. A. Republics</b>	<b>1,194</b>	<b>3,429</b>	Canal Zone	95	33
Curacao (N. W. I.)	19	72	Other L. A. Republics	3	6
British West Indies <sup>4</sup>	7	72	<b>Total L. A. Republics</b>	<b>166</b>	<b>115</b>
French West Indies	6	4	Curacao (N. W. I.)	12	32
Union of South Africa	196	1,857	British West Indies <sup>4</sup>	9	24
Republic of Philippines	994	625	British West Africa <sup>7</sup>	3	( <sup>3</sup> )
India and Dependencies	2	10	Belgian Congo	1	1
Netherlands East Indies	7	10	Liberia	3	2
Hong Kong	68	223	Iran (Persia)	16	0
British Malaya	5	( <sup>3</sup> )	Netherlands East Indies	15	1
Mozambique	0	71	Republic of Philippines	2	16
Belgian Congo	27	99	India and Dependencies	1	0
China	206	608	Other countries	12	63
French Pacific Islands	38	135	<b>Total</b>	<b>284</b>	<b>651</b>
Australia	0	1	<b>Beans, string or stringless, canned:</b>		
Other countries	85	211	Italy	2,367	14
<b>Total</b>	<b>3,515</b>	<b>11,481</b>	Belgium and Luxembourg	407	19
<b>Baked beans and pork and beans, canned:</b>			France	14	10
United Kingdom	0	210	United Kingdom	9	57
U. S. S. R.	624	0	Yugoslavia	856	69
Switzerland	0	3	Greece	163	18
Italy	4,259	245	Poland and Danzig	3	39
Belgium and Luxembourg	1,938	973	Germany	2	4
Germany	237	0	Other Europe	314	88
Other Europe	3,420	99	<b>Total Europe</b>	<b>4,135</b>	<b>318</b>
<b>Total Europe</b>	<b>10,478</b>	<b>1,530</b>	Canada	136	126
Newfoundland and Labrador	758	1,364	Newfoundland and Labrador	77	13
Canada	262	541	Latin-American Republics: <sup>2</sup>		
Latin-American Republics: <sup>2</sup>			Cuba	259	156
Brazil	6	761	Panama Republic	137	56
Canal Zone	210	361	Venezuela	140	118
			Colombia	29	47
			Mexico	87	42

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Vegetables, canned—Continued					
Beans, string or stringless, canned—continued:					
Latin-American Republics—Con.	1,000 pounds	1,000 pounds			
Brazil.....	( <sup>2</sup> )	138			
Peru.....	34	49			
Nicaragua.....	13	3			
Bolivia.....	1	3			
Canal Zone.....	304	218			
Other L. A. Republics.....	21	18			
Total L. A. Republics.....	1,025	848			
Curacao (N. W. I.).....	690	423			
British West Indies <sup>4</sup> .....	24	137			
India and Dependencies.....	3,117	( <sup>3</sup> )			
Egypt.....	493	0			
Belgian Congo.....	15	3			
Liberia.....	7	6			
British West Africa <sup>7</sup> .....	54	2			
Iraq.....	76	( <sup>3</sup> )			
Japan.....	0	31			
Republic of Philippines.....	426	14			
Netherlands East Indies.....	157	448			
British Malaya.....	48	931			
Burma.....	85	874			
Union of South Africa.....	72	49			
Other countries.....	551	390			
Total.....	11,188	4,613			
<b>Corn, canned:</b>					
Norway.....	18	0			
Sweden.....	5	23			
United Kingdom.....	14	0			
France.....	18	3			
Germany.....	4	49			
Czechoslovakia.....	1	28			
Poland and Danzig.....	4	32			
Italy.....	21	0			
Greece.....	34	3			
Yugoslavia.....	14	0			
Other Europe.....	7	15			
Total Europe.....	140	153			
Canada.....	5	3			
Newfoundland and Labrador.....	56	5			
Latin-American Republics: <sup>2</sup>					
Canal Zone.....	377	330			
Panama Republic.....	90	75			
Cuba.....	334	324			
Mexico.....	114	104			
Venezuela.....	148	171			
Dominican Republic.....	8	7			
Colombia.....	47	52			
Brazil.....	40	203			
Other L. A. Republics.....	64	64			
Total L. A. Republics.....	1,222	1,330			
Curacao (N. W. I.).....	41	62			
British West Indies <sup>4</sup> .....	65	154			
British Honduras.....	22	34			
Republic of Philippines.....	1,235	1,360			
Hong Kong.....	246	162			
Union of South Africa.....	538	2,205			
India and Dependencies.....	2	1			
China.....	66	53			
British Malaya.....	7	0			
Egypt.....	4	0			
Liberia.....	6	4			
Arabia Peninsula States.....	67	55			
New Zealand.....	2	0			
Other countries.....	79	50			
Total.....	3,803	5,631			
<b>Peas, canned:</b>					
Germany.....	3	26			
United Kingdom.....	12	4			
Sweden.....	1	753			
Switzerland.....	197	373			
Yugoslavia.....	14	98			
U. S. S. R.....	95	0			
Italy.....	5,076	16			
Belgium and Luxembourg.....	0	1,680			
France.....	70	15			
Portugal.....	12	4			
Other Europe.....	233	162			
Total Europe.....	5,713	3,131			
Newfoundland and Labrador.....	169	208			
Iceland.....	150	9			
Miquelon and St. Pierre.....	1	33			
Canada.....	227	81			
Latin-American Republics: <sup>2</sup>					
Brazil.....	547	14,949			
Cuba.....	569	1,435			
Canal Zone.....	382	432			
Panama Republic.....	472	306			
Venezuela.....	506	828			
Colombia.....	218	307			
Mexico.....	151	121			
Honduras.....	69	45			
Costa Rica.....	130	86			
Nicaragua.....	91	27			
Dominican Republic.....	69	40			
El Salvador.....	37	28			
Other L. A. Republics.....	92	447			
Total L. A. Republics.....	3,333	19,051			
Curacao (N. W. I.).....	616	448			
British West Indies <sup>4</sup> .....	126	571			
British Honduras.....	28	16			
British Guiana.....	7	10			
Republic of Philippines.....	958	671			
Netherlands East Indies.....	205	576			
Union of South Africa.....	591	1,990			
India and Dependencies.....	14,320	2			
British Malaya.....	174	683			
Egypt.....	1,459	0			
Iraq.....	107	0			
Other countries.....	1,709	1,686			
Total.....	29,893	29,166			
<b>Soups, canned:</b>					
Germany.....	0	48			
United Kingdom.....	7	41			
U. S. S. R.....	22	32			
Italy.....	164	62			
Belgium and Luxembourg.....	111	187			
Sweden.....	191	1,017			
Poland and Danzig.....	50	145			
Czechoslovakia.....	73	98			
Yugoslavia.....	32	69			
Greece.....	74	90			
Other Europe.....	296	180			
Total Europe.....	1,020	1,969			
Newfoundland and Labrador.....	146	409			
Canada.....	351	675			
Latin-American Republics: <sup>2</sup>					
Brazil.....	17	542			
Canal Zone.....	954	1,801			
Panama Republic.....	786	766			
Cuba.....	564	1,015			
Mexico.....	410	767			
Venezuela.....	353	722			
Colombia.....	188	279			

See footnotes on page 513.

TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47<sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
VEGETABLE PRODUCTS—continued					
Vegetables, canned—Continued:					
Soups, canned—Continued					
L. A. Republics <sup>2</sup> —Continued	1,000	1,000			
Dominican Republic	pounds	pounds			
Peru	64	155			
Costa Rica	45	52			
El Salvador	50	44			
Other L. A. Republics	8	10			
Total L. A. Republics	129	158			
Curacao (N. W. I.)	3,538	6,311			
British West Indies <sup>4</sup>	390	902			
Republic of Philippines	83	51			
British Malaya	672	844			
Hong Kong	122	2			
China	37	169			
Union of South Africa	1,053	157			
Liberia	669	1,646			
India and Dependencies	21	75			
Netherlands East Indies	123	3			
British West Africa <sup>7</sup>	48	12			
Belgian Congo	137	74			
Egypt	89	1			
New Zealand	7	7			
Other countries	551	426			
Total	9,078	13,756			
Spinach, canned:					
Germany	12	3,373			
Italy	906	7			
Belgium and Luxembourg	0	25			
Greece	6	93			
United Kingdom	103	84			
Other Europe	43	59			
Total Europe	1,070	3,641			
Canada	51	1,118			
Newfoundland and Labrador	6	24			
Latin-American Republics: <sup>2</sup>					
Cuba	53	55			
Panama Republic	47	33			
Venezuela	65	56			
Colombia	20	20			
Nicaragua	4	2			
Mexico	11	12			
Brazil	( <sup>3</sup> )	18			
Peru	6	12			
Bolivia	2	1			
Canal Zone	167	85			
Other L. A. Republics	11	14			
Total L. A. Republics	386	308			
Curacao (N. W. I.)	172	82			
British West Indies <sup>4</sup>	8	35			
Surinam	( <sup>3</sup> )	1			
India and Dependencies	1,353	( <sup>3</sup> )			
Belgian Congo	( <sup>3</sup> )	0			
Liberia	( <sup>3</sup> )	2			
Egypt	21	0			
Republic of Philippines	45	95			
Netherlands East Indies	73	154			
Iraq	1	0			
British Malaya	32	0			
Other countries	171	109			
Total	3,389	5,569			
Tomatoes, canned:					
United Kingdom	15	0			
Czechoslovakia	1	18			
Poland and Danzig	724	33			
U. S. S. R.	54	0			
Italy	1,256	40			
Belgium and Luxembourg	918	16			
France	18	7			
Other Europe	237	32			
Total Europe	3,223	146			
Tomatoes, canned—Continued					
Canada	1,000	1,000			
Newfoundland and Labrador	pounds	pounds			
Latin-American Republics: <sup>2</sup>					
Brazil	1	15			
Venezuela	7	42			
Colombia	16	21			
Canal Zone	449	400			
Panama Republic	22	9			
Mexico	33	50			
Costa Rica	11	13			
Other L. A. Republics	65	100			
Total L. A. Republics	604	650			
Curacao (N. W. I.)	106	177			
British West Indies <sup>4</sup>	58	54			
Egypt	620	0			
Australia	1,392	0			
Union of South Africa	9	3			
India and Dependencies	1,432	( <sup>3</sup> )			
Ceylon	725	0			
British West Africa <sup>7</sup>	24	0			
Iraq	28	0			
Arabia Peninsula States	27	65			
Republic of Philippines	290	390			
China	24	40			
Other countries	148	91			
Total	8,894	1,990			
Tomato juice, canned:					
Germany	3	81			
U. S. S. R.	14,580	1,411			
Belgium and Luxembourg	1	2,377			
Italy	200	511			
Czechoslovakia	26,656	2,417			
Poland and Danzig	22,549	15,993			
Yugoslavia	12,231	4			
Greece	10,559	923			
Other Europe	512	243			
Total Europe	87,291	23,960			
Canada	0	2			
Newfoundland and Labrador	32	13			
Latin-American Republics: <sup>2</sup>					
Canal Zone	812	542			
Panama Republic	240	246			
Cuba	759	372			
Venezuela	77	283			
Colombia	139	119			
Peru	99	62			
Mexico	102	147			
Brazil	99	200			
Bolivia	3	19			
Ecuador	34	13			
Other L. A. Republics	205	127			
Total L. A. Republics	2,599	2,130			
Curacao (N. W. I.)	75	92			
British West Indies <sup>4</sup>	18	136			
Surinam	19	2			
British Guiana	4	0			
Republic of Philippines	454	113			
China	227	39			
Hong Kong	37	120			
Egypt	4	2			
Belgian Congo	55	32			
Union of South Africa	190	198			
Liberia	6	4			
India and Dependencies	3	1			
Arabia Peninsula States	79	84			
Other countries	565	274			
Total	91,658	27,202			
Tomato paste and puree:					
United Kingdom	2,836	( <sup>3</sup> )			
Germany	1	124			



TABLE 603.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1945-46 and 1946-47 <sup>1</sup>—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1945-46	1946 47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>	<b>1,000</b>	<b>1,000</b>		<b>1,000</b>	<b>1,000</b>
Vegetables, canned—Continued	<i>pounds</i>	<i>pounds</i>	Other canned vegetables and juices—Continued	<i>pounds</i>	<i>pounds</i>
Tomato paste and puree—Con.			Belgium and Luxembourg.....	666	345
Belgium and Luxembourg.....	0	530	France.....	14	39
Eire (Ireland).....	0	65	Greece.....	1,173	801
U. S. S. R.....	698	0	Poland and Danzig.....	761	2,426
Other Europe.....	287	45	Yugoslavia.....	480	408
Total Europe.....	3,822	764	Czechoslovakia.....	351	425
Canada.....	2,147	5,446	Other Europe.....	1,958	176
Newfoundland and Labrador.....	10	8	Total Europe.....	16,534	7,238
Latin-American Republics <sup>2</sup>			Canada.....	639	5,355
Cuba.....	45	4,524	Newfoundland and Labrador.....	196	202
Canal Zone.....	622	449	Latin-American Republics: <sup>2</sup>		
Panama Republic.....	564	586	Canal Zone.....	1,254	810
Dominican Republic.....	148	370	Panama Republic.....	492	196
Honduras.....	201	154	Venezuela.....	675	1,185
Mexico.....	353	649	Mexico.....	212	486
Colombia.....	312	288	Cuba.....	445	546
Costa Rica.....	26	25	Colombia.....	153	175
Other L. A. Republics.....	99	449	Peru.....	80	9
Total L. A. Republics.....	2,370	7,494	Bolivia.....	4	9
Curacao (N. W. I.).....	147	402	Nicaragua.....	38	36
British West Indies <sup>4</sup> .....	3	25	Brazil.....	926	1,683
British Honduras.....	34	29	Other L. A. Republics.....	202	252
Republic of Philippines.....	993	2,478	Total L. A. Republics.....	4,481	5,475
Union of South Africa.....	18	9	Curacao (N. W. I.).....	1,192	607
China.....	72	87	British West Indies <sup>4</sup> .....	75	452
Belgian Congo.....	11	43	Surinam.....	21	16
Liberia.....	11	74	Republic of Philippines.....	530	1,200
French Pacific Islands.....	108	296	Union of South Africa.....	479	706
Iran (Persia).....	3	0	Belgian Congo.....	143	79
Japan.....	0	346	Netherlands East Indies.....	121	728
Other countries.....	206	78	India and Dependencies.....	11,619	637
Total.....	9,945	17,579	British Malaya.....	19	1 <sup>6</sup>
Other canned vegetables and juices:			Egypt.....	752	!
United Kingdom.....	272	880	Liberia.....	14	!
Sweden.....	95	225	British West Africa <sup>7</sup> .....	20	3
Germany.....	1	154	Iraq.....	19	0
Austria.....	0	720	Japan.....	0	29
U. S. S. R.....	1,163	226	Other countries.....	1,238	969
Italy.....	9,600	413	Total.....	38,092	23,747

<sup>1</sup> Preliminary. 1947 figures include exports under the Army Civilian Supply Program.  
<sup>2</sup> The Latin American Republics include Costa Rica, Guatemala, Honduras, Nicaragua, Panama Republic, Canal Zone, El Salvador, Mexico, Cuba, Dominican Republic, Haiti, Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, and Venezuela.  
<sup>3</sup> Less than 500.  
<sup>4</sup> The British West Indies include the Bahamas, Bermuda, Barbados, Jamaica, Trinidad and Tobago, the Windward and Leeward Islands.  
<sup>5</sup> Includes butter spreads as follows: U.S.S.R., 6,360,000 pounds; Czechoslovakia, 3,580,000 pounds; Poland and Danzig, 2,692,000 pounds; Belgium and Luxembourg, 4,693,000 pounds; Yugoslavia, 1,750,000 pounds; Italy, 82,000 pounds; Greece, 9,000 pounds; and Netherlands East Indies, 1,000,000 pounds.  
<sup>6</sup> Includes butter spreads exported as follows: Poland and Danzig, 316,000 pounds; Czechoslovakia, 132,000 pounds; Greece, 104,000 pounds; Italy, 57,000 pounds; China, 11,000 pounds; U.S.S.R., 7,000 pounds; Austria, 5,000 pounds; Germany, 34,000 pounds; Japan, 79,000 pounds.  
<sup>7</sup> British West Africa includes Gold Coast, Nigeria, St. Helena and Dependencies, Gambia and Sierra Leone.  
<sup>8</sup> Bales of 500 pounds each. <sup>9</sup> Includes apple cores, peelings, screenings and skins.  
<sup>10</sup> Includes grape juice, cider, citrus fruit juices, n.e.s. and mixed fruit juices except concentrated fruit juices. <sup>11</sup> Less than 1/2 ton.  
<sup>12</sup> Formerly reported as kafir milo. <sup>13</sup> Excludes apricot and peach pits and kernels.  
<sup>14</sup> French Africa includes Algeria, Tunisia, French Morocco, French Somaliland, Madagascar, French Equatorial Africa, Cameroon, and French West Africa.  
<sup>15</sup> Portuguese Africa includes Mozambique, Madeira and Cape Verde Islands, and Portuguese Guinea and Angola.  
<sup>16</sup> Spanish Africa includes Tangier, Spanish Morocco, Canary Islands, Rio de Oro and Spanish Guinea.

Office of Foreign Agricultural Relations. Compiled from official records, Bureau of the Census.  
 GENERAL NOTE.—Export statistics include Commercial, Lend-Lease and United Nations Relief and Rehabilitation Administration exports. 1947 figures also include exports under the Army Civilian Supply Program. They exclude shipments between Continental United States and its territories, shipments to the United States armed forces abroad for their own use, and prior to July 1945, shipments by and for the account of, or consigned to, United States Government agencies and establishments abroad.

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS</b>			<b>Cheese—Continued</b>		
<b>Cattle (dutiable by weight):</b>	<i>Thou-</i>	<i>sands</i>	<b>Blue mold:</b>	<i>1,000</i>	<i>1,000</i>
Less than 200 pounds each:			Argentina.....	<i>pounds</i> 8	<i>pounds</i> 0
Canada.....	9	8	Other countries.....	2	(?)
Mexico.....	1	0	Total.....	10	(?)
Other countries.....	0	0			
Total.....	10	8	<b>Cheddar:</b>		
<b>200 to 700 pounds each:</b>			Canada.....	4	10
Canada.....	2	3	Other countries.....	355	(?)
Mexico.....	410	138	Total.....	359	10
Other countries.....	0	0			
Total.....	412	141	<b>Edam and Gouda:</b>		
<b>700 pounds each, or over:</b>			Netherlands.....	(?)	189
Cows for dairy purposes:			Latin-American Republics: <sup>2</sup>		
Canada.....	54	54	Argentina.....	1,749	282
Mexico.....	1	(?)	Cuba.....	31	76
Other countries.....	(?)	0	Dominican Republic.....	16	0
Total.....	55	54	Other L. A. Republics.....	(?)	1
<b>Cattle, n. s. p. f.:</b>			Total L. A. Republics.....	1,796	359
Canada.....	(?)	(?)	Other countries.....	22	3
Mexico.....	38	16	Total.....	1,818	551
Other countries.....	0	(?)			
Total.....	38	16	<b>Goya.....</b>	0	0
<b>Cattle (free of duty):</b>					
Canada.....	38	26	<b>Provoloni:</b>		
Mexico.....	(?)	(?)	Argentina.....	1,234	70
Other countries.....	(?)	1	Other countries.....	3	2
Total.....	38	27	Total.....	1,237	72
			<b>Provolette.....</b>	2	0
<b>Butter:</b>	<i>1,000</i>	<i>1,000</i>			
Denmark.....	<i>pounds</i> 22	<i>pounds</i> 620	<b>Reggiano:</b>		
United Kingdom.....	0	(?)	Italy.....	0	(?)
Other Europe.....	0	1	Argentina.....	2,071	1,443
Total Europe.....	22	621	Uruguay.....	32	0
			Other countries.....	0	0
Canada.....	8	4	Total.....	2,103	1,443
Argentina.....	1	0			
New Zealand.....	3,835	9,998	<b>Parmesan:</b>		
Other countries.....	3	5	Argentina.....	19	0
Total.....	3,869	10,628	Other countries.....	0	(?)
			Total.....	19	(?)
<b>Cheese:</b>					
Swiss, Emmenthaler, with eye formation:			<b>Romano:</b>		
Switzerland.....	(?)	6	Italy.....	1	906
Latin-American Republics: <sup>3</sup>			Greece.....	0	(?)
Argentina.....	32	0	Other Europe.....	0	6
Other L. A. Republics.....	0	0	Argentina.....	5,372	8,228
Other countries.....	(?)	(?)	Other countries.....	(?)	0
Total.....	32	6	Total.....	5,373	9,140
<b>Swiss, Gruyere, process cheese:</b>					
Switzerland.....	(?)	0	<b>Pecorino:</b>		
Latin-American Republics: <sup>3</sup>			Italy.....	0	907
Argentina.....	31	589	Argentina.....	133	65
Other L. A. Republics.....	2	0	Other countries.....	0	(?)
Other countries.....	0	(?)	Total.....	133	972
Total.....	33	589			
			<b>Roquefort:</b>		
			France.....	0	489
			Other countries.....	(?)	1
			Total.....	(?)	490
			<b>Sbrinz:</b>		
			Argentina.....	834	1,339
			Other countries.....	0	0
			Total.....	834	1,339

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>					
Cheese—Continued				1,000	1,000
Other cheese:				pounds	pounds
Italy.....	0	5	Beef, canned, including corned:		
Greece.....	0	4	Argentina.....	21,972	4,083
Norway.....	(?)	26	Brazil.....	373	(?)
Switzerland.....	40	0	Paraguay.....	3,165	0
Other Europe.....	(?)	92	Uruguay.....	2,637	1
			Other countries.....	105	(?)
Total Europe.....	40	127	Total.....	28,252	4,084
Canada.....	164	123	Sausage casings:		
Argentina.....	1,021	17	U. S. S. R.....	143	196
Dominican Republic.....	265	458	United Kingdom.....	53	2
Mexico.....	277	328	Denmark.....	362	1,081
Cuba.....	18	9	Sweden.....	120	752
Other L. A. Republics.....	(?)	(?)	Other Europe.....	87	46
Total L. A. Republics.....	1,581	812	Total Europe.....	765	2,077
Other countries.....	2	(?)	Canada.....	5,386	5,546
Total.....	1,787	1,062	Latin-American Republics: <sup>3</sup>		
Casein or lactarene:			Argentina.....	4,909	9,499
Canada.....	1,657	381	Uruguay.....	1,339	1,538
Latin-American Republics: <sup>3</sup>			Brazil.....	741	1,436
Argentina.....	44,495	27,644	Chile.....	434	684
Uruguay.....	154	0	Paraguay.....	321	369
Brazil.....	336	0	Peru.....	9	7
Other L. A. Republics.....	0	4	Other L. A. Republics.....	129	131
Total L. A. Republics.....	44,985	27,648	Total L. A. Republics.....	7,882	13,664
Australia.....	85	75	Australia.....	777	786
New Zealand.....	767	574	New Zealand.....	1,536	1,230
Other countries.....	(?)	0	China.....	58	262
Total.....	47,494	28,678	Iran (Persia).....	290	505
Eggs in the shell:	1,000	1,000	Iraq.....	263	266
Canada.....	591	573	India and Dependencies.....	75	65
Dominican Republic.....	172	62	Turkey (Asia and Europe).....	116	102
China.....	20	60	Other countries.....	210	243
Hong Kong.....	4	9	Total.....	17,358	24,746
Other countries.....	0	6	Beeswax:		
Total.....	787	710	Portugal.....	82	54
Eggs, whole, dried:	1,000	1,000	United Kingdom.....	275	0
China.....	0	(?)	Latin-American Republics: <sup>3</sup>		
Other countries.....	2	1	Brazil.....	1,561	597
Egg, albumen, dried:			Cuba.....	519	575
China.....	0	(?)	Chile.....	510	543
Canada.....	108	14	Dominican Republic.....	513	498
Other countries.....	0	0	Haiti.....	159	130
Egg yolks, dried:			Other L. A. Republics.....	88	133
China.....	0	(?)	Total L. A. Republics.....	3,350	2,476
Canada.....	105	(?)	Portuguese Guinea and Angola.....	1,575	849
Other countries.....	0	0	Ethiopia.....	394	855
Total.....	215	15	Mozambique.....	81	79
Eggs, whole, frozen:			Madagascar.....	777	0
China.....	2	2	Other countries.....	344	597
Other countries.....	0	(?)	Total.....	6,878	4,910
Egg albumen, frozen.....	0	0	Honey:		
Egg yolks, frozen:			Cuba.....	7,693	9,239
China.....	0	(?)	Mexico.....	3,303	7,269
Other countries.....	0	0	Argentina.....	928	3,946
Total.....	2	2	Chile.....	1,428	2,638
			Guatemala.....	754	1,135
			Costa Rica.....	305	397
			El Salvador.....	12	775
			Haiti.....	200	497
			Dominican Republic.....	818	869
			Other L. A. Republics <sup>3</sup> .....	14	48
			Total L. A. Republics.....	15,455	26,813
			Other countries.....	223	93
			Total.....	15,678	26,906

See footnotes on page 525.

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
ANIMAL PRODUCTS—continued					
Fur skins and skins, raw (except furs):	1,000	1,000			
Cattle hides:	pounds	pounds	1,000	1,000	
United Kingdom.....	81	44	India water buffalo hides:		
Switzerland.....	0	488	United Kingdom.....	0	36
Other Europe.....	0	23	Other Europe.....	0	0
Total Europe.....	81	565	Total Europe.....	0	36
Canada.....	110	642	British Malaya.....	0	50
Latin-American Republics: <sup>2</sup>			Netherlands East Indies.....	10	11
Argentina.....	8,104	22,436	India and Dependencies.....	0	186
Brazil.....	1,581	13,166	China.....	7	44
Cuba.....	1,077	655	Australia.....	0	12
Uruguay.....	1,305	3,011	Siam.....	0	482
Paraguay.....	1,078	132	British East Africa.....	13	17
Colombia.....	297	2,557	Other countries.....	0	232
Venezuela.....	98	54	Total.....	30	1,070
Other L. A. Republics.....	721	1,452	Other buffalo hides:		
Total L. A. Republics.....	14,261	43,796	Philippine Islands.....	0	486
New Zealand.....	1,902	908	Netherlands East Indies.....	0	30
British East Africa.....	526	65	India and Dependencies.....	0	1,577
Union of South Africa.....	117	560	China.....	0	25
India and Dependencies.....	(2)	191	Australia.....	0	19
Australia.....	2,481	688	British East Africa.....	69	2
Other countries.....	942	1,123	Union of South Africa.....	54	0
Total.....	20,430	48,538	Other countries.....	0	72
			Total.....	123	2,211
Calf skins:			Horse, colt, and ass hides:		
Finland.....	0	11	United Kingdom.....	58	459
United Kingdom.....	0	1	Denmark.....	454	569
Norway.....	0	80	Other Europe.....	67	521
Other Europe.....	0	0	Total Europe.....	579	1,549
Total Europe.....	0	92	Canada.....	1,196	1,640
Canada.....	(2)	236	Argentina.....	10,090	9,719
Latin-American Republics: <sup>2</sup>			Other L. A. Republics <sup>2</sup> .....	1	1,086
Uruguay.....	11	19	Australia.....	1,294	939
Argentina.....	24	110	Other countries.....	168	225
Brazil.....	0	91	Total.....	13,328	15,158
Other L. A. Republics.....	1	156	Sheep and lamb skins:		
Total L. A. Republics.....	36	406	United Kingdom.....	742	632
New Zealand.....	980	68	Spain.....	17	2
Australia.....	34	10	Other Europe.....	176	85
British East Africa.....	58	0	Total Europe.....	935	719
Union of South Africa.....	6	266	Canada.....	271	227
India and Dependencies.....	30	528	Latin-American Republics: <sup>2</sup>		
Other countries.....	85	86	Argentina.....	21,109	12,898
Total.....	1,229	1,692	Uruguay.....	5,027	2,068
			Brazil.....	106	169
Kip skins:			Chile.....	4,051	2,371
Norway.....	0	19	Peru.....	962	644
Other Europe.....	0	0	Other L. A. Republics.....	0	0
Total Europe.....	0	19	Total L. A. Republics.....	31,255	18,150
Canada.....	0	714	New Zealand.....	19,765	16,280
Latin-American Republics: <sup>2</sup>			Union of South Africa.....	7,223	2,188
Argentina.....	259	378	Australia.....	27,714	20,832
Uruguay.....	0	155	Nigeria.....	209	90
Brazil.....	2	41	Egypt.....	30	89
Other L. A. Republics.....	0	105	Anglo-Egyptian Sudan.....	276	482
Total L. A. Republics.....	261	679	Arabia Peninsula States <sup>1</sup> .....	132	141
British East Africa.....	483	11	India and Dependencies.....	4,292	2,920
India and Dependencies.....	1	325	British East Africa.....	58	77
Union of South Africa.....	112	169	British Somaliland.....	192	252
Nigeria.....	387	0	Turkey (Asia and Europe).....	3,021	1,287
Ethiopia.....	60	189	Iran (Persia).....	807	206
Other countries.....	66	81	Other countries.....	316	558
Total.....	1,370	2,187	Total.....	96,496	64,498

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>ANIMAL PRODUCTS—continued</b>					
Hides and skins, raw (except furs)—Continued	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds
Hair sheep and cabretta skins:					
Brazil	1,277	2,043			
Argentina	172	240			
British West Indies <sup>6</sup>	15	18			
Union of South Africa	4,518	1,107			
India and Dependencies	472	1,359			
Nigeria	426	1,226			
Anglo-Egyptian Sudan	661	228			
British Somaliland	579	325			
Turkey	883	542			
British East Africa	106	226			
Arabia Peninsula States <sup>7</sup>	325	157			
Other countries	1,456	2,232			
Total	10,890	9,703			
Goat and kid skins:					
Yugoslavia	0	232			
Spain	( <sup>2</sup> )	4			
U. S. S. R.	0	217			
Other Europe	0	115			
Total Europe	( <sup>2</sup> )	568			
Latin-American Republics: <sup>3</sup>					
Brazil	1,515	4,401			
Argentina	1,349	3,197			
Mexico	15	305			
Venezuela	839	1,600			
Peru	1,184	1,484			
Haiti	465	499			
Colombia	328	343			
Dominican Republic	65	75			
Other L. A. Republics	53	241			
Total L. A. Republics	5,813	12,145			
British West Indies <sup>6</sup>	187	217			
Curacao (N. W. I.)	69	39			
India and Dependencies	11,527	24,125			
Nigeria	2,961	1,664			
Union of South Africa	1,547	3,297			
Netherlands East Indies	0	2			
British East Africa	796	453			
British Somaliland	897	1,595			
China	( <sup>2</sup> )	1,165			
Iraq	0	3			
Iran (Persia)	353	1,653			
Arabia Peninsula States <sup>7</sup>	1,157	1,391			
Turkey (Asia and Europe)	1,321	408			
Other countries	1,660	4,778			
Total	28,288	53,503			
Kangaroo or wallaby skins:					
Australia	1,494	2,664			
Other countries	1	0			
Total	1,495	2,664			
Deer and elk, buck, doe skins:					
United Kingdom	31	24			
Canada	9	2			
Latin-American Republics: <sup>3</sup>					
Brazil	633	763			
Nicaragua	169	193			
Peru	61	61			
Ecuador	43	50			
Colombia	8	37			
Other L. A. Republics	141	201			
Total L. A. Republics	1,055	1,305			
Deer and elk, buck, doe skins—Continued					
Siam	0	138			
Australia	93	53			
China	18	70			
New Zealand	374	423			
French Pacific Islands <sup>8</sup>	13	29			
Other countries	42	312			
Total	1,635	2,356			
Other hides and skins:	1,000 pieces	1,000 pieces			
Canada	37	41			
Latin-American Republics: <sup>3</sup>					
Brazil	903	813			
Peru	116	103			
Argentina	247	117			
Colombia	122	79			
Mexico	82	31			
Ecuador	32	31			
Uruguay	15	2			
Other L. A. Republics	74	71			
Total L. A. Republics	1,591	1,247			
Union of South Africa	6	4			
Belgian Congo	( <sup>2</sup> )	2			
Other countries	29	69			
Total	1,663	1,363			
Silk, raw, in skeins reeled from the cocoons:	1,000 pounds	1,000 pounds			
Italy	1,351	790			
Japan	4,196	7,092			
China	609	436			
Brazil	235	29			
Other countries	0	1			
Total	6,391	8,348			
Wool, unmanufactured:					
Free in bond for manufacture in carpets, etc. (complementary)	237,010	194,024			
Other wool (supplementary)	808,355	659,696			
Total wool, unmanufactured	1,045,365	853,720			
Wool, unmanufactured:					
Donskoi, Smyrna, etc.:					
Free in bond for manufacture in carpets, etc.:					
United Kingdom	11,986	773			
Eire (Ireland)	3,023	1,867			
Portugal	0	44			
Italy	0	855			
Other Europe	263	481			
Total Europe	15,272	4,020			
Iceland	136	331			
Latin-American Republics: <sup>3</sup>					
Argentina	54,291	46,151			
Brazil	347	446			
Uruguay	310	185			
Other L. A. Republics	97	73			
Total L. A. Republics	55,045	46,855			
Iraq	5,365	9,883			
India and Dependencies	31,642	23,860			
China	6,360	6,118			
Union of South Africa	1,735	458			
Egypt	22	1,081			
Syria	721	12,309			
New Zealand	1,100	8,028			
Other countries	4,801	3,589			
Total	122,199	116,532			

See footnotes on page 525.

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
ANIMAL PRODUCTS—continued					
Wool, unmanufactured—Continued					
Donskol, Smyrna, etc.—Con					
Ordinarily dutiable:					
United Kingdom.....	825	39	Hair of the camel—Continued		
Eire (Ireland).....	0	29	Ordinarily dutiable:		
Other Europe.....	0	0	U. S. S. R.....	700	448
Total Europe.....	825	68	China.....	0	218
Iceland.....	642	349	Iraq.....	50	2
Latin-American Republics: <sup>3</sup>			Iran (Persia).....	14	22
Argentina.....	1,364	1,662	Afghanistan.....	8	34
Uruguay.....	6	0	Other countries.....	0	7
Other L. A. Republics.....	0	0	Total.....	772	731
Total L. A. Republics.....	1,370	1,662	Woolen type, finer than 40's—		
Iraq.....	33	1	(clothing wool):		
India and Dependencies.....	64	152	United Kingdom.....	120	48
China.....	62	31	Other Europe.....	33	87
Syria.....	0	4	Canada.....	563	76
New Zealand.....	0	6	Latin-American Republics: <sup>3</sup>		
Other countries.....	27	4	Argentina.....	40,508	18,631
Total.....	3,023	2,277	Uruguay.....	13,302	4,386
Other wools not finer than 40's:			Peru.....	1,511	349
Free in bond for manufacture in			Chile.....	1,745	650
carpets, etc.:			Brazil.....	10	86
Eire (Ireland).....	219	272	Other L. A. Republics.....	0	0
United Kingdom.....	3,027	706	Total L. A. Republics.....	57,076	24,102
Other Europe.....	143	354	Union of South Africa.....	6,115	3,190
Total Europe.....	3,389	1,332	Australia.....	6,338	5,108
Latin-American Republics: <sup>3</sup>			New Zealand.....	3,555	12,350
Argentina.....	98,257	66,200	Other countries.....	7	0
Uruguay.....	1,537	528	Total.....	73,807	44,961
Other L. A. Republics.....	10	6	Worsted type, finer than 40's		
Total L. A. Republics.....	99,804	66,734	(combing wool):		
New Zealand.....	8,662	6,138	Eire (Ireland).....	50	68
China.....	228	121	United Kingdom.....	61	1,358
India and Dependencies.....	1,320	1,876	Other Europe.....	0	7
Australia.....	0	6	Total Europe.....	111	1,433
Other countries.....	907	538	Canada.....	7,742	2,474
Total.....	114,310	76,745	Latin-American Republics: <sup>3</sup>		
Ordinarily dutiable:			Argentina.....	73,021	37,140
Eire (Ireland).....	314	228	Uruguay.....	92,591	59,553
United Kingdom.....	338	0	Brazil.....	425	1,112
Other Europe.....	0	0	Peru.....	820	61
Total Europe.....	652	228	Chile.....	11,596	13,151
Latin-American Republics: <sup>3</sup>			Other L. A. Republics.....	55	0
Argentina.....	58,031	49,490	Total L. A. Republics.....	178,508	111,017
Uruguay.....	487	771	Australia.....	341,563	320,562
Other L. A. Republics.....	9	0	Union of South Africa.....	89,022	79,681
Total L. A. Republics.....	58,527	50,261	New Zealand.....	41,571	36,846
New Zealand.....	1,910	1,265	Other countries.....	153	307
China.....	25	1	Total.....	658,670	552,320
India and Dependencies.....	0	7	Hair of the Angora (mohair), Al-		
Australia.....	273	108	paca, etc.:		
Iran (Persia).....	1	0	Peru.....	5,947	2,306
Other countries.....	126	189	Mexico.....	28	134
Total.....	61,514	52,059	Argentina.....	712	309
Hair of the camel:			Chile.....	18	26
Free in bond for manufacture in			Other L. A. Republics: <sup>3</sup>	3	2
carpets, etc.:			Total L. A. Republics.....	6,708	2,777
U. S. S. R.....	335	182	Union of South Africa.....	499	823
China.....	0	536	China.....	0	73
Iran (Persia).....	166	29	Iran (Persia).....	92	330
Other countries.....	0	0	Australia.....	2,806	2,646
Total.....	501	747	Other countries.....	464	699
			Total.....	10,569	7,348

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by country of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS</b>					
Cocoa or cacao beans and shells:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Crin vegetal:	<i>2,240-lb. tons</i>	<i>2,240-lb. tons</i>
Brazil.....	144,296	138,152	French Morocco.....	524	1,890
Dominican Republic.....	43,306	62,647	Argentina.....	787	732
Ecuador.....	14,258	24,401	Spanish Africa.....	1,411	252
Venezuela.....	31,625	22,287	Other countries.....	222	835
Costa Rica.....	( <sup>2</sup> )	250	Total.....	2,944	3,709
Panama Republic.....	1,224	4,628	Flax, unmanufactured:		
Canal Zone.....	81	79	U. S. S. R.....	843	759
Haiti.....	1,340	4,962	Belgium.....	402	2,176
Other L. A. Republics <sup>3</sup> .....	0	969	United Kingdom.....	2	779
Total L. A. Republics.....	236,130	258,375	Other Europe.....	350	238
British West Indies <sup>6</sup> .....	9,249	9,064	Total Europe.....	1,597	3,952
British West Africa <sup>9</sup> .....	354,148	276,372	Canada.....	1,460	1,429
French Africa <sup>10</sup> .....	38,749	22,662	Chile.....	57	42
New Zealand.....	2,780	1,267	Peru.....	0	187
Other countries.....	316	744	Argentina.....	10	0
Total.....	641,372	568,484	Other countries.....	74	63
Coffee:			Total.....	3,198	5,673
Brazil.....	1,734,256	1,233,363	Hemp, unmanufactured:		
Colombia.....	659,122	684,723	Italy.....	0	31
Venezuela.....	66,260	84,970	Other countries.....	0	15
El Salvador.....	75,061	145,901	Total.....	0	46
Guatemala.....	95,281	107,176	Istle or Tampico:		
Mexico.....	68,965	53,701	Mexico.....	8,206	10,739
Haiti.....	30,293	17,812	Other countries.....	0	2
Costa Rica.....	33,286	24,825	Total.....	8,206	10,741
Ecuador.....	10,737	6,974	Jute and jute butts, unmanufactured:		
Nicaragua.....	27,444	25,253	India and Dependencies.....	77,734	35,419
Dominican Republic.....	25,376	24,701	Other countries.....	0	45
Other L. A. Republics <sup>3</sup> .....	10,781	4,105	Total.....	77,734	35,464
Total L. A. Republics.....	2,836,862	2,413,504	Kapok:		
Netherlands East Indies.....	0	49	Ecuador.....	235	497
Belgian Congo.....	614	5,809	Dominican Republic.....	47	44
Arabia Peninsula States <sup>7</sup> .....	( <sup>2</sup> )	2,012	Brazil.....	5	6
Portuguese Africa <sup>11</sup> .....	24,896	52,708	Other L. A. Republics <sup>3</sup> .....	2	1
Other countries.....	3,949	1,473	Total L. A. Republics.....	289	548
Total.....	2,866,321	2,475,555	Netherlands East Indies.....	110	261
Fibers:			Republic of Philippines.....	0	52
Cotton, raw: <sup>12</sup>	<i>Bales</i>	<i>Bales</i>	India and Dependencies.....	75	0
Mexico.....	13,400	18,846	Other countries.....	9	143
Peru.....	22,493	45,095	Total.....	483	1,004
Brazil.....	1,300	930	Manila or abaca:		
India and Dependencies.....	214,856	102,920	Panama Republic.....	1,640	3,701
Egypt.....	72,315	134,005	Canal Zone.....	545	196
Anglo-Egyptian Sudan.....	0	2	Costa Rica.....	2,669	2,034
China.....	0	216	Guatemala.....	2,260	1,628
Other countries.....	( <sup>2</sup> )	1,515	Honduras.....	1,295	1,794
Total.....	324,364	303,529	Other L. A. Republics <sup>3</sup> .....	1	0
Cotton linters: <sup>12</sup>			Total L. A. Republics.....	8,410	9,353
U. S. S. R.....	5,704	24,484	Republic of Philippines.....	11,216	45,929
Latin-American Republics: <sup>3</sup>			Netherlands East Indies.....	0	38
Brazil.....	195,410	26,568	Other countries.....	0	157
Argentina.....	18,929	5,516	Total.....	19,626	55,477
Mexico.....	30,551	39,429	New Zealand fiber.....	0	0
Peru.....	1,580	1,629			
Ecuador.....	9	8			
Other L. A. Republics.....	5,627	284			
Total L. A. Republics.....	252,106	73,434			
Other countries.....	1,935	339			
Total.....	259,745	98,257			

See footnotes on page 525.

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
<b>Fibers,—Continued</b>					
Sisal and henequen:					
Mexico.....	2,240-1b. tons 57,437	2,240-1b. tons 56,736	Cherries, natural, sulphured, or in brine:	1,000 pounds 22	1,000 pounds 68
Haiti.....	12,663	17,861	Yugoslavia.....	112	4,383
Cuba.....	429	416	Italy.....	0	67
Other L. A. Republics <sup>2</sup> .....	0	702	Chile.....	1	74
Total L. A. Republics.....	70,529	75,715	Other countries.....	135	4,592
Netherlands East Indies.....	494	951	Cherries, dried or prepared:		
British East Africa.....	31,478	15,332	France.....	(?)	2
Mozambique.....	16,251	11,160	Canada.....	(?)	(?)
Other Portuguese Africa <sup>11</sup> .....	6,591	7,206	Other countries.....	0	1
Other countries.....	2,753	3,914	Total.....	(?)	3
Total.....	128,096	114,278	Currants:		
Other vegetable fibers: <sup>12</sup>			Greece.....	0	14
Brazil.....	665	1,427	Other countries.....	3	0
Mexico.....	322	572	Total.....	3	14
Other L. A. Republics <sup>2</sup> .....	57	612	Dates:		
Total L. A. Republics.....	1,044	2,611	Iraq.....	35,632	43,905
India and Dependencies.....	3,584	2,914	Iran (Persia).....	3,399	1,248
Netherlands East Indies.....	0	38	Other countries.....	5	33
Ceylon.....	1,122	3,500	Total.....	39,036	45,186
British West Africa <sup>9</sup> .....	412	2,142	Figs:		
Liberia.....	1,669	1,480	Greece.....	0	1,146
Madagascar.....	261	325	Turkey.....	3,501	1,826
Belgian Congo.....	0	1,200	Italy.....	(?)	322
Republic of Philippines.....	0	654	Other countries.....	1	13
Other countries.....	195	1,075	Total.....	3,502	3,307
Total.....	8,287	15,939	Grapes, hothouse:	1,000 cu. ft. (?)	1,000 cu. ft. (?)
<b>Fruits:</b>	1,000 bushels	1,000 bushels	Belgium.....	0	2
Apples, green or ripe:			Other countries.....	(?)	2
Canada.....	62	901	Total.....	(?)	2
Argentina.....	1	2	Grapes, other:		
Chile.....	101	62	Canada.....	269	167
Australia.....	87	19	Argentina.....	19	260
New Zealand.....	13	0	Chile.....	22	113
Other countries.....	0	0	Other countries.....	4	38
Total.....	264	984	Total.....	314	578
<b>Avacados:</b>	1,000 pounds	1,000 pounds	Lemons (76 lbs.).....	1,000 boxes (?)	1,000 boxes (?)
Cuba.....	892	4,889	Total.....	(?)	6
Other countries.....	(?)	(?)	Olives, in brine:	1,000 gallons	1,000 gallons
Total.....	892	4,889	Spain.....	10,414	7,202
<b>Bananas:</b>	1,000 bunches	1,000 bunches	Greece.....	23	734
Honduras.....	9,420	13,087	Portugal.....	22	0
Panama Republic.....	2,596	4,187	Italy.....	51	562
Canal Zone.....	1,099	713	Other Europe.....	0	0
Guatemala.....	10,028	10,091	Total Europe.....	10,510	8,498
Cuba.....	3,249	4,499	Other countries.....	22	74
Costa Rica.....	4,233	5,762	Total.....	10,532	8,572
Mexico.....	5,693	8,532	Pears, green, ripe, in brine:	1,000 pounds	1,000 pounds
Haiti.....	4,975	7,363	Canada.....	(?)	24
Colombia.....	1,899	1,585	Argentina.....	13,290	7,269
Nicaragua.....	169	352	Chile.....	159	515
Ecuador.....	64	1,165	China.....	0	7
Other L. A. Republics <sup>2</sup> .....	1,359	1,315	Hong Kong.....	0	1
Total L. A. Republics.....	44,784	58,651	Australia.....	1,502	1,075
British West Indies <sup>6</sup> .....	204	68	Other countries.....	0	54
British Honduras.....	83	204	Total.....	14,951	8,945
Other countries.....	473	0			
Total.....	45,544	58,923			



TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
<b>Fruits—Continued</b>				<i>1,000 pounds</i>	<i>1,000 pounds</i>
Pineapples, fresh (2.45 cu. ft.):	<i>1,000 crates</i>	<i>1,000 crates</i>	Rice, broken:		
Cuba.....	1,370	971	Argentina.....	6,141	0
Other countries.....	3	10	Surinam.....	316	519
Total.....	1,373	981	Other countries.....	0	(?)
			Total.....	6,457	519
	<i>Thou-</i>	<i>Thou-</i>			
	<i>sands</i>	<i>sands</i>	Rye, grain (56 lbs.):	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Pineapples, fresh:			Canada.....	1,996	1,641
Mexico.....	10,974	13,035	Other countries.....	0	(?)
Cuba.....	(?)	67	Total.....	1,996	1,641
Other countries.....	237	53			
Total.....	11,211	13,155	Wheat, grain (60 lbs.):		
			For domestic use:		
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Unfit for human consumption:		
Pineapples, prepared or preserved:			Canada.....	719	28
Cuba.....	18,828	38,077	Other countries.....	7	0
Mexico.....	3,860	7,655	Other wheat grain:		
Other countries.....	1	(?)	Canada.....	1,136	22
Total.....	22,689	45,732	Other countries.....	0	(?)
			For milling in bond and export:		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	To Cuba:		
Grains and grain products:			Canada.....	2	367
Barley, grain (48 lbs.):			Other countries.....	0	0
Canada.....	5,647	4,063	To other countries:		
Other countries.....	0	0	Canada.....	11,589	1,601
Total.....	5,647	4,063	Other countries.....	0	0
			Total.....	13,453	2,018
	<i>1,000 pounds</i>	<i>1,000 pounds</i>			
Barley, malt:			Wheat flour (100 lbs.):	<i>Bags</i>	<i>Bags</i>
Canada.....	5,697	7,503	Canada.....	41,401	3,122
Argentina.....	0	55	Other countries.....	48	81
Other countries.....	0	0	Total.....	41,449	3,203
Total.....	5,697	7,558			
				<i>Tons</i>	<i>Tons</i>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	Feeds (2,000 lbs.):		
Corn, grain (56 lbs.):			Bran shorts, etc., of wheat:		
Canada.....	81	89	Canada.....	139,513	57,430
Mexico.....	9	4	Argentina.....	52,575	23,216
Dominican Republic.....	317	532	Mexico.....	6,334	5,954
Other countries.....	5	9	Other countries.....	25	30
Total.....	412	634	Total.....	198,447	86,630
			Oil cake and oil-cake meal:		
Oats, grain (32 lbs.):			Coconut or copra:		
Canada.....	21,478	923	Republic of Philippines.....	199	1,426
Mexico.....	0	(?)	Other countries.....	180	19
Other countries.....	0	1	Total.....	379	1,445
Total.....	21,478	924			
			Soybean.....	26	0
	<i>1,000 pounds</i>	<i>1,000 pounds</i>			
Rice, cleaned, ex. patna:			Nuts:	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Brazil.....	2,167	5	Almonds, shelled:		
Dominican Republic.....	14	151	Portugal.....	1,525	495
Mexico.....	20	24	Spain.....	15,498	2,250
Iran.....	8	28	Italy.....	902	5,985
Other countries.....	(?)	2	Other Europe.....	0	4
Total.....	2,209	210	Total Europe.....	17,925	8,734
			India and Dependencies.....	0	16
Rice, patna.....	0	0	Iran (Persia).....	80	99
			Other countries.....	111	79
Rice, uncleaned and paddy.....	1	(?)	Total.....	18,116	8,928
Rice, flour, meal, polish, and bran:			Almonds, not shelled:		
Brazil.....	0	1,873	Spain.....	490	378
Dominican Republic.....	(?)	0	Other Europe.....	0	26
Mexico.....	1,250	959	Iran (Persia).....	(?)	0
China.....	1	14	Other countries.....	11	(?)
Hong Kong.....	(?)	5	Total.....	501	404
Other countries.....	1	4			
Total.....	1,252	2,855			

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
<b>VEGETABLE PRODUCTS—continued</b>					
Nuts—Continued:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Walnuts, shelled:	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Brazil nuts, shelled:			Italy.....	28	264
Brazil.....	6,110	6,879	China.....	0	14
Other countries.....	2	23	Turkey (Asia and Europe).....	268	448
Total.....	6,112	6,902	India and Dependencies.....	45	0
			Other countries.....	22	13
Brazil nuts, not shelled:			Total.....	363	739
Brazil.....	4,282	23,951	Walnuts, not shelled:		
Other countries.....	0	0	Italy.....	0	230
Total.....	4,282	23,951	Iran (Persia).....	47	0
Cashew nuts:			Other countries.....	0	4
Brazil.....	779	630	Total.....	47	234
Haiti.....	219	152	Oilseeds:		
India and Dependencies.....	28,382	29,008	Babassu nuts.....	0	0
Other Asia.....	300	567	Babassu kernels:		
Other countries.....	41	111	Brazil.....	64,869	27,873
Total.....	29,721	30,468	Other countries.....	0	0
Chestnuts, including marrons, crude, dried, or baked:			Total.....	64,869	27,873
Spain.....	0	675	Castor beans:		
Portugal.....	153	63	Brazil.....	254,195	228,722
Italy.....	148	6,300	Haiti.....	3,459	6,671
Hong Kong.....	0	(2)	El Salvador.....	0	736
Other countries.....	(2)	3	Guatemala.....	76	54
Total.....	301	7,041	Ecuador.....	1,015	1,364
Filberts, shelled:			Other countries.....	2,899	397
Spain.....	54	1	Total.....	261,644	237,944
Italy.....	239	380	Copra, not prepared:		
Other Europe.....	0	(2)	Republic of Philippines.....	192,081	1,304,634
Total Europe.....	293	381	French Pacific Islands <sup>2</sup> .....	32,732	0
Turkey (Asia and Europe).....	8,940	10,093	New Zealand.....	12,952	0
Other countries.....	355	13	British Oceania.....	63,144	0
Total.....	9,588	10,487	Ceylon.....	12,801	0
Filberts, not shelled:			Other countries.....	442	1,900
Italy.....	425	3,483	Total.....	314,152	1,306,534
Spain.....	451	138	Flaxseed:	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Turkey (Asia and Europe).....	17	0	Canada.....	346	50
Other countries.....	0	0	Argentina.....	1,352	0
Total.....	893	3,621	Uruguay.....	1,685	982
Peanuts, shelled:			Mexico.....	46	321
Argentina.....	21,469	0	Other countries.....	(2)	(2)
China.....	(2)	(2)	Total.....	3,429	1,353
Other countries.....	0	0	Rapeseed:	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Total.....	21,469	(2)	Netherlands.....	646	20
Peanuts, not shelled:			Canada.....	732	37
China.....	(2)	2	Argentina.....	423	14
Hong Kong.....	1	(2)	Other countries.....	0	196
Other countries.....	0	(2)	Total.....	1,801	267
Total.....	1	2	Sesame seed:		
Pistache nuts:			Nicaragua.....	2,916	6,314
Italy.....	661	263	Brazil.....	515	196
Syria.....	558	442	Mexico.....	(2)	0
Iran (Persia).....	239	0	Guatemala.....	4	0
Turkey (Asia and Europe).....	150	2,371	Dominican Republic.....	148	119
India and Dependencies.....	268	15	El Salvador.....	0	50 <sup>F</sup>
Afghanistan.....	538	11	Other L. A. Republics <sup>3</sup> .....	224	6
Other countries.....	0	0	Total L. A. Republics.....	3,807	7,135
Total.....	2,414	3,102	China.....	2	800
			India and Dependencies.....	43	213
			Hong Kong.....	4	5
			Other countries.....	473	45
			Total.....	4,329	8,198

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
VEGETABLE PRODUCTS—continued					
Oils:				1,000 gallons	1,000 gallons
Carnauba wax:			Rapeseed (colza) oil:		
Brazil.....	19,228	12,234	Argentina.....	1,376	257
Other countries.....	0	0	France.....	0	302
Total.....	19,228	12,234	Canada.....	0	111
			Other countries.....	0	17
Coconut oil:			Total.....	1,376	687
Republic of Philippines.....	0	12,338			
Ceylon.....	5,312	0	Soybean oil:	1,000 pounds	1,000 pounds
India and Dependencies.....	2,630	0	China.....	0	4
British Oceania.....	2,239	0	Other countries.....	( <sup>2</sup> )	1
Other countries.....	0	3,998	Total.....	( <sup>2</sup> )	5
Total.....	10,181	16,336			
Linseed oil:			Tung oil:		
United Kingdom.....	1	1	Brazil.....	132	124
Canada.....	7,704	12,901	Argentina.....	1,076	0
Argentina.....	96,076	139,076	China.....	4,970	106,629
Uruguay.....	1,671	5,297	Hong Kong.....	0	431
Other countries.....	0	10,976	Other countries.....	152	0
Total.....	105,452	168,251	Total.....	6,330	107,184
Oiticica oil:			Pepper, unground:		
Brazil.....	19,441	22,648	Mexico.....	1	103
Mexico.....	174	0	Netherlands East Indies.....	7	19,088
Other countries.....	0	0	India and Dependencies.....	3,360	12,791
Total.....	19,615	22,648	British Malaya.....	0	2,529
			French Indo-China.....	0	22
Olive oil, edible:			Other countries.....	0	561
Greece.....	14	450	Total.....	3,368	35,094
Spain.....	1,616	9,089			
Italy.....	( <sup>2</sup> )	3,194	Sugar, raw, cane (2,000 lbs.):	1,000 tons	1,000 tons
France.....	0	11	Cuba.....	2,353	3,317
Other Europe.....	0	( <sup>2</sup> )	Peru.....	55	28
Total Europe.....	1,630	14,744	Other L. A. Republics <sup>1</sup> .....	0	( <sup>2</sup> )
French Morocco.....	0	416	Total L. A. Republics.....	2,408	3,345
Syria.....	165	1,533	French West Indies.....	11	0
Other countries.....	( <sup>2</sup> )	233	Australia.....	1	0
Total.....	1,795	16,956	Other countries.....	3	( <sup>2</sup> )
			Total.....	2,423	3,345
Olive oil, inedible:					
Italy.....	0	90	Tea:	1,000 pounds	1,000 pounds
Spain.....	26	15	United Kingdom.....	0	( <sup>2</sup> )
Other Europe.....	0	0	Netherlands East Indies.....	0	28
Total Europe.....	26	105	Ceylon.....	37,691	31,307
French Morocco.....	38	0	Japan.....	0	7,619
Syria.....	7	137	India and Dependencies.....	48,584	47,998
Other countries.....	5	32	China.....	201	2,723
Total.....	76	274	Other countries.....	110	388
			Total.....	86,586	90,063
Palm oil:			Tobacco leaf, unmanufactured:		
Belgian Congo.....	23,875	47,978	Leaf for cigar wrappers:		
British West Africa <sup>1</sup> .....	7,240	0	Cuba.....	285	351
Other countries.....	6	3	Netherlands East Indies.....	1,099	1,042
Total.....	31,121	47,981	Other countries.....	36	20
			Total.....	1,420	1,413
Peanut oil:					
China.....	21	133	Cigar leaf filler (stemmed and un-		
Hong Kong.....	0	13	stemmed):		
Other countries.....	( <sup>2</sup> )	( <sup>2</sup> )	Cuba.....	18,361	24,148
Total.....	21	146	Other countries.....	22	160
			Total.....	18,383	24,308
Perilla oil:					
Manchuria.....	14	0			
Other countries.....	0	0			
Total.....	14	0			

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
VEGETABLE PRODUCTS—continued					
Tobacco leaf, unmanufactured—					
Continued	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Tomatoes, canned:	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Cigarette leaf:			Italy.....	146	14,065
Greece.....	2,385	6,447	Canada.....	4	5
Bulgaria.....	532	1,972	Mexico.....	298	762
U. S. S. R.....	873	1,568	Other countries.....	1	1
Turkey (Asia and Europe).....	43,495	43,335	Total.....	449	14,833
Syria.....	2,847	3,214	Farinaceous substances:		
Other countries.....	977	1,376	Arrowroot, crude, or manufac-		
Total.....	51,109	57,912	tured, starch and flour:		
Vegetables and preparations:			Brazil.....	171	0
Eggplant, fresh:			British West Indies <sup>6</sup> .....	3,822	5,029
Cuba.....	891	1,542	Other countries.....	0	21
Mexico.....	948	283	Total.....	3,993	5,050
Other countries.....	0	1	Sago, crude, and sago flour:		
Total.....	1,839	1,826	Netherlands East Indies.....	280	2,798
Onions (57 lbs.):	<i>1,000 bushels</i>	<i>1,000 bushels</i>	British Malaya.....	0	2,752
Canada.....	(2)	1	Other countries.....	0	3
Chile.....	66	39	Total.....	280	5,553
Mexico.....	285	83	Tapioca, tapioca flour, and cassava:		
Argentina.....	1	2	Dominican Republic.....	6,128	5,672
Dominican Republic.....	1	0	Brazil.....	74,236	268,129
Other countries.....	27	21	Cuba.....	0	57
Total.....	380	146	Other L. A. Republics <sup>3</sup> .....	0	1,986
Peas, green or unripe (except cow-	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Total L. A. Republics.....	80,364	275,844
peas and chickpeas):			Netherlands East Indies.....	552	2,132
Canada.....	39	20	China.....	6	136
Mexico.....	5,991	4,100	Hong Kong.....	5	11
Cuba.....	(2)	0	Other countries.....	8	2,260
Other countries.....	1	0	Total.....	80,935	280,336
Total.....	6,031	4,120	Rubber and allied gums:		
Peppers, green:			Guayule:		
Mexico.....	19,400	20,260	Mexico.....	15,697	11,906
Cuba.....	109	1,391	Other countries.....	0	56
Other countries.....	9	52	Total.....	15,697	11,962
Total.....	19,518	21,703	Other rubber, crude: <sup>14</sup>		
Potatoes, white or Irish:	<i>1,000 bushels</i>	<i>1,000 bushels</i>	Brazil.....	39,670	21,061
Certified seed:			Ecuador.....	3,823	2,508
Canada.....	1,793	2,257	Porto.....	2,970	3,932
Other countries.....	0	0	Nicaragua.....	2,075	787
Other potatoes:			Colombia.....	504	0
Canada.....	10	2,346	Bolivia.....	7,817	7,301
Other countries.....	0	1	Other L. A. Republics <sup>3</sup> .....	1,912	2,268
Total.....	1,803	4,604	Total L. A. Republics.....	58,771	35,907
Tomatoes, fresh:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	British Malaya.....	130,835	1,068,133
Canada.....	1,411	1,492	Netherlands East Indies.....	9,520	112,285
Mexico.....	168,243	235,432	Ceylon.....	108,293	22,582
Cuba.....	32,723	24,668	French Indo-China.....	57,899	106,980
British West Indies <sup>5</sup> .....	686	1,555	Liberia.....	44,950	49,623
Other countries.....	2	21	Other countries.....	19,703	31,329
Total.....	203,065	263,168	Total.....	429,971	1,426,829

See footnotes on page 525.

TABLE 604.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1945-46 and 1946-47<sup>1</sup>—Con.

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1945-46	1946-47		1945-46	1946-47
VEGETABLE PRODUCTS—continued	1,000	1,000		1,000	1,000
Rubber and allied gums—Con.	pounds	pounds		pounds	pounds
Gutta balata:			Jelutong or pontianak:		
Brazil.....	3,580	3,190	Brazil.....	0	44
Peru.....	13	16	British Malaya.....	134	2,671
Venezuela.....	121	775	Netherlands East Indies.....	0	178
Colombia.....	64	257	Other countries.....	0	0
Other L. A. Republics <sup>2</sup> .....	16	50	Total.....	134	2,893
Total L. A. Republics.....	3,794	4,288	Gutta percha and other guttas:		
Surinam.....	566	443	Brazil.....	22	0
Other countries.....	0	216	Other L. A. Republics <sup>3</sup> .....	0	0
Total.....	4,360	4,947	Netherlands East Indies.....	0	764
			British Malaya.....	56	583
			British West Africa <sup>4</sup> .....	64	3
			Other countries.....	0	9
			Total.....	142	1,359

<sup>1</sup> Corrected to December 15, 1947.<sup>2</sup> Less than 500.<sup>3</sup> The Latin American Republics include Costa Rica, Guatemala, Honduras, Nicaragua, Panama Republic, Canal Zone, El Salvador, Mexico, Cuba, Dominican Republic, Haiti, Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, and Venezuela.<sup>4</sup> Includes 340,000 pounds from New Zealand and 15,000 pounds from Argentina.<sup>5</sup> Imports from Argentina.<sup>6</sup> British West Indies include the Bahamas, Bermuda, Barbados, Jamaica, Trinidad and Tobago, and Windward and Leeward Islands.<sup>7</sup> Arabia Peninsula States include Kuwait, Saudi Arabia, and Arabia Peninsula States, n. e. s.<sup>8</sup> Formerly reported as French Oceania.<sup>9</sup> British West Africa includes Gold Coast, Nigeria, St. Helena and Dependencies, and Gambia and Sierra Leone.<sup>10</sup> French Africa includes Algeria, Tunisia, Cameroon, French West Africa, French Equatorial Africa, Madagascar, French Morocco, and French Somaliland.<sup>11</sup> Portuguese Africa includes Madeira and Cape Verde Islands, Mozambique, Portuguese Guinea and Angola.<sup>12</sup> Bales of 478 pounds, net, prior to August 1946; subsequently, bales of 480 pounds, net.<sup>13</sup> Other vegetable fibers include coir fiber, maguey or cantala, palmyra, piassava, palm leaf fibers, pulu, raffia, ramie or China grass, sunn, and fiber, n. s. p. f.<sup>14</sup> Includes milk or latex.

Office of Foreign Agricultural Relations.

Compiled from official records, Bureau of the Census and of the United States Tariff Commission.



## CHAPTER IX

### FARM RESOURCES, INCOME, AND EXPENSES

The statistical tables in this chapter have been arranged by groups as follows:

Farm property, beginning with table 605.

Population and employment, beginning with table 623.

Farm production and distribution, beginning with table 640.

Prices and income, beginning with table 663.

Costs and expenses, beginning with table 679.

Credit and loan programs, beginning with table 711.

These statistics deal with farms, farm people, and the financial aspects of farming. Many of the series are estimates developed in research activities. Other series are primarily records of operations, such as certain data from agricultural credit agencies.

Tables new this year include: Level-of-living indices, mortgaged farms, farm fire losses, farm family expenditures, per capita farm family expenditures, farm loans guaranteed by the Veterans Administration, a new crop-insurance table, and several tables on use of tractors on farms.

TABLE 605.—*Land utilization in the United States, census years 1880-1945*<sup>1</sup>

Major land uses <sup>2</sup>	1880	1890	1900	1910	1920	1925	1930	1935	1940	1945
	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>	<i>Mil. acres</i>
<b>LAND IN FARMS</b>										
Total land in farms.....	536	623	839	879	956	924	987	1,055	1,061	1,142
Cropland <sup>3</sup> .....	188	248	319	347	402	391	413	416	399	403
Cropland harvested.....			295	322	362	345	359	296	321	353
Crop failure, cropland idle or fallow.....			24	25	40	47	54	120	78	50
Pasture in farms.....	122	144	276	284	328	331	379	410	461	529
Plowable pasture.....			90	95	105	114	109	99	111	109
Not plowable.....			186	189	223	217	270	311	350	420
Forest and woodland in farms.....	190	190	191	191	168	144	150	185	157	166
Pastured forest and woodland.....			87	98	77	77	95	108	100	95
Not pastured.....			104	93	91	67	65	77	57	71
Farmsteads, roads, wasteland, and other land in farms.....	36	41	53	57	58	38	45	44	44	44
<b>LAND NOT IN FARMS</b>										
Total land not in farms.....	1,369	1,282	1,066	1,026	949	981	918	850	844	763
Pasture and grazing land <sup>4</sup> .....	883	818	625	600	502	495	437	411	382	292
Forest land used chiefly for producing commercial timber <sup>5</sup> .....	368	344	318	301	319	354	349	306	325	322
Other land outside farms (cities, roads, railroads, unused wasteland, etc.) <sup>6</sup> .....	118	120	123	125	128	132	132	133	137	149
Grand total land area <sup>7</sup> .....	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905

<sup>1</sup> Compiled from census reports, publications and records of B.A.E., and public land administering and conservation agencies.

<sup>2</sup> Total farm land and total nonfarm land acreages are for the calendar year indicated. Cropland and pasture land acreage usually relate to the preceding year.

<sup>3</sup> Land used chiefly for crops, including cropland harvested, crop failure, fallow and idle cropland. To find land available for crops, add plowable pasture to cropland.

<sup>4</sup> Pasture and grazing land not in farms consists of land used chiefly for pasture and includes open or non-forested pastures, and idle grassland in first decades, and arid woodland (pinon-juniper, chaparral), and shrub and brush pasture in all years.

<sup>5</sup> Forest land outside of farms used chiefly for commercial timber excludes forested areas included in parks, wildlife refuges, military areas, and recreation sites, and arid woodland and brushland used chiefly for pasture.

<sup>6</sup> Other land outside farms includes urban, industrial, and residential areas outside farms, parks, wildlife refuges, military lands, roads, railroads, ungrazed desert, rock, swamp, and other unused and wasteland.

<sup>7</sup> Complete remeasurement of the land area of the United States in connection with the 1940 Census indicated an approximate total land area of 1,905 million acres. Total areas for earlier census years, originally reported as 1,903 million acres, have been revised here.

Bureau of Agricultural Economics.

TABLE 606.—*Farms: Number, acreage of land in farms, cropland harvested, and value of farm land and buildings, United States, census years 1850-1945*

Year	Farms	Land in farms	Farm land as percent of total land area	Cropland harvested, preceding year <sup>1</sup>	Value of farm land and buildings
	<i>Number</i>	<i>1,000 acres</i>	<i>Percent</i>	<i>1,000 acres</i>	<i>Million dollars</i>
1850.....	1,449,073	233,561	15.6	-----	3,272
1860.....	2,044,077	407,213	21.4	-----	6,645
1870.....	2,659,985	407,735	21.4	-----	7,444
1880.....	4,008,907	536,082	28.2	166,187	10,197
1890.....	4,564,641	623,219	32.7	219,706	13,279
1900.....	5,737,372	838,592	44.1	283,218	16,615
1910.....	6,361,502	878,798	46.2	311,293	34,801
1920.....	6,448,343	955,884	50.2	348,604	66,316
1925.....	6,371,640	924,139	48.6	344,549	49,468
1930.....	6,288,648	980,771	51.8	359,242	47,880
1935.....	6,812,350	1,054,515	55.4	295,624	32,859
1940.....	6,096,799	1,060,852	55.7	321,242	33,642
1945.....	5,859,169	1,141,615	59.9	352,866	46,389

<sup>1</sup> Prior to 1924, this column shows the total acreage of crops for which figures are available, except for 1919, when 14,502,932 acres of corn cut for forage were excluded (most of this was probably duplicated in the acreage of corn harvested as grain). Beginning with 1924, the figures represent the total cropland harvested.

Bureau of Agricultural Economics. Compiled from reports of Census of Agriculture, Bureau of the Census.

TABLE 607.—*Farm real estate: Estimated value of farm land and buildings, by geographic divisions, 1929-48*<sup>1</sup>

Year	New England	Mid-Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1929.....	934	2,838	9,599	15,339	3,882	2,698	5,578	2,373	4,728	47,880
1930 <sup>2</sup> .....	941	2,818	9,337	15,159	3,852	2,685	5,806	2,458	4,824	47,880
1931.....	960	2,654	8,453	13,546	3,504	2,466	5,233	2,444	4,732	45,913
1932.....	918	2,497	7,149	11,370	2,958	2,057	4,280	2,029	3,978	37,236
1933.....	862	2,148	6,054	8,943	2,470	1,691	3,618	1,698	3,241	30,724
1934.....	878	2,124	6,361	9,298	2,650	1,787	3,886	1,728	3,221	31,933
1935 <sup>2</sup> .....	901	2,141	6,597	9,385	2,792	1,915	4,030	1,772	3,325	32,859
1936.....	872	2,168	6,921	9,693	2,919	1,990	4,143	1,824	3,380	33,910
1937.....	848	2,146	7,320	9,733	3,107	2,107	4,184	1,854	3,456	34,757
1938.....	807	2,128	7,368	9,546	3,164	2,228	4,296	1,820	3,390	34,747
1939.....	768	2,067	7,284	9,141	3,143	2,264	4,193	1,794	3,277	33,931
1940 <sup>2</sup> .....	741	2,039	7,334	8,796	3,160	2,325	4,232	1,780	3,237	33,642
1941.....	752	2,008	7,296	8,665	3,159	2,306	4,229	1,819	3,263	33,497
1942.....	773	2,036	7,927	9,066	3,251	2,417	4,479	1,940	3,441	35,331
1943.....	799	2,175	8,355	9,862	3,448	2,588	4,751	2,122	3,755	37,855
1944.....	875	2,236	9,375	11,233	3,820	2,819	5,276	2,448	4,450	42,532
1945 <sup>2</sup> .....	939	2,389	9,959	12,115	4,239	3,094	5,816	2,756	5,083	46,389
1946.....	1,012	2,569	11,265	13,472	4,833	3,653	6,471	3,086	5,753	52,114
1947.....	1,104	2,913	12,740	15,102	5,534	4,233	7,188	3,418	6,372	58,604
1948.....	1,151	3,047	13,535	17,042	5,687	4,411	7,977	3,712	6,249	62,811

<sup>1</sup> Rounded totals of unrounded State figures.

<sup>2</sup> Census of Agriculture reports.

Bureau of Agricultural Economics. Values in intercensal years derived from index of land values per acre and adjusted for changes of acreage of land in farms.



TABLE 608.—Farms: Number, acreage of land in farms, and value of farm land and buildings, 1940 and 1945, and cropland harvested, 1939 and 1944, by States

State and division	Farms		Land in farms <sup>1</sup>		Cropland harvested <sup>1</sup>		Value of farm land and buildings <sup>1</sup>	
	1940	1945	1940	1945	1939	1944	1940	1945
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Million dollars</i>	<i>Million dollars</i>
Maine.....	38,980	42,184	4,223	4,613	1,147	1,316	124	160
New Hampshire.....	16,554	18,786	1,809	2,017	372	436	62	80
Vermont.....	23,582	26,490	3,667	3,931	1,023	1,160	111	135
Massachusetts.....	31,897	37,007	1,938	2,078	456	581	212	265
Rhode Island.....	3,014	3,603	222	265	49	62	26	36
Connecticut.....	21,163	22,241	1,512	1,593	363	433	205	263
New England.....	135,190	150,311	13,371	14,497	3,408	3,987	741	939
New York.....	153,238	149,490	17,170	17,568	6,581	6,922	947	1,088
New Jersey.....	25,835	26,226	1,874	1,818	779	916	228	293
Pennsylvania.....	169,027	171,761	14,594	15,020	6,097	6,604	864	1,009
Middle Atlantic.....	348,100	347,477	33,639	34,406	13,457	14,441	2,039	2,389
Ohio.....	233,783	220,575	21,908	21,928	9,772	10,837	1,444	1,868
Indiana.....	184,549	175,970	19,801	20,027	9,711	10,912	1,251	1,794
Illinois.....	213,439	204,239	31,033	31,602	18,270	20,302	2,537	3,663
Michigan.....	187,589	175,268	18,038	18,392	7,863	8,521	913	1,199
Wisconsin.....	186,735	177,745	22,876	23,619	9,816	10,545	1,189	1,434
East North Central.....	1,006,095	953,797	113,655	115,564	55,431	61,117	7,334	9,959
Minnesota.....	197,351	188,952	32,607	33,140	18,807	18,559	1,443	1,834
Iowa.....	213,318	208,934	34,149	34,454	20,077	21,562	2,691	3,611
Missouri.....	256,100	242,934	34,740	35,278	12,400	12,902	1,107	1,527
North Dakota.....	73,962	69,520	37,936	41,001	15,537	20,817	4,970	708
South Dakota.....	72,454	68,705	39,474	43,032	12,297	16,525	505	764
Nebraska.....	121,062	111,756	47,344	47,753	17,305	19,596	1,138	1,609
Kansas.....	156,327	141,192	48,174	48,589	17,816	22,817	1,421	1,971
West North Central.....	1,090,574	1,031,993	274,423	283,248	114,239	132,778	8,796	12,115
Delaware.....	8,994	9,296	896	923	378	416	55	73
Maryland.....	42,110	41,275	4,198	4,200	1,609	1,745	274	355
District of Columbia.....	65	40	2	2	1	1	6	5
Virginia.....	174,885	173,051	16,445	16,358	3,840	3,933	675	869
West Virginia.....	99,282	97,600	8,909	8,720	1,565	1,490	270	341
North Carolina.....	278,276	287,412	18,845	18,618	6,125	6,126	737	1,003
South Carolina.....	137,558	147,745	11,239	11,022	4,322	4,149	338	441
Georgia.....	216,033	225,897	23,684	23,676	8,803	7,824	480	654
Florida.....	62,248	61,159	8,339	13,084	1,680	1,809	324	498
South Atlantic.....	1,019,451	1,043,475	92,555	96,601	28,323	27,494	3,160	4,239
Kentucky.....	252,894	238,501	20,294	19,725	5,272	5,322	776	1,016
Tennessee.....	247,617	234,431	18,493	17,789	6,159	5,844	664	871
Alabama.....	231,746	223,369	19,143	19,068	7,112	6,163	409	560
Mississippi.....	291,092	263,528	19,156	19,617	6,953	6,473	475	648
East South Central.....	1,023,349	959,829	77,086	76,198	25,495	23,802	2,325	3,094
Arkansas.....	216,674	198,769	18,045	17,456	6,610	5,995	457	663
Louisiana.....	150,007	129,295	9,996	10,040	4,052	3,490	354	472
Oklahoma.....	179,687	164,790	34,803	36,162	12,766	14,088	831	1,106
Texas.....	418,002	384,977	137,683	141,338	26,044	27,469	2,590	3,575
West South Central.....	964,370	877,831	200,527	204,995	49,472	51,043	4,232	5,816
Montana.....	41,823	37,747	46,452	58,787	5,748	7,439	350	518
Idaho.....	43,663	41,498	10,298	12,503	2,935	3,442	339	493
Wyoming.....	15,018	13,076	28,026	33,117	1,535	1,843	159	232
Colorado.....	51,436	47,618	31,527	36,218	4,770	6,035	388	565
New Mexico.....	34,105	29,695	38,860	49,608	1,573	1,957	188	327
Arizona.....	18,468	13,142	25,651	37,856	526	652	154	288
Utah.....	25,411	26,322	7,302	10,309	966	1,248	154	262
Nevada.....	3,573	3,429	3,785	6,178	436	487	48	72
Mountain.....	233,497	212,527	191,901	244,577	18,488	23,103	1,780	2,756
Washington.....	81,686	79,887	15,182	16,720	3,570	4,290	593	900
Oregon.....	61,829	63,125	17,988	19,754	2,824	3,276	477	698
California.....	132,658	138,917	30,524	35,054	6,535	7,536	2,166	3,485
Pacific.....	276,173	281,929	63,694	71,529	12,929	15,102	3,237	5,083
United States <sup>1</sup> .....	6,096,799	5,859,169	1,060,852	1,141,615	321,242	352,866	33,642	46,389

<sup>1</sup> Division and United States figures are rounded totals of unrounded State figures.

Bureau of Agricultural Economics. Compiled from reports of Census of Agriculture, Bureau of the Census.

TABLE 609.—*Farm real estate: Index numbers of estimated value per acre, by States, Mar. 1, selected years, 1915-48*<sup>1</sup>

[1912-14=100]

State and division	1915	1920	1925	1930	1933	1935	1940	1943	1944	1945	1946	1947	1948
Maine.....	96	142	124	124	94	94	95	99	112	119	125	134	138
New Hampshire.....	101	129	111	111	92	90	94	100	107	117	122	136	142
Vermont.....	104	150	125	123	101	101	101	110	119	129	144	166	171
Massachusetts.....	98	140	132	131	112	111	113	115	125	133	141	145	154
Rhode Island.....	102	130	128	134	118	118	120	127	139	144	159	174	183
Connecticut.....	100	137	137	140	124	123	124	134	144	150	166	186	193
New England.....	99	140	127	127	105	104	106	112	122	130	140	152	159
New York.....	100	133	111	103	82	84	86	97	101	109	120	138	142
New Jersey.....	100	130	124	125	110	111	116	136	141	151	164	185	186
Pennsylvania.....	100	140	114	107	78	82	90	104	111	123	130	143	154
Middle Atlantic.....	100	136	114	106	82	85	90	103	109	119	128	144	151
Ohio.....	107	159	110	90	59	66	77	97	111	121	140	158	166
Indiana.....	102	161	102	80	53	61	74	98	112	124	145	158	172
Illinois.....	102	160	115	91	54	61	75	91	105	112	124	141	150
Michigan.....	105	154	133	121	80	83	91	115	134	145	167	194	195
Wisconsin.....	104	171	130	117	80	82	84	92	102	110	120	135	148
East North Central.....	104	161	116	96	62	68	78	96	110	119	134	152	161
Minnesota.....	107	213	159	133	79	83	86	100	110	115	129	143	157
Iowa.....	112	213	136	113	58	67	74	87	101	107	121	134	150
Missouri.....	102	167	112	92	55	58	59	74	82	91	102	113	116
North Dakota.....	103	145	109	95	66	67	52	58	70	76	83	92	110
South Dakota.....	101	181	115	93	55	54	41	47	57	62	68	77	91
Nebraska.....	101	179	123	113	69	72	58	64	77	86	96	108	126
Kansas.....	103	151	115	113	70	73	71	84	96	111	120	140	163
West North Central.....	105	184	126	109	64	68	65	76	88	96	106	119	135
Delaware.....	100	139	112	111	80	82	89	108	111	123	137	160	163
Maryland.....	104	166	131	123	90	91	100	124	136	147	165	196	210
Virginia.....	97	189	154	134	88	97	112	131	146	171	200	224	226
West Virginia.....	101	154	120	105	74	78	85	99	105	106	121	137	149
North Carolina.....	102	223	187	158	86	111	138	161	193	224	268	310	324
South Carolina.....	94	230	138	104	57	76	89	112	136	162	172	196	208
Georgia.....	94	217	116	100	57	72	82	103	120	132	146	173	180
Florida.....	97	178	172	172	121	126	133	150	161	185	204	226	210
South Atlantic.....	98	198	148	128	80	93	107	127	145	166	189	217	223
Kentucky.....	100	200	140	127	80	87	113	147	165	189	221	264	264
Tennessee.....	100	200	137	123	79	91	108	139	160	177	213	243	258
Alabama.....	98	177	154	143	88	110	122	139	160	180	208	247	252
Mississippi.....	97	218	136	122	73	90	106	133	145	165	196	216	238
East South Central.....	99	199	141	128	79	93	112	141	159	179	212	246	256
Arkansas.....	95	222	160	141	80	88	95	123	141	167	180	214	235
Louisiana.....	95	198	141	132	89	103	121	145	154	162	175	205	202
Oklahoma.....	95	166	131	127	76	86	93	111	120	131	156	169	185
Texas.....	103	174	146	138	83	91	99	109	124	137	150	165	187
West South Central.....	100	177	144	136	82	91	99	112	125	139	154	170	190
Montana.....	100	126	75	72	48	50	55	69	80	89	102	117	129
Idaho.....	96	172	123	116	76	80	86	106	124	140	153	160	168
Wyoming.....	103	176	100	98	62	62	68	88	102	115	132	147	168
Colorado.....	93	141	92	83	54	53	61	78	93	108	125	141	157
New Mexico.....	100	144	108	110	75	76	84	101	117	132	151	168	181
Arizona.....	97	165	121	123	90	91	95	110	127	145	158	176	181
Utah.....	98	167	130	126	83	84	89	100	112	121	127	136	146
Nevada.....	102	135	102	99	65	65	70	78	87	92	100	107	114
Mountain.....	98	151	105	102	69	70	76	92	107	120	134	149	161
Washington.....	100	140	113	110	74	76	84	101	120	133	153	170	174
Oregon.....	99	130	110	107	72	74	84	99	117	130	143	152	156
California.....	111	167	164	160	109	115	121	141	168	193	219	244	234
Pacific.....	107	156	146	142	96	101	108	126	150	171	194	215	210
United States.....	103	170	127	115	73	79	84	99	114	126	142	159	170

<sup>1</sup> All farm lands and improvements.  
Bureau of Agricultural Economics.

TABLE 610.—Number of farms changing ownership by various methods, per 1,000 of all farms, by geographic divisions, 12 months ended Mar. 15, 1939-48

Method of sale and year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand
<b>Voluntary sales and trades:<sup>1</sup></b>										
1939	22.3	27.6	27.4	27.8	27.0	36.5	31.4	31.6	35.9	29.7
1940	21.8	26.1	30.2	32.2	25.8	32.8	31.9	30.4	35.1	30.2
1941	24.5	30.8	35.5	37.5	28.8	33.5	36.7	33.7	38.3	34.1
1942	25.4	36.8	42.7	50.8	33.1	42.0	43.7	32.7	48.4	41.7
1943	29.5	38.0	46.7	54.8	34.1	51.4	45.2	44.0	53.5	45.8
1944	38.6	46.5	56.0	63.4	43.8	59.9	59.3	57.7	66.9	55.9
1945	33.7	45.6	50.4	55.8	43.4	57.7	52.9	52.6	60.7	51.5
1946	36.6	54.3	57.4	60.5	47.4	65.0	57.5	61.5	68.6	57.4
1947	47.6	55.8	55.5	61.7	46.6	62.4	60.7	60.7	70.3	57.7
1948	36.7	47.9	49.3	55.9	39.4	49.6	47.8	56.2	55.8	49.0
<b>Delinquent taxes:</b>										
1939	3.1	4.2	2.2	4.3	3.3	3.7	2.7	7.8	3.3	3.5
1940	3.0	3.8	2.0	4.7	2.8	2.5	3.0	7.0	3.9	3.3
1941	3.7	3.6	1.8	5.0	2.8	1.9	3.9	7.6	2.8	3.4
1942	3.7	3.0	1.8	3.9	2.2	2.9	4.3	6.4	2.7	3.1
1943	3.8	2.4	.9	3.0	1.6	1.5	2.9	5.9	2.1	2.2
1944	3.2	1.4	.9	2.4	1.7	1.1	2.5	4.1	1.3	1.8
1945	2.2	1.2	.7	1.2	1.2	.6	1.1	1.7	1.0	1.1
1946	1.5	.6	.5	.8	.7	.5	1.3	1.1	.5	.8
1947	1.7	.8	.7	.8	.6	.3	1.2	.8	.4	.7
1948	.4	.6	.3	.4	.4	.7	.8	.7	.4	.5
<b>Foreclosure of mortgages, bankruptcy, etc.:</b>										
1939	9.6	9.3	11.3	23.1	10.1	9.1	12.8	16.4	14.2	13.5
1940	9.7	9.4	11.1	22.0	9.2	8.6	11.0	13.3	13.4	12.6
1941	8.3	10.3	9.5	16.8	8.7	8.6	7.1	12.4	11.1	10.5
1942	6.9	5.5	5.6	10.1	5.1	4.4	4.0	8.1	6.5	6.2
1943	6.0	4.3	4.1	7.4	2.9	3.1	2.9	4.8	4.9	4.4
1944	3.3	2.0	3.5	5.0	2.2	2.4	1.8	3.0	3.5	3.1
1945	2.0	1.6	1.9	2.9	1.5	1.7	1.5	1.7	1.8	1.9
1946	1.5	1.6	1.4	1.4	1.2	1.6	1.8	1.7	1.2	1.5
1947	1.9	1.3	1.0	1.1	.9	1.4	1.1	1.4	.7	1.1
1948	1.7	.9	.9	.7	1.1	1.1	1.0	.9	1.0	1.0
<b>Inheritance and gift:</b>										
1939	8.5	6.9	7.1	8.1	10.1	8.0	6.1	4.4	4.9	7.6
1940	8.2	7.0	6.9	7.1	10.2	6.1	5.8	4.5	4.9	7.2
1941	8.1	7.0	5.7	5.6	8.6	5.4	5.4	4.6	4.5	6.1
1942	7.5	6.4	5.2	4.4	7.9	5.5	5.9	4.0	4.2	5.7
1943	7.3	5.9	4.9	4.7	7.1	4.8	4.7	3.7	4.7	5.3
1944	7.4	5.7	5.2	4.1	7.1	4.6	5.4	3.9	3.9	5.2
1945	6.7	5.2	4.5	4.7	6.0	4.8	4.8	3.3	4.5	4.9
1946	5.8	5.1	4.1	4.2	5.7	4.1	4.5	3.5	4.3	4.5
1947	5.4	4.1	4.5	4.8	6.2	5.0	4.1	4.8	4.4	4.9
1948	6.3	3.6	4.8	4.3	6.0	5.0	5.0	4.2	3.8	4.8
<b>Administrators' and executors' sales:<sup>2</sup></b>										
1939	5.7	8.3	10.3	8.6	8.3	8.9	5.0	5.0	5.7	8.0
1940	5.8	8.7	10.6	8.5	8.9	8.6	5.5	5.1	5.4	8.2
1941	5.7	7.6	11.5	8.6	8.6	8.4	5.0	5.4	4.8	8.1
1942	5.9	9.0	10.2	8.7	8.7	7.7	5.2	5.7	5.7	8.0
1943	5.1	7.9	11.0	9.5	7.8	8.0	5.3	5.5	5.3	8.1
1944	5.7	9.8	12.2	10.9	9.0	8.0	6.3	6.4	5.9	9.2
1945	6.4	9.7	10.7	10.7	9.7	6.9	6.8	6.9	7.7	9.0
1946	7.5	10.1	11.3	11.1	8.7	6.5	8.0	6.9	7.9	9.2
1947	8.6	10.3	11.7	12.7	8.9	8.4	7.8	7.6	6.8	9.9
1948	7.1	7.8	11.1	11.7	10.3	6.0	8.7	7.1	4.5	9.2
<b>Total, all classes:<sup>3</sup></b>										
1939	50.8	57.9	59.4	73.3	60.1	67.8	60.0	66.8	66.3	63.8
1940	49.9	56.2	61.9	76.1	58.1	60.5	59.0	62.0	65.0	63.0
1941	51.5	60.6	65.4	75.0	59.0	59.1	59.9	65.1	63.4	63.7
1942	50.9	62.0	66.7	79.3	58.0	63.9	65.2	58.7	69.7	66.1
1943	53.2	59.7	68.5	81.1	54.4	70.1	61.7	65.5	72.3	67.0
1944	59.8	66.3	78.5	86.5	64.7	76.8	76.5	76.5	82.8	76.1
1945	52.1	64.7	69.8	76.4	62.8	72.8	68.9	67.7	77.4	69.7
1946	54.1	73.8	76.4	79.5	65.2	78.9	7.7	76.8	85.1	75.0
1947	63.4	73.7	74.9	82.6	64.5	79.0	77.3	77.8	83.1	75.9
1948	53.6	62.5	67.7	73.9	59.3	63.4	64.5	70.8	67.4	65.9

<sup>1</sup> Including contracts to purchase, but not options.<sup>2</sup> Includes all other sales in settlement of estates.<sup>3</sup> Including miscellaneous and unclassified.

Bureau of Agricultural Economics.

TABLE 611.—Value of selected items of farm property, United States, Jan. 1, 1929-48

Year	Land and buildings	Machinery and equipment for production <sup>1</sup>	Crops held for sale	Livestock <sup>2</sup>	Total
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1929	47,880	2,731	1,224	6,633	58,468
1930	47,880	2,850	1,093	6,555	58,378
1931	43,993	2,759	734	4,889	52,375
1932	37,236	2,496	578	3,573	43,883
1933	30,724	2,079	475	3,000	36,278
1934	31,933	1,810	686	3,189	37,618
1935	32,859	1,792	588	3,499	38,738
1936	33,910	1,907	660	5,215	41,692
1937	34,757	2,128	728	5,095	42,708
1938	34,747	2,469	795	5,064	43,075
1939	33,931	2,627	655	5,125	42,338
1940	33,642	2,627	712	5,133	42,114
1941	33,497	2,758	768	5,326	42,349
1942	35,331	3,237	1,120	7,073	46,761
1943	37,855	4,144	1,681	9,643	53,323
1944	42,532	4,921	1,995	9,684	59,082
1945	46,389	5,771	2,323	9,001	63,484
1946	52,114	5,813	2,303	9,775	70,005
1947	58,604	6,328	2,607	11,978	79,517
1948 <sup>3</sup>	62,813	8,338	3,141	13,451	87,743

<sup>1</sup> Tractors, trucks, a portion of automobiles charged to farm production, other machinery, harness, and saddlery.

<sup>2</sup> All cattle, hogs, all sheep, horses, mules, chickens, and turkeys.

<sup>3</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 612.—Livestock: Numbers and farm value, United States, Jan. 1, average 1937-46, annual 1947 and 1948

Class of livestock	Number			Farm value					
				Per head			Total		
	Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>	Average 1937-46	1947	1948 <sup>1</sup>
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Cattle	74,801	81,207	78,564	52.90	97.40	116.00	4,069,263	7,907,198	9,150,013
Milk cows	25,973	26,098	25,165	77.00	145.00	164.00	2,026,244	3,787,080	4,126,161
Hogs	59,200	56,921	55,038	15.10	36.00	42.80	926,746	2,049,066	2,355,609
All sheep	51,039	37,818	35,332				387,236	477,296	542,321
Stock sheep	44,641	32,125	30,544	7.60	12.20	15.00	337,742	393,440	457,510
Horses	9,904	7,249	6,607	76.50	59.20	55.50	767,801	428,798	366,480
Mules	3,789	2,772	2,544	124.00	141.00	133.00	467,781	389,776	337,901
Total <sup>2</sup>							6,618,827	11,252,134	12,752,324
Chickens	474,114	474,441	462,976	.89	1.44	1.44	435,178	682,486	667,597
Turkeys	7,192	6,650	4,507	3.59	6.47	6.88	26,204	43,016	30,989
Total <sup>3</sup>							7,080,209	11,977,636	13,450,910

<sup>1</sup> Preliminary.

<sup>2</sup> Includes horses, mules, cattle, all sheep, and hogs.

<sup>3</sup> Includes horses, mules, cattle, all sheep, hogs, chickens, and turkeys.

Bureau of Agricultural Economics.

TABLE 613.—Tractors, motortrucks, and automobiles on farms, and annual purchases of tractors by farmers, 1929-48

Year	On farms, Jan. 1			Tractors purchased	Year	On farms, Jan. 1			Tractors purchased
	Tractors	Motor-trucks	Auto-mobiles			Tractors	Motor-trucks	Auto-mobiles	
1929	827	840	3,970	137	1939	1,447	1,020	4,030	161
1930	920	900	4,135	116	1940	1,545	1,047	4,144	219
1931	997	920	4,077	58	1941	1,675	1,095	4,330	297
1932	1,022	910	3,798	25	1942	1,885	1,160	4,670	218
1933	1,019	865	3,399	25	1943	2,100	1,280	4,350	85
1934	1,016	875	3,399	65	1944	2,215	1,385	4,185	215
1935	1,048	890	3,642	122	1945	2,422	1,490	4,152	200
1936	1,125	923	3,735	165	1946	2,585	1,550	4,150	257
1937	1,231	990	3,962	221	1947	2,800	1,730	4,520	417
1938	1,368	1,042	4,109	151	1948 <sup>1</sup>	3,150	1,920	4,930	-----

<sup>1</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 614.—Farm and garden tractors manufactured and shipped for use in the United States, 1929-47

Year	Manufactured					Sold for use in United States				
	Wheel type <sup>1</sup>		Track type	All farm tractors	Garden <sup>2</sup>	Wheel type		Track type	All farm tractors	Garden <sup>2</sup>
	Conventional	All-purpose				Conventional	All-purpose			
1929	195,980	-----	27,101	223,081	5,895	136,310	-----	19,000	155,310	4,732
1930	176,075	-----	20,222	196,297	6,161	113,160	-----	15,105	128,265	4,484
1931	36,109	25,831	7,089	69,029	2,675	<sup>3</sup> 50,829	<sup>3</sup> 30,266	<sup>3</sup> 10,064	<sup>3</sup> 90,959	<sup>3</sup> 2,673
1932-34 <sup>4</sup>	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1935	31,741	106,343	18,774	156,858	4,273	22,966	94,701	14,181	132,848	4,202
1936	39,068	154,879	27,299	221,246	5,939	25,004	133,440	20,792	179,236	5,737
1937	53,582	183,955	34,602	272,439	10,716	32,513	183,656	21,449	237,618	9,752
1938	41,377	131,060	16,837	189,274	9,949	14,751	128,952	11,251	154,954	8,970
1939	26,973	158,585	20,127	208,885	9,777	10,291	147,206	13,011	170,508	8,952
1940	25,163	224,271	24,762	274,196	9,350	9,832	205,869	16,177	231,878	8,816
1941 <sup>5</sup>	32,724	280,708	28,661	342,093	16,427	17,600	269,258	20,942	307,800	16,118
1942 <sup>5</sup>	21,135	150,988	29,578	201,701	13,373	12,430	149,238	23,265	184,933	12,473
1943 <sup>5</sup>	16,570	88,678	29,453	134,701	8,788	8,206	74,370	28,533	111,109	9,124
1944	<sup>5</sup> 43,228	<sup>5</sup> 205,903	<sup>5</sup> 44,860	<sup>5</sup> 293,991	<sup>5</sup> 16,999	10,356	184,144	4,357	198,857	14,516
1945	<sup>5</sup> 46,670	<sup>5</sup> 197,760	<sup>5</sup> 44,872	<sup>5</sup> 289,302	<sup>5</sup> 27,966	12,616	158,616	7,977	179,209	25,491
1946	<sup>5</sup> 37,393	<sup>5</sup> 220,881	<sup>5</sup> 25,902	<sup>5</sup> 284,176	<sup>5</sup> 118,237	10,592	185,451	7,156	203,199	106,911
1947	<sup>5</sup> 58,558	<sup>5</sup> 362,844	<sup>5</sup> 37,202	<sup>5</sup> 458,604	<sup>5</sup> 168,687	19,297	316,159	9,098	344,464	147,769

<sup>1</sup> Percent of all farm wheel tractors with rubber tires: 1935, 14 percent; 1936, 35 percent; 1937, 46 percent; 1938, 65 percent; 1939, 83 percent; 1940, 93 percent; 1941, 95 percent; 1942, 57 percent; 1943, 37 percent.

<sup>2</sup> Figures for year 1929 include motor cultivators, not reported in 1930 and thereafter; motor tractors included in 1941 and thereafter.

<sup>3</sup> Export and domestic sales combined.

<sup>4</sup> Census was not taken.

<sup>5</sup> For agricultural, industrial, and military uses.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the U. S. Department of Commerce.

TABLE 615.—Selected farm machinery: Units manufactured in the United States, 1929-47

Year	Tractor mold-board plows	Corn binders	Corn pickers (field)	Silage cutters	Grain binders	Grain threshers	Com-bines (harvester-threshers) <sup>1</sup>	Manure spreaders	Tractor cultivators <sup>2</sup>
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1929-----	122,897	15,246	8,620	8,065	65,069	13,558	36,957	61,000	34,634
1930-----	107,671	13,566	12,352	6,749	<sup>3</sup> 46,166	8,635	24,409	47,722	56,250
1931-----	26,827	( <sup>4</sup> )	3,243	3,156	<sup>3</sup> 15,356	3,954	5,907	19,707	15,631
1932-34 <sup>5</sup>									
1935-----	57,862	19,290	1,845	7,294	<sup>3</sup> 47,680	<sup>6</sup> 4,619	3,872	31,462	54,519
1936-----	116,213	19,364	4,052	12,850	<sup>3</sup> 66,970	8,622	16,983	53,361	115,957
1937-----	149,006	16,694	13,586	10,197	<sup>3</sup> 32,295	4,996	29,403	60,057	127,188
1938-----	117,960	12,765	16,722	11,743	<sup>7</sup> 47,619	8,649	48,046	27,344	90,760
1939-----	98,672	5,535	16,044	9,125	<sup>7</sup> 15,242	2,781	41,537	33,363	65,547
1940-----	171,896	9,990	11,638	8,507	( <sup>8</sup> )	2,054	46,552	<sup>9</sup> 46,075	104,345
1941-----	183,497	13,175	15,958	11,403	( <sup>8</sup> )	2,459	54,296	<sup>9</sup> 69,618	145,491
1942-----	<sup>10</sup> 132,131	( <sup>11</sup> )	13,640	8,332	<sup>7</sup> 5,171	2,146	41,722	<sup>9</sup> 56,881	141,704
1943-----	55,182	3,077	12,592	4,163	<sup>3</sup> 3,782	668	29,219	<sup>9</sup> 17,448	83,802
1944-----	121,689	9,709	25,371	8,757	<sup>3</sup> 11,317	1,858	<sup>12</sup> 44,704	<sup>9</sup> 49,522	181,554
1945-----	158,159	8,699	35,885	9,005	9,054	1,185	<sup>12</sup> 51,418	<sup>9</sup> 44,997	191,330
1946-----	162,113	7,218	34,554	9,294	( <sup>8</sup> )	2,583	<sup>12</sup> 48,811	<sup>9</sup> 44,143	151,489
1947-----	244,015	( <sup>11</sup> )	66,055	13,222	9,523	1,277	<sup>12</sup> 76,638	<sup>9</sup> 64,927	241,369

Year	One-way disk plows or tillers	Loose hay loaders	Pick-up hay balers	Peanut pickers	Power grinders and crushers	Milking machines	Power sprayers and dusters	Field cultivators	Sweep rakes
	Number	Number	Number	Number	Number	Number	Number	Number	Number
1935-----	6,980	8,813	-----	653	25,960	4,217	8,180	4,819	5,244
1936-----	9,651	22,742	-----	994	22,754	9,841	9,655	5,755	8,506
1937-----	15,027	27,256	-----	960	28,928	21,502	9,680	11,774	7,094
1938-----	13,245	17,481	-----	656	32,244	18,787	7,920	11,488	7,508
1939-----	9,408	15,350	-----	627	49,099	22,798	9,904	6,004	4,783
1940-----	14,148	20,226	1,464	885	64,831	44,374	6,845	8,138	6,497
1941-----	17,074	26,930	8,200	922	67,415	<sup>13</sup> 55,711	9,915	13,115	9,397
1942-----	11,274	19,426	8,801	2,899	53,876	<sup>13</sup> 37,287	10,363	11,313	9,812
1943-----	5,363	11,508	5,418	1,340	30,733	<sup>14</sup> 46,892	7,475	3,718	6,549
1944-----	12,945	21,065	12,126	841	61,560	<sup>14</sup> 78,421	13,875	17,618	14,599
1945-----	13,122	20,591	12,535	1,095	65,067	<sup>14</sup> 125,413	16,928	21,214	17,699
1946-----	16,731	23,053	11,072	1,849	110,059	<sup>14</sup> 149,127	27,567	22,323	40,045
1947-----	25,670	20,083	18,573	1,931	97,735	<sup>14</sup> 88,765	48,988	38,628	21,306

<sup>1</sup> Includes in 1937, 16,596 6-foot and under; in 1938, 28,216 6-foot and under; in 1939, 30,516 6-foot and under; in 1940, 41,450 6-foot and under; in 1941, 44,001 6-foot and under; in 1942, 36,701 6-foot and under; in 1943, 25,362 6-foot and under; in 1944, 33,169 6-foot and under; in 1945, 39,257 6-foot and under; in 1946 38,127 6-foot and under; in 1947 58,965 6-foot and under.

<sup>2</sup> Row cultivators tractor-drawn or mounted; beet or field cultivators not included.

<sup>3</sup> Including rice binders: 1935, 540; 1936, 951; 1937, 1,036; 1943, 466; 1944, 500.

<sup>4</sup> No data reported.

<sup>5</sup> Census was not taken.

<sup>6</sup> Including rice and alfalfa threshers in 1935 and thereafter.

<sup>7</sup> Not including rice binders.

<sup>8</sup> Figures omitted to avoid disclosure of operations of individual establishments.

<sup>9</sup> Includes in 1940, 6,140 two-wheel spreaders; in 1941, 21,032; in 1942, 17,087; in 1943, 5,729; in 1944, 12,834; in 1945, 19,982; in 1946, 26,466; in 1947, 42,516.

<sup>10</sup> Includes 37,457 tractor-mounted plows.

<sup>11</sup> Figures combined with other harvesting machinery.

<sup>12</sup> Includes 1,100 self-propelled combines in 1944, 3,287 in 1945, 3,110 in 1946, and 5,506 in 1947, not called for by the Census prior to 1944.

<sup>13</sup> Exclusively vacuum-pump units.

<sup>14</sup> Vacuum-pump units for stationary and portable milking machines.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the U. S. Department of Commerce.

TABLE 616.—Farm equipment, attachments and parts manufactured and shipped: Value by classes, (f. o. b. factory), United States, 1929-47

Year	Total manufacturers' shipments <sup>1</sup>	Total shipped for export	Shipments for use in United States							
			Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeders	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	492,992	104,801	412,214	30,450	13,400	24,811	20,536	53,655	17,311	24,825
1930	417,926	93,159	346,653	28,483	11,538	21,040	18,729	42,030	14,060	18,862
1931 <sup>2</sup>	208,575	223,427	13,778	6,362	10,886	10,726	25,289	7,738	13,760	
1932-34 <sup>3</sup>										
1935	277,089	22,292	272,254	17,127	8,221	14,663	11,396	25,461	14,708	14,630
1936	375,128	34,052	368,823	22,523	11,598	20,692	16,731	29,605	15,928	19,088
1937	485,130	58,985	458,490	28,760	14,507	25,482	20,256	50,537	17,028	17,179
1938	404,047	69,174	366,633	22,356	11,707	16,641	15,559	56,523	14,739	18,936
1939	386,549	462,702	358,095	19,123	11,604	14,951	12,586	38,085	15,102	18,763
1940	462,415	468,365	429,458	24,740	14,337	19,108	15,323	40,028	19,783	21,212
1941	638,605	474,908	596,490	31,046	19,772	27,622	21,302	59,361	33,725	23,386
1942	622,528	457,693	601,335	32,334	19,453	29,749	22,971	53,777	34,229	21,126
1943	602,290	42,059	301,582	22,247	10,305	15,664	15,552	45,637	24,383	13,922
1944	1,026,207	68,070	549,311	32,012	21,526	33,433	29,603	74,588	42,579	20,259
1945	996,557	87,582	612,595	35,373	21,376	41,655	31,711	92,270	46,459	23,731
1946	983,515	87,247	763,230	45,815	34,965	52,089	32,425	105,942	56,351	33,542
1947	1,460,280	155,607	1,109,308	70,864	50,235	68,329	46,607	174,242	86,319	35,537

  

Year	Shipments for use in United States								
	Tractor and tractor engines	Internal-combustion engines	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Hand tools	Dairy equipment	Poultry equipment	Barn and barnyard equipment
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	155,406	7,565	8,194	4,425	2,080	13,297	10,275	13,467	10,020
1930	133,055	4,774	4,515	4,490	1,223	10,447	7,124	13,280	8,381
1931 <sup>2</sup>	98,129	3,195	1,897	3,425	435	8,412	5,324	5,969	4,982
1932-34 <sup>3</sup>									
1935	123,433	9,942	5,778	2,588	699	6,990	6,054	6,792	2,741
1936	171,851	14,034	7,755	3,776	248	12,762	5,927	10,899	2,884
1937	214,192	17,838	8,288	4,788	1,573	13,703	9,262	7,810	3,822
1938	151,395	13,975	4,307	2,594	1,420	10,772	8,805	6,418	5,243
1939	158,373	16,656	5,282	3,909	1,694	11,112	9,514	11,229	3,973
1940	202,650	16,191	6,728	3,743	2,056	11,484	12,310	8,424	7,361
1941	4289,820	537,147	8,565	7,430	2,680	14,469	19,636	12,152	8,517
1942	4290,088	53,507	6,513	8,043	2,650	18,460	24,649	11,731	8,517
1943	85,512	4114,784	6,608	8,016	3,477	17,934	23,623	17,747	8,887
1944	198,412	4145,391	10,675	12,128	4,572	20,896	34,272	21,098	14,153
1945	200,166	( <sup>4</sup> )	15,433	13,696	6,120	23,239	44,828	24,611	15,165
1946	259,932	( <sup>4</sup> )	27,708	23,983	10,541	22,262	38,487	23,172	18,279
1947	430,253	( <sup>4</sup> )	33,125	31,983	14,253	( <sup>4</sup> )	28,508	18,975	20,076

<sup>1</sup> This column has been revised to exclude data for engines, domestic water systems, farm pumps and windmills, lawn mowers, electric lighting plants, wheelbarrows, irrigation equipment, horse and mule shoes, calks and nails, harness and saddlery hardware, stock tanks, barndoor track and hangers, farm gates, sawing machines, shovels, spades, post-hole diggers, etc. Includes tractors for farm and nonfarm use.

<sup>2</sup> All figures for 1931 include exports and domestic sales combined.

<sup>3</sup> Census not taken.

<sup>4</sup> For agricultural, industrial, and military use.

<sup>5</sup> 1941 and later figures for internal combustion engines are not comparable with previous years since some manufacturers reported only engines for agricultural purposes prior to 1941.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the U. S. Department of Commerce.

TABLE 617.—Tractor power: Extent of use of tractor power for breaking land, disking and harrowing land for all crops, and extent of use of manure spreaders, by States and State groups, 1939 and 1946

State and group	Percentage of land breaking done with tractor machines <sup>1</sup>		Percentage of disking done with tractor disks		Percentage of harrowing done with tractor harrows		Percentage of manure, straw, and compost hauled from barn lots, feed lots, etc., that was spread with manure spreaders	
	1939	1946	1939	1946	1939	1946	1939	1946
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Maine.....	33	60	45	67	38	63	52	66
New Hampshire.....	47	65	55	75	46	69	59	75
Vermont.....	26	56	42	61	31	60	54	65
Massachusetts.....	51	74	60	80	48	73	59	72
Rhode Island.....	60	75	65	80	40	60	66	69
Connecticut.....	50	85	57	85	42	70	70	71
New York.....	52	83	65	88	56	84	46	58
New Jersey.....	71	91	82	93	60	85	54	73
Pennsylvania.....	42	78	57	85	43	77	69	79
Delaware.....	53	72	38	75	33	56	61	73
Maryland.....	38	79	56	85	32	67	65	78
Northeast.....	46	79	60	85	46	77	57	69
Ohio.....	56	87	64	90	47	83	77	89
Indiana.....	67	92	71	93	53	87	71	82
Illinois.....	79	96	79	96	60	92	71	79
Iowa.....	80	98	73	97	62	93	89	96
Missouri.....	43	75	47	77	26	62	37	52
Corn Belt.....	69	92	69	92	52	86	73	82
Michigan.....	48	89	53	90	45	86	76	91
Wisconsin.....	54	86	54	86	35	75	76	84
Minnesota.....	71	95	64	94	48	88	78	87
Lake States.....	62	92	59	91	44	85	77	87
North Dakota.....	78	98	72	98	53	93	55	56
South Dakota.....	80	95	75	94	64	92	72	78
Nebraska.....	73	94	70	93	59	89	74	80
Kansas.....	85	98	83	98	77	96	63	68
Great Plains.....	80	96	76	96	65	93	68	73
West Virginia.....	8	24	14	27	7	18	16	18
Kentucky.....	15	43	25	52	10	31	17	25
Tennessee.....	12	43	23	55	8	33	12	17
Appalachian.....	13	41	23	51	9	31	15	21
Virginia.....	14	40	30	58	14	37	30	35
North Carolina.....	14	41	28	55	9	28	7	10
South Carolina.....	14	42	24	56	10	30	3	5
Georgia.....	7	37	16	52	7	33	3	5
Florida.....	19	45	35	63	15	40	4	6
Alabama.....	11	32	22	46	8	24	4	6
Southeast.....	12	38	23	53	9	31	11	14
Mississippi.....	10	30	20	45	7	24	3	5
Louisiana.....	15	44	21	54	11	35	5	7
Arkansas.....	9	34	15	47	9	31	6	10
Delta.....	11	35	19	48	9	29	5	7
Oklahoma.....	54	81	55	83	48	79	14	20
Texas.....	46	83	48	87	37	79	7	10
Oklahoma-Texas.....	49	82	50	86	41	79	9	13

See footnotes at end of table.



TABLE 617.—*Tractor power: Extent of use of tractor power for breaking land, disking and harrowing land for all crops, and extent of use of manure spreaders, by States and State groups, 1939 and 1946—Continued*

State and group	Percentage of land breaking done with tractor machines <sup>1</sup>		Percentage of disking done with tractor disks		Percentage of harrowing done with tractor harrows		Percentage of manure, straw, and compost hauled from barn lots, feed lots, etc., that was spread with manure spreaders	
	1939	1946	1939	1946	1939	1946	1939	1946
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Montana.....	79	96	73	94	62	90	42	54
Idaho.....	49	84	43	79	26	63	55	71
Wyoming.....	65	90	54	89	37	79	41	66
Colorado.....	68	90	65	89	47	81	61	74
New Mexico.....	56	91	50	87	37	77	19	2 40
Arizona.....	84	92	82	90	64	83	24	33
Utah.....	49	80	39	66	28	51	52	60
Nevada.....	62	75	55	80	36	63	52	60
Mountain.....	67	91	62	88	47	80	51	65
Washington.....	62	90	67	91	50	86	52	73
Oregon.....	65	92	66	91	49	87	47	67
California.....	88	98	90	98	76	97	42	65
Pacific.....	76	94	79	95	64	92	46	68
United States.....	55	82	57	85	43	77	58	66

<sup>1</sup> Includes plowing with moldboard and disk plows, listing, middle-busting, and bedding.

<sup>2</sup> Crop correspondents in these States supplied no information for this item in 1946. The figures given assume a percentage increase in use of spreaders in these States about the same as the average in States where information was reported.

Bureau of Agricultural Economics.

TABLE 618.—*Tractor power: Small-grain crops seeded with tractor-drawn drills, and acreage harvested with tractor machines, animal-drawn machines, and by hand methods, by State groups, 1939 and 1946*

State group	Percentage of drilling of seed with tractor		Percentage of acreage harvested with—					
			Tractor machines		Animal-drawn machines		Hand methods (cradles, etc.)	
	1939	1946	1939	1946	1939	1946	1939	1946
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Northeast.....	10	45	44	79	55	21	1	-----
C rn Belt.....	30	70	71	91	29	9	-----	-----
Lake States.....	23	64	56	87	44	13	-----	-----
Great Plains.....	67	92	78	97	22	3	-----	-----
Appalachian.....	4	25	29	53	59	44	12	3
Southeast.....	7	36	32	62	46	34	22	4
Delta States.....	23	38	35	54	61	45	4	1
Oklahoma-Texas.....	71	89	80	90	19	10	1	-----
Mountain.....	56	81	63	89	36	11	1	-----
Pacific.....	69	89	80	91	20	9	-----	-----
United States.....	49	79	69	90	30	10	1	( <sup>1</sup> )

<sup>1</sup> Less than 0.5 of 1 percent.

Bureau of Agricultural Economics.

TABLE 619.—Corn for grain: Harvest method, by States and State groups, 1938, 1943, and 1946

State and group	Percentage of acreage of corn for grain that was—						
	Harvested with mechanical corn picker			Husked or snapped by hand from standing stalk or from shock		Husked with husker shredder	
	1938 <sup>1</sup>	1943 <sup>2</sup>	1946	1943 <sup>2</sup>	1946	1943 <sup>2</sup>	1946
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
New England.....		3.0	13.0	97.0	86.0		1.0
New York.....	1.0	12.6	25.0	69.6	58.0	17.8	17.0
New Jersey.....	2.0	12.3	20.0	86.8	79.0	.9	1.0
Pennsylvania.....	3.0	10.4	29.0	82.7	64.0	6.9	7.0
Delaware.....	( <sup>3</sup> )	4.3	22.0	94.7	76.0	1.0	2.0
Maryland.....	( <sup>3</sup> )	5.1	20.0	91.2	77.0	3.7	3.0
Northeast.....	2.0	9.0	25.5	84.9	68.4	6.1	6.1
Ohio.....	12.0	34.5	55.0	46.0	30.0	19.5	15.0
Indiana.....	22.0	53.8	65.0	40.3	30.0	5.9	5.0
Illinois.....	43.0	64.7	75.0	33.7	24.0	1.6	1.0
Iowa.....	35.0	62.6	76.0	36.1	23.0	1.3	1.0
Missouri.....	2.0	7.0	18.0	91.3	81.0	1.7	1.0
Corn Belt.....	28.0	51.1	64.0	44.9	32.9	4.0	3.1
Michigan.....	5.0	22.4	37.0	45.4	36.0	32.2	27.0
Wisconsin.....	5.0	20.6	37.0	37.5	28.0	41.9	35.0
Minnesota.....	35.0	65.4	76.0	28.1	18.0	6.5	6.0
Lake States.....	22.0	49.3	61.4	32.9	23.3	17.8	15.3
North Dakota.....	5.0	60.8	72.0	36.8	25.0	2.4	3.0
South Dakota.....	18.0	43.6	72.0	55.8	27.5	.6	.5
Nebraska.....	4.0	21.3	45.0	78.6	54.5	.1	.5
Kansas.....	1.0	11.8	24.0	87.7	75.7	.5	.3
Great Plains.....	6.0	24.7	49.0	74.9	50.5	0.4	0.5
West Virginia.....	( <sup>3</sup> )	.4	2.0	98.3	96.0	1.3	2.0
Kentucky.....	2.0	1.5	8.0	94.3	88.5	4.2	3.5
Tennessee.....		1.0	3.0	97.8	96.0	1.2	1.0
Appalachian.....	1.0	1.2	5.3	96.2	92.4	2.6	2.3
Virginia.....	( <sup>3</sup> )	1.0	10.0	95.3	87.0	3.7	3.0
North Carolina.....	( <sup>3</sup> )	.6	4.0	96.8	94.0	2.6	2.0
South Carolina.....	( <sup>3</sup> )	.1	2.0	99.9	98.0		
Georgia.....	( <sup>3</sup> )	.1	1.0	99.9	99.0		
Florida.....			2.0	100.0	98.0		
Alabama.....		.1	1.0	99.9	99.0		
Southeast.....		0.3	2.6	98.9	96.7	0.8	0.7
Mississippi.....	( <sup>3</sup> )	.1	1.0	99.9	99.0		
Louisiana.....	( <sup>3</sup> )	.1	1.0	99.9	99.0		
Arkansas.....		.3	1.0	99.7	99.0		
Delta.....		0.2	1.0	99.8	99.0		
Oklahoma.....		2.7	6.0	97.2	94.0	0.1	
Texas.....		.7	6.0	99.3	94.0		
Oklahoma-Texas.....		1.3	6.0	98.7	94.0		
Colorado.....	4.0	11.9	28.0	87.4	71.0	0.7	1.0
Other Mountain States.....	0.5	6.7	12.0	93.3	87.0		1.0
Pacific.....		12.7	30.0	87.3	70.0	10.4	
United States.....	12.0	27.1	41.1	69.6	55.9	3.3	3.0

<sup>1</sup> From data published in the July 1939 Farm Labor report, B.A.E.<sup>2</sup> For more detailed information concerning corn harvest methods in 1943, see B.A.E. Report FM-49 on Harvesting the Corn Crop.<sup>3</sup> Less than 0.5 of 1 percent.

Bureau of Agricultural Economics.

TABLE 620.—Tractor power: Corn acreage planted by tractor planters and other methods, and use of tractors for cultivating corn, by State groups, 1939 and 1946

State group	Percentage of acreage planted with—						Percentage cultivating corn with tractor cultivators	
	Tractor planters		Animal-drawn planters		Hand methods		1939	1946
	1939	1946	1939	1946	1939	1946		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
Northeast.....	6	34	84	59	10	7	15	54
Corn Belt.....	9	44	90	56	1	3	47	82
Lake States.....	6	34	85	63	9	3	32	79
Great Plains.....	41	70	59	30	-----	-----	51	87
Appalachian.....	1	5	82	83	17	12	5	17
Southeast.....	2	13	87	81	11	6	3	10
Delta States.....	4	12	84	83	12	5	5	16
Oklahoma-Texas.....	23	60	73	38	4	2	22	65
Mountain.....	44	70	51	26	5	4	41	76
Pacific.....	21	68	48	19	31	13	26	75
United States.....	13	41	81	56	6	3	30	64

Bureau of Agricultural Economics.

TABLE 621.—Tractor power: Extent of use of tractor power for planting and cultivating 1939 and 1946 cotton crops, and percentage of 1946 crop harvested by specified methods, by State groups

State group <sup>1</sup>	Percentage of planting done with tractor		Percentage of cultivating done with tractor		Proportion of 1946 cotton crop harvested by—		
	1939	1946	1939	1946	Hand picking	Hand snapping	Machine methods <sup>2</sup>
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Southeast.....	2	13	2	11	99.4	0.6	(3)
Mid-South.....	4	16	6	18	90.9	9.1	(3)
Oklahoma-Texas.....	42	78	40	82	49.3	48.7	2.0
Mountain and Pacific.....	64	81	69	87	87.6	11.9	0.5
Total or average.....	21	43	21	45	83.9	15.7	.4

<sup>1</sup> Southeast includes Virginia, North Carolina, South Carolina, Georgia, Florida, and Alabama. Mid-South includes Mississippi, Louisiana, Arkansas, Tennessee, and Missouri. Mountain and Pacific includes New Mexico, Arizona, and California.

<sup>2</sup> Includes machine picking and machine stripping.

<sup>3</sup> Less than 0.05 of 1 percent.

Bureau of Agricultural Economics.

TABLE 622.—Demand deposits and time deposits of country banks in selected groups of States, index numbers, 1924-47<sup>1</sup>

[1924-29=100]

Year	20 leading agricultural States <sup>2</sup>			3 Lake States <sup>3</sup>			5 Corn Belt States <sup>4</sup>			8 cotton-growing States <sup>5</sup>		
	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time
1924.....	95	96	92	96	98	96	98	100	94	95	98	90
1925.....	100	102	98	100	102	100	100	102	98	103	105	99
1926.....	101	102	99	101	103	100	101	102	100	103	105	102
1927.....	100	99	100	98	98	98	100	99	100	101	100	102
1928.....	103	102	105	102	100	102	102	100	104	101	98	105
1929.....	102	99	106	102	98	104	100	96	103	96	93	102
1930.....	94	89	101	98	92	100	92	87	97	83	77	93
1931.....	81	75	90	89	81	93	79	73	86	66	60	77
1932.....	64	57	74	72	62	76	60	55	67	49	42	61
1933.....	53	49	59	50	45	52	45	44	47	46	41	55
1934.....	64	66	65	57	59	56	58	64	53	59	59	63
1935.....	( <sup>6</sup> )	( <sup>6</sup> )	69	( <sup>6</sup> )	( <sup>6</sup> )	61	( <sup>6</sup> )	( <sup>6</sup> )	60	( <sup>6</sup> )	( <sup>6</sup> )	70
1936.....	83	94	74	77	94	69	80	93	66	81	92	72
1937.....	90	102	79	86	103	78	89	103	76	88	102	75
1938.....	90	99	82	87	101	80	92	102	81	87	99	77
1939.....	94	106	84	90	109	82	99	112	85	92	106	78
1940.....	102	116	87	97	120	86	109	126	92	96	112	81
1941.....	116	138	92	105	140	89	129	154	102	110	134	84
1942.....	141	184	94	120	179	91	160	207	108	139	186	84
1943.....	201	283	100	159	268	107	224	316	122	196	283	86
1944.....	257	365	120	201	333	137	290	413	154	247	360	102
1945.....	329	462	156	254	404	181	368	516	203	328	478	136
1946.....	395	556	187	311	494	222	442	618	244	395	577	165
1947.....	410	565	204	319	480	242	461	634	267	399	570	182

  

Year	3 Delta States <sup>7</sup>			Texas-Oklahoma			4 Great Plains States <sup>8</sup>			8 Mountain States <sup>9</sup>		
	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time	Total	De-mand	Time
1924.....	91	99	80	94	95	88	96	93	98	95	96	94
1925.....	104	107	98	101	103	95	104	103	104	94	96	92
1926.....	108	107	109	96	96	92	101	100	102	97	99	93
1927.....	99	96	105	99	99	97	96	96	97	98	98	99
1928.....	97	94	103	106	106	110	102	104	100	108	106	109
1929.....	100	97	106	104	102	119	101	103	98	108	104	113
1930.....	89	82	98	90	86	114	98	99	96	98	91	109
1931.....	67	58	79	74	69	101	87	85	90	85	76	99
1932.....	49	40	62	60	54	90	68	64	73	65	55	79
1933.....	45	38	56	57	52	83	59	57	63	54	47	64
1934.....	59	55	65	70	66	90	73	80	65	62	58	67
1935.....	( <sup>6</sup> )	( <sup>6</sup> )	72	( <sup>6</sup> )	( <sup>6</sup> )	92	( <sup>6</sup> )	( <sup>6</sup> )	63	( <sup>6</sup> )	( <sup>6</sup> )	70
1936.....	81	84	76	90	88	101	88	107	65	87	98	75
1937.....	91	99	79	100	99	107	88	108	63	94	107	78
1938.....	91	97	82	102	100	115	82	99	59	92	103	78
1939.....	96	103	84	107	106	118	85	105	58	98	111	81
1940.....	100	108	88	116	116	118	90	113	60	105	121	85
1941.....	114	130	91	132	134	124	99	129	60	117	139	89
1942.....	148	186	90	161	169	114	127	176	60	141	179	90
1943.....	203	277	92	244	268	100	195	292	63	211	291	101
1944.....	258	354	112	313	347	100	251	382	74	271	376	125
1945.....	342	465	153	417	464	126	316	477	94	345	474	165
1946.....	411	558	193	489	546	141	388	593	111	419	581	197
1947.....	423	561	216	502	560	150	424	650	124	430	596	205

<sup>1</sup> Member banks of the Federal Reserve System located in places of less than 15,000 population (1940 Census.) Deposits for each State are weighted by the cash farm income of the State in the base period. Annual figures are simple averages of monthly indexes.

<sup>2</sup> Arkansas, Georgia, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Dakota, Texas, and Wisconsin.

<sup>3</sup> Michigan, Wisconsin, and Minnesota.

<sup>4</sup> Ohio, Indiana, Illinois, Missouri, and Iowa.

<sup>5</sup> North Carolina, South Carolina, Georgia, Alabama, Mississippi, Arkansas, Louisiana, and Oklahoma.

<sup>6</sup> Comparable data for demand deposits for 5 months of 1935 are unavailable.

<sup>7</sup> Mississippi, Arkansas, and Louisiana.

<sup>8</sup> North Dakota, South Dakota, Nebraska, and Kansas.

<sup>9</sup> Montana, Colorado, Arizona, Idaho, Nevada, New Mexico, Utah, and Wyoming.

Bureau of Agricultural Economics. Based on reports of the Board of Governors of the Federal Reserve System.

TABLE 623.—Total population and farm population, United States: Total number Jan. 1, 1929-48; births and deaths occurring in the farm population, and number of persons moving to and from farms, 1929-47<sup>1</sup>

Year	Total population, Jan. 1 <sup>2</sup>	Farm population							Change through change in classification of residence
		Number on Jan. 1	Change through natural increase			Change through migration			
			Total	Births	Deaths	Net farm-nonfarm migration	Arrivals from nonfarm areas <sup>3</sup>	Departures for nonfarm areas <sup>4</sup>	
Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
1929.....	121,136	30,220	426	750	324	-477	1,604	2,081	-----
1930.....	122,440	30,169	377	721	344	-325	1,740	2,065	264
1931.....	123,643	30,485	387	721	334	-79	1,683	1,762	235
1932.....	124,476	31,028	398	726	328	+325	1,544	1,219	282
1933.....	125,223	32,033	375	701	326	-482	951	1,433	19
1934.....	126,011	31,945	383	727	344	-415	783	1,198	-112
1935.....	126,865	<sup>5</sup> 31,801	375	707	332	-642	825	1,467	-157
1936.....	127,720	31,377	363	703	340	-690	719	1,409	-144
1937.....	128,475	30,906	375	705	328	-529	872	1,401	-132
1938.....	129,355	30,620	405	709	304	-420	823	1,243	-125
1939.....	130,406	30,480	410	710	300	-491	805	1,296	-130
1940.....	131,456	30,269	400	696	296	-681	690	1,371	-----
1941.....	132,658	29,968	417	702	285	-1,357	814	2,171	-----
1942.....	133,953	29,048	390	660	270	-2,779	819	3,598	-----
1943.....	135,646	26,659	355	610	255	-1,493	1,094	2,587	-----
1944.....	137,368	25,521	345	591	246	-676	917	1,593	-----
1945.....	138,923	25,190	354	604	250	+1,306	2,578	1,272	-----
1946.....	140,394	26,850	419	674	255	+231	1,783	1,502	-----
1947.....	142,696	27,550	483	750	267	-593	1,030	1,623	-----
1948.....	145,434	27,440	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Unless otherwise stated, these data are estimates based on information furnished by farm families to the Bureau of Agricultural Economics, adjusted to the census data of 1920, 1930, 1935, and 1940, and since 1944 to the level of farm population of the United States as estimated co-operatively by the Bureau of the Census and the Bureau of Agricultural Economics on the basis of enumerative surveys. Estimates of changes in the farm population from 1930 through 1941 were revised in September 1942; estimates of changes during 1942 were revised in November 1944. For years prior to 1929, see Agricultural Statistics, 1942, table 720 for all figures except those on total population, which have been slightly revised.

<sup>2</sup> Based on estimates of the Bureau of the Census.

<sup>3</sup> For 1940 and subsequent years, includes persons returning directly to farms from the armed forces.

<sup>4</sup> For 1940 and subsequent years, includes (1) inductions and enlistments of men living on farms into the armed forces, and (2) persons who have not moved but who are no longer in the farm population because agricultural operations have ceased on the place where they are living.

<sup>5</sup> Census enumeration as of Jan. 1, 1935.

Bureau of Agricultural Economics.

TABLE 624.—Farm population, by geographic divisions, Jan. 1, 1940-48; births and deaths occurring in the farm population, and number of persons moving to and from farms, 1940-47<sup>1</sup>

Division and year	Number on Jan. 1	Change through natural increase			Change through migration			Change through farm-to-farm movement
		Total	Births	Deaths	Net farm-nonfarm migration	Arrivals from nonfarm areas <sup>2</sup>	Departures from nonfarm areas <sup>3</sup>	
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
<b>New England:</b>								
1940	617	3	11	8	-2	29	31	-2
1941	616	5	12	7	-6	32	38	-1
1942	614	4	11	7	-9	57	66	-2
1943	607	7	13	6	-9	59	68	-2
1944	603	4	12	8	-1	28	29	-2
1945	604	6	13	7	+100	140	40	-1
1946	709	8	15	7	+37	76	39	-1
1947	753	2	15	13	+1	47	46	5
1948	761							
<b>Middle Atlantic:</b>								
1940	1,772	12	32	20	-30	50	80	13
1941	1,767	13	32	19	-64	52	116	3
1942	1,719	14	33	19	-141	42	183	-2
1943	1,590	14	32	18	-71	68	139	6
1944	1,539	13	32	19	-17	66	83	8
1945	1,543	12	31	19	+35	109	74	9
1946	1,599	19	37	18	-5	90	95	10
1947	1,623	26	43	17	-18	65	83	1
1948	1,632							
<b>East North Central:</b>								
1940	4,589	38	84	46	-88	127	215	30
1941	4,569	41	85	44	-207	123	330	28
1942	4,431	35	83	48	-467	117	584	27
1943	4,026	29	75	46	-233	148	381	22
1944	3,844	40	80	40	-23	181	204	25
1945	3,886	41	81	40	+70	274	204	23
1946	4,020	48	93	45	0	258	258	9
1947	4,077	61	102	41	-83	148	231	1
1948	4,056							
<b>West North Central:</b>								
1940	4,676	53	89	36	-98	94	192	10
1941	4,641	59	95	36	-195	118	313	27
1942	4,532	60	99	39	-369	110	479	11
1943	4,234	61	94	33	-222	152	374	14
1944	4,087	60	95	35	-145	128	273	14
1945	4,016	59	93	34	+97	313	216	15
1946	4,187	71	106	35	-5	264	269	5
1947	4,258	70	106	36	-123	134	257	15
1948	4,220							
<b>South Atlantic:</b>								
1940	6,025	102	166	64	-132	100	232	-11
1941	5,984	108	168	60	-253	114	367	-31
1942	5,808	99	150	51	-527	90	617	-46
1943	5,334	79	129	50	-237	142	379	-61
1944	5,115	78	127	49	-135	119	254	-47
1945	5,011	88	139	51	+427	631	204	-51
1946	5,475	104	153	49	+128	321	193	-36
1947	5,671	117	170	53	-61	160	221	-13
1948	5,714							
<b>East South Central:</b>								
1940	5,238	91	143	52	-138	83	221	-18
1941	5,173	91	143	52	-284	89	373	-10
1942	4,970	79	123	44	-493	88	581	-3
1943	4,553	74	117	43	-292	121	413	-5
1944	4,330	66	107	41	-129	119	248	-17
1945	4,250	65	106	41	+335	487	152	-29
1946	4,621	72	116	44	+94	297	203	-10
1947	4,777	86	139	53	-127	139	266	-11
1948	4,725							
<b>West South Central:</b>								
1940	5,008	78	124	46	-145	108	253	-30
1941	4,911	75	120	45	-265	132	397	-23
1942	4,693	75	116	41	-602	119	721	-8
1943	4,158	69	107	38	-379	177	556	10
1944	3,858	55	92	37	-200	123	323	10
1945	3,723	57	96	39	+215	454	239	13
1946	4,008	68	105	37	+44	308	264	8
1947	4,128	80	115	35	-150	180	330	13
1948	4,071							

See footnotes at end of table.

TABLE 624.—Farm population, by geographic divisions, Jan. 1, 1940-48; births and deaths occurring in the farm population, and number of persons moving to and from farms, 1940-47<sup>1</sup>—Continued

Division and year	Number on Jan. 1	Change through natural increase			Change through migration			Change through farm-to-farm movement
		Total	Births	Deaths	Net farm-nonfarm migration	Arrivals from nonfarm areas <sup>2</sup>	Departures for nonfarm areas <sup>3</sup>	
<b>Mountain:</b>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1940 .....	1,102	15	26	11	-28	41	69	10
1941 .....	1,099	16	26	10	-48	77	125	10
1942 .....	1,077	14	24	10	-73	100	173	12
1943 .....	1,030	13	22	9	-26	108	134	5
1944 .....	1,022	15	24	9	-26	71	97	5
1945 .....	1,016	14	24	10	-28	44	72	10
1946 .....	1,012	17	26	9	-27	57	84	9
1947 .....	1,011	23	29	6	-22	71	93	-14
1948 .....	998							
<b>Pacific:</b>								
1940 .....	1,242	8	21	13	-20	58	78	-2
1941 .....	1,228	9	21	12	-35	77	112	2
1942 .....	1,204	10	21	11	-98	96	194	11
1943 .....	1,127	9	21	12	-24	119	143	11
1944 .....	1,123	14	22	8	0	82	82	4
1945 .....	1,141	12	21	9	+55	126	71	11
1946 .....	1,219	12	23	11	+15	112	97	6
1947 .....	1,252	18	31	13	-10	86	96	3
1948 .....	1,263							

<sup>1</sup> Estimates based on the following sources: 1940 Population Census, 1945 Census of Agriculture, current population surveys of the Bureau of the Census, enumerative survey and questionnaire surveys of the Bureau of Agricultural Economics. Revised August 1947.

<sup>2</sup> Includes persons who returned directly to farms from the armed forces.

<sup>3</sup> Includes inductions and enlistments of men living on farms into the armed forces.

Bureau of Agricultural Economics.

TABLE 625.—Farm population: Annual estimates, by States, Jan. 1, 1940-45<sup>1</sup>

State and division	1940	1941	1942	1943	1944	1945
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Maine.....	175	175	174	170	170	169
New Hampshire.....	70	70	69	65	69	70
Vermont.....	105	106	106	103	101	101
Massachusetts.....	146	147	149	151	154	151
Rhode Island.....	17	16	16	16	16	16
Connecticut.....	104	102	100	102	93	97
New England.....	617	616	614	607	603	604
New York.....	724	719	698	654	635	635
New Jersey.....	142	141	139	128	121	122
Pennsylvania.....	906	907	882	808	783	786
Middle Atlantic.....	1,772	1,767	1,719	1,590	1,539	1,543
Ohio.....	1,077	1,080	1,057	950	900	905
Indiana.....	808	808	780	713	681	701
Illinois.....	968	964	935	856	805	808
Michigan.....	862	848	823	723	689	704
Wisconsin.....	874	869	836	784	769	768
East North Central.....	4,589	4,569	4,431	4,026	3,844	3,886
Minnesota.....	908	903	884	828	793	774
Iowa.....	924	921	907	862	843	842
Missouri.....	1,117	1,117	1,087	994	942	907
North Dakota.....	325	319	314	290	255	285
South Dakota.....	305	304	297	281	268	268
Nebraska.....	495	484	464	445	437	429
Kansas.....	602	593	579	534	519	511
West North Central.....	4,676	4,641	4,532	4,234	4,087	4,016
Delaware.....	46	45	45	45	42	41
Maryland.....	244	242	233	216	211	208
Virginia.....	981	964	946	881	868	857
West Virginia.....	530	525	517	475	455	456
North Carolina.....	1,650	1,622	1,579	1,455	1,410	1,391
South Carolina.....	911	924	885	790	734	723
Georgia.....	1,360	1,353	1,310	1,217	1,140	1,076
Florida.....	303	309	293	255	255	259
South Atlantic.....	6,025	5,984	5,808	5,334	5,115	5,011
Kentucky.....	1,250	1,229	1,159	1,057	1,032	1,034
Tennessee.....	1,265	1,249	1,199	1,110	1,045	1,043
Alabama.....	1,332	1,302	1,246	1,119	1,058	1,059
Mississippi.....	1,391	1,393	1,366	1,267	1,195	1,114
East South Central.....	5,238	5,173	4,970	4,553	4,330	4,250
Arkansas.....	1,102	1,067	1,049	960	843	836
Louisiana.....	846	839	798	719	671	632
Oklahoma.....	921	898	857	771	710	678
Texas.....	2,139	2,107	1,989	1,708	1,634	1,577
West South Central.....	5,008	4,911	4,693	4,158	3,858	3,723
Montana.....	174	167	157	149	147	143
Idaho.....	200	199	194	184	180	181
Wyoming.....	72	72	71	68	67	66
Colorado.....	249	253	245	214	213	211
New Mexico.....	176	178	170	163	161	158
Arizona.....	113	114	113	125	127	129
Utah.....	103	104	106	113	113	113
Nevada.....	15	12	21	14	14	15
Mountain.....	1,102	1,099	1,077	1,030	1,022	1,016
Washington.....	333	333	330	309	305	308
Oregon.....	253	251	245	237	234	236
California.....	656	644	626	581	584	597
Pacific.....	1,242	1,228	1,204	1,127	1,123	1,141
United States.....	30,269	29,988	29,048	26,659	25,521	25,190

<sup>1</sup> For sources of estimates, see footnote <sup>1</sup> on table 624.



TABLE 626.—*Estimated farm population, by age and by sex for persons 14 years of age and over, April 1940, and quarterly dates January 1944 to January 1948*<sup>1</sup>

Year and month	Total farm population <sup>2</sup>	Population not in institutions				
		All ages	Under 14 years	14 years and over		
				Both sexes	Male	Female
1940: April (Census):.....	Thousands 30,550	Thousands 30,394	Thousands 8,940	Thousands 21,454	Thousands 11,449	Thousands 10,005
1944:						
January.....	25,520	25,270	7,710	17,560	8,800	8,760
April.....	25,870	25,630	7,740	17,890	8,940	8,950
July.....	26,220	25,980	8,090	17,890	9,010	8,880
October.....	25,930	25,700	8,000	17,700	8,860	8,840
1945:						
January.....	25,190	24,960	7,730	17,230	8,540	8,690
April.....	25,620	25,390	7,920	17,470	8,660	8,810
July.....	26,260	26,040	8,380	17,660	8,780	8,880
October.....	26,160	25,970	8,230	17,740	8,910	8,830
1946:						
January.....	26,850	26,700	8,100	18,600	9,400	9,200
April.....	27,110	26,960	8,150	18,810	9,650	9,160
July.....	27,780	27,630	8,270	19,360	10,070	9,290
October.....	27,550	27,400	8,170	19,230	9,980	9,250
1947:						
January.....	27,550	27,400	8,200	19,200	10,060	9,140
April.....	28,143	27,991	8,280	19,711	10,324	9,387
July.....	28,780	28,628	8,583	20,045	10,555	9,490
October.....	28,445	28,293	8,593	19,700	10,205	9,495
1948: January.....	27,439	27,287	8,291	18,996	9,796	9,200

<sup>1</sup> Estimates relate to the civilian population. Figures for 1944 through 1948 are based on the sample survey, the Monthly Report on the Labor Force; figures for 1940 are based on the Sixteenth Decennial Census of Population.

<sup>2</sup> Includes persons in institutions on farms—a relatively small number.

Bureau of the Census and Bureau of Agricultural Economics. Series Census-BAE.

TABLE 627.—Estimated civilian population, by age and sex, urban and rural, United States, April 1940, July 1945, and April 1947<sup>1</sup>

Age and sex	United States			Urban			Rural-nonfarm			Rural-farm		
	1940	1945	1947	1940	1945	1947	1940	1945	1947	1940	1945	1947
	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>	<i>sands</i>	<i>Thou-</i>	<i>sands</i>
Total.....	130,323	126,058	142,061	73,830	73,903	83,860	26,428	26,379	30,896	30,065	25,777	27,305
Under 14 years.....	30,397	32,767	34,905	14,628	16,826	18,360	6,927	7,634	8,477	8,842	8,307	8,068
14 years and over.....	99,926	93,291	107,156	59,202	57,077	65,500	19,501	18,745	22,419	21,223	17,470	19,237
14 to 19 years.....	14,609	12,141	12,830	7,652	6,685	6,830	2,925	2,496	2,876	4,032	2,959	3,124
20 to 24 years.....	11,493	7,740	11,748	6,718	4,915	7,391	2,272	1,480	2,429	2,503	1,345	1,928
25 to 44 years.....	39,282	35,527	42,610	24,257	22,235	26,621	7,777	7,189	9,152	7,248	6,103	6,837
45 to 64 years.....	25,745	28,022	29,377	15,617	17,657	18,278	4,638	5,281	5,645	5,490	5,085	5,454
65 years and over.....	8,797	9,862	10,591	4,958	5,585	6,380	1,889	2,299	2,317	1,950	1,979	1,894
Male.....	65,200	56,955	70,128	36,009	31,864	40,492	13,354	12,032	15,395	15,837	13,059	14,241
Under 14 years.....	15,414	16,659	17,778	7,389	8,484	9,236	3,513	3,850	4,363	4,512	4,325	4,179
14 years and over.....	49,786	40,296	52,350	28,620	23,380	31,256	9,841	8,182	11,032	11,325	8,734	10,062
14 to 19 years.....	7,316	5,346	6,214	3,731	2,734	3,138	1,455	1,067	1,366	2,130	1,545	1,710
20 to 24 years.....	5,619	1,773	5,653	3,140	895	3,392	1,109	343	1,185	1,370	535	1,076
25 to 44 years.....	19,405	14,419	20,720	11,722	8,596	12,897	3,935	3,005	4,462	3,748	2,818	3,361
45 to 64 years.....	13,155	14,032	14,707	7,790	8,656	8,989	2,402	2,654	2,855	2,963	2,722	2,863
65 years and over.....	4,291	4,726	5,056	2,237	2,499	2,840	940	1,113	1,164	1,114	1,114	1,052
Female.....	65,123	69,103	71,933	37,821	42,039	43,368	13,074	14,347	15,501	14,228	12,718	13,064
Under 14 years.....	14,983	16,108	17,127	7,239	8,342	9,124	3,414	3,784	4,114	4,330	3,982	3,889
14 years and over.....	50,140	52,995	54,806	30,582	33,697	34,244	9,660	10,563	11,387	9,898	8,736	9,175
14 to 19 years.....	7,293	6,795	6,616	3,921	3,951	3,692	1,470	1,429	1,610	1,902	1,414	1,414
20 to 24 years.....	5,874	5,067	6,095	3,578	4,020	3,999	1,163	1,137	1,244	1,133	810	852
25 to 44 years.....	19,877	21,108	21,890	12,535	13,639	13,724	3,842	4,184	4,690	3,500	3,285	3,476
45 to 64 years.....	12,590	13,990	14,670	7,827	9,001	9,289	2,236	2,627	2,790	2,527	2,363	2,591
65 years and over.....	4,506	5,136	5,535	2,721	3,086	3,540	949	1,186	1,153	836	865	842

<sup>1</sup> Excludes institutional population, which is relatively small. Figures for 1940 include the small numbers then in the armed forces. Bureau of the Census Series P-S, No. 19, and P-20, Nos. 9 and 10.

TABLE 628.—Estimated population eating out of civilian food supplies, as of Jan. 1 and July 1, 1930-48

Date	Population eating out of civilian supplies	Date	Population eating out of civilian supplies	Date	Population eating out of civilian supplies
	<i>Millions</i>		<i>Millions</i>		<i>Millions</i>
July 1930.....	123.8	Jan. 1937.....	129.3	Jan. 1943.....	130.6
Jan. 1931.....	124.3	July 1937.....	129.6	July 1943.....	129.6
July 1931.....	124.8	Jan. 1938.....	130.2	Jan. 1944.....	129.5
Jan. 1932.....	125.2	July 1938.....	130.7	July 1944.....	129.2
July 1932.....	125.6	Jan. 1939.....	131.2	Jan. 1945.....	129.5
Jan. 1933.....	126.0	July 1939.....	131.7	July 1945.....	129.8
July 1933.....	126.3	Jan. 1940.....	132.3	Jan. 1946.....	135.3
Jan. 1934.....	126.8	July 1940.....	132.8	July 1946.....	139.3
July 1934.....	127.1	Jan. 1941.....	132.9	Jan. 1947.....	141.9
Jan. 1935.....	127.6	July 1941.....	132.6	July 1947.....	143.5
July 1935.....	128.0	Jan. 1942.....	133.1	Jan. 1948.....	145.0
Jan. 1936.....	128.5	July 1942.....	132.3	July 1948.....	146.2
July 1936.....	128.9				

Bureau of Agricultural Economics. Estimates compiled from several Federal agencies. The basic population estimates are from the Bureau of the Census, with adjustments for underenumeration of children under 5 years of age in decennial censuses. For January 1, 1941, and subsequent dates, estimates of the civilian population were supplied by the Bureau of the Census. For the period January 1, 1941, through January 1, 1946, an adjustment has been made to allow for members of the armed forces eating out of civilian supplies; the adjustment was originally estimated by OPA on the basis of data from several official sources.

NOTE.—Figures in this table have been revised, beginning with January 1, 1941. Data in this table are used to estimate the per capita consumption of the food commodities, as shown in numerous other tables in this book.

TABLE 629.—*Farm employment: Annual average number of persons employed, United States, 1929-47*<sup>1</sup>

Year	Total employment	Family workers <sup>2</sup>	Hired workers	Year	Total employment	Family workers <sup>2</sup>	Hired workers
	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>		<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>
1929.....	11,289	8,305	2,984	1939.....	10,740	8,145	2,595
1930.....	11,173	8,323	2,850	1940.....	10,585	8,019	2,566
1931.....	11,159	8,469	2,690	1941.....	10,361	7,829	2,532
1932.....	11,069	8,571	2,498	1942.....	10,397	7,855	2,542
1933.....	11,023	8,590	2,433	1943.....	10,263	7,857	2,406
1934.....	10,852	8,506	2,346	1944.....	10,037	7,810	2,227
1935.....	11,131	8,702	2,429	1945.....	9,844	7,726	2,118
1936.....	11,047	8,486	2,561	1946.....	10,010	7,862	2,148
1937.....	10,892	8,261	2,631	1947.....	10,157	7,930	2,227
1938.....	10,789	8,169	2,620				

<sup>1</sup> These annual averages are simple averages of 1st of month employment estimates.<sup>2</sup> Includes farm operators and members of their families doing farm work without wages.

Bureau of Agricultural Economics. For additional data see report on Farm-Wage Rates, Farm Employment, and Related Data, January 1943.

TABLE 630.—*Farm employment: Annual average number of persons employed, by geographic divisions, 1943-47*<sup>1</sup>

Geographic division and year	Total employment	Family workers <sup>2</sup>	Hired workers	Geographic division and year	Total employment	Family workers <sup>2</sup>	Hired workers
	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>		<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>
New England:				East South Central:			
1943.....	249	167	82	1943.....	1,655	1,394	261
1944.....	237	161	76	1944.....	1,609	1,378	231
1945.....	240	163	77	1945.....	1,553	1,350	203
1946.....	242	165	77	1946.....	1,588	1,384	204
1947.....	244	165	79	1947.....	1,586	1,379	207
Middle Atlantic:				West South Central:			
1943.....	619	416	203	1943.....	1,755	1,325	430
1944.....	606	412	194	1944.....	1,694	1,305	389
1945.....	610	410	200	1945.....	1,665	1,293	372
1946.....	623	411	212	1946.....	1,691	1,323	368
1947.....	623	408	215	1947.....	1,717	1,324	393
East North Central:				Mountain:			
1943.....	1,410	1,144	266	1943.....	439	297	142
1944.....	1,388	1,142	246	1944.....	426	297	129
1945.....	1,370	1,144	226	1945.....	421	293	128
1946.....	1,388	1,157	231	1946.....	426	295	131
1947.....	1,403	1,171	232	1947.....	443	304	139
West North Central:				Pacific:			
1943.....	1,608	1,322	286	1943.....	578	305	273
1944.....	1,580	1,321	259	1944.....	581	305	276
1945.....	1,548	1,319	229	1945.....	586	305	281
1946.....	1,563	1,326	237	1946.....	594	305	289
1947.....	1,618	1,365	253	1947.....	603	303	300
South Atlantic:				United States:			
1943.....	1,950	1,487	463	1943.....	10,263	7,857	2,406
1944.....	1,916	1,489	427	1944.....	10,037	7,810	2,227
1945.....	1,851	1,449	402	1945.....	9,844	7,726	2,118
1946.....	1,895	1,496	399	1946.....	10,010	7,862	2,148
1947.....	1,920	1,511	409	1947.....	10,157	7,930	2,227

<sup>1</sup> These annual averages are simple averages of 1st of month employment estimates.<sup>2</sup> Includes farm operators and members of their families doing farm work without wages.

Bureau of Agricultural Economics. For additional data, see report on Farm-Wage Rates, Farm Employment, and Related Data, January 1943.

TABLE 631.—Farm labor program conducted by State extension services, 1947

State and division	Number of communities with organized program for exchange of labor and farm equipment	Number of different farmers with whom hired workers were placed	Number of placements of farm workers <sup>1</sup>					Year-round workers <sup>2</sup>	Total seasonal and year-round placements
			Seasonal workers				Total		
			Men	Women	Youth	Total			
Maine.....	42	3,033	7,154	1,928	48,271	57,353	1,490	58,843	
New Hampshire.....	18	808	2,522	5,042	2,725	10,289	669	10,958	
Vermont.....	50	1,032	387	91	1,481	1,959	626	2,585	
Massachusetts.....	2	475	433	93	398	924	411	1,335	
Rhode Island.....	1	72	52	0	6	58	48	104	
Connecticut.....	61	1,829	9,420	473	11,953	21,846	2,836	24,682	
New England.....	174	7,249	19,968	7,627	64,834	92,429	6,078	98,507	
New York.....	89	8,083	94,160	21,764	42,916	158,840	3,724	162,564	
New Jersey.....	7	2,264	8,880	1,944	3,838	14,692	1,773	16,435	
Pennsylvania.....	57	3,391	7,415	3,348	12,994	23,757	2,304	26,061	
Middle Atlantic.....	153	13,738	110,455	27,056	59,748	197,259	7,801	205,060	
Ohio.....	423	4,521	12,597	2,378	14,773	29,748	4,274	34,022	
Indiana.....	110	3,093	5,550	1,564	7,952	15,066	1,482	16,548	
Illinois.....	286	7,011	19,096	4,635	18,123	41,854	9,323	51,177	
Michigan.....	158	32,246	96,007	16,001	32,003	144,011	3,414	147,325	
Wisconsin.....	382	5,981	21,585	5,143	13,810	40,538	5,373	46,011	
East North Central.....	1,359	52,852	154,835	29,721	86,661	271,217	23,866	295,083	
Minnesota.....	414	11,146	20,390	1,011	11,855	33,256	3,429	36,685	
Iowa.....	170	8,109	4,035	528	28,178	32,741	2,243	34,984	
Missouri.....	357	1,628	2,533	1,404	1,162	5,099	774	5,873	
North Dakota.....	265	27,691	81,299	3,790	6,354	91,443	6,140	97,583	
South Dakota.....	192	12,473	24,886	91	4,224	29,201	1,184	30,385	
Nebraska.....	238	7,878	19,107	1,404	4,601	25,112	2,991	23,103	
Kansas.....	421	15,242	26,417	764	4,000	31,181	2,103	33,284	
West North Central.....	2,057	84,167	178,667	8,992	60,374	248,033	18,864	266,897	
Delaware.....	44	450	3,830	346	108	4,284	211	4,495	
Maryland.....	28	2,277	41,303	16,774	2,424	60,501	913	61,414	
Virginia.....	62	1,513	17,195	4,931	1,066	23,632	272	23,904	
West Virginia.....	133	949	294	7	75	376	231	607	
North Carolina.....	295	6,257	90,805	48,848	28,492	168,145	3,634	171,779	
South Carolina.....	332	6,176	15,610	19,741	13,794	49,145	2,492	51,637	
Georgia.....	855	11,641	39,220	46,774	35,219	121,213	2,480	123,693	
Florida.....	33	1,293	15,505	3,973	1,311	20,789	1,420	22,209	
South Atlantic.....	1,782	30,556	223,762	141,394	82,929	448,085	11,653	459,738	
Kentucky.....	162	2,511	6,647	6,844	20,375	33,866	1,278	35,144	
Tennessee.....	676	11,815	23,892	12,186	19,302	55,380	6,844	62,224	
Alabama.....	533	5,418	7,740	4,473	5,825	18,038	2,629	20,667	
Mississippi.....	591	16,391	54,735	44,039	47,892	146,666	10,591	157,257	
East South Central.....	1,962	36,135	93,014	67,542	93,394	253,950	21,342	275,292	
Arkansas.....	555	10,216	129,966	85,027	69,772	284,765	2,915	287,680	
Louisiana.....	225	5,412	26,561	20,979	11,955	59,495	3,271	62,766	
Oklahoma.....	823	13,728	32,699	4,661	11,214	48,574	2,892	51,466	
Texas.....	756	47,905	198,996	77,602	98,772	375,570	8,339	383,709	
West South Central.....	2,359	77,261	388,222	188,269	191,713	768,204	17,417	785,621	
Montana.....	60	7,742	26,921	985	1,641	29,547	1,896	31,443	
Idaho.....	83	12,162	201,932	2,710	13,699	218,341	1,050	219,391	
Wyoming.....	43	3,680	27,413	755	1,261	29,429	4,393	33,822	
Colorado.....	182	13,057	66,048	7,493	12,205	85,746	2,941	88,687	
New Mexico.....	25	3,032	12,398	5,894	5,931	24,223	3,521	27,744	
Arizona.....	7	1,071	5,977	977	523	7,477	1,069	8,546	
Utah.....	95	6,990	39,986	4,270	21,022	65,278	1,297	66,575	
Nevada.....	25	1,058	3,894	151	176	4,221	674	4,895	
Mountain.....	520	48,792	384,569	23,235	56,458	464,262	16,841	481,103	
Washington.....	44	14,273	142,647	38,760	58,477	239,884	5,752	245,636	
Oregon.....	26	9,410	86,659	28,689	39,367	154,715	3,405	158,120	
California.....	68	24,779	569,844	72,819	21,293	663,956	20,050	684,006	
Pacific.....	138	48,462	799,150	140,268	119,137	1,058,555	29,207	1,087,762	
United States.....	10,504	399,212	2,352,642	634,104	815,248	3,801,994	153,069	3,955,063	

TABLE 632.—*Employment of foreign agricultural workers through the Labor Branch, Production and Marketing Administration, 1946 and 1947*<sup>1</sup>

Employed on—	Mexican		Jamaican		Bahamian		Barbadian	
	1946	1947	1946	1947	1946	1947	1946	1947
Jan. 1.....	<i>Number</i> 21,792	<i>Number</i> 15,029	<i>Number</i> 4,682	<i>Number</i> 4,543	<i>Number</i> 3,772	<i>Number</i> 4,364	<i>Number</i> -----	<i>Number</i> 641
Apr. 1.....	19,255	15,316	4,778	3,940	3,975	2,405	-----	460
July 1.....	37,978	31,281	11,125	4,318	4,718	4,525	2,947	398
Oct. 1.....	38,544	22,619	12,279	4,028	5,099	4,082	2,365	358
Peak employment: Week ended.....	Oct. 11	June 13	Sept. 20	May 2	Sept. 27	July 25	May 31	Jan. 3

  

Employed on—	British Honduran		Newfoundlander		Canadian		Total	
	1946	1947	1946	1947	1946	1947	1946	1947
Jan. 1.....	<i>Number</i> -----	<i>Number</i> 5	<i>Number</i> 833	<i>Number</i> 328	<i>Number</i> 17	<i>Number</i> 103	<i>Number</i> 31,096	<i>Number</i> 25,013
Apr. 1.....	20	2	729	249	10	32	28,767	22,404
July 1.....	139	3	640	202	414	23	57,961	40,750
Oct. 1.....	124	1	516	154	4,809	6,240	63,736	37,482
Peak employment: Week ended.....	Apr. 5	Jan. 3	Jan. 4	Jan. 3	Sept. 27	Sept. 26	Oct. 11	June 6

<sup>1</sup> This tabulation shows workers brought into the United States through agreements with foreign governments. It does not include workers admitted to the United States under immigration and naturalization permits. During each quarter of the year there were repatriations and a few deaths.

Production and Marketing Administration, and Bureau of Agricultural Economics.

TABLE 633.—*Farm-wage rates: Annual rates, by classes, and index numbers of average rates, United States, 1929-47*<sup>1</sup>

Year	Per month		Per day		Index numbers of composite wage rates <sup>2</sup>	Year	Per month		Per day		Index numbers of composite wage rates <sup>2</sup>
	With board	Without board	With board	Without board			With board	Without board	With board	Without board	
1929.....	<i>Dollars</i> 40.61	<i>Dollars</i> 51.22	<i>Dollars</i> 1.96	<i>Dollars</i> 2.25	180	1939.....	<i>Dollars</i> 27.39	<i>Dollars</i> 35.82	<i>Dollars</i> 1.30	<i>Dollars</i> 1.56	123
1930.....	37.59	48.10	1.76	2.08	167	1940.....	28.05	36.68	1.36	1.59	126
1931.....	28.77	38.38	1.32	1.62	130	1941.....	34.85	43.64	1.69	1.93	154
1932.....	20.85	28.88	.94	1.20	96	1942.....	46.64	55.91	2.19	2.49	201
1933.....	18.07	25.67	.85	1.11	85	1943.....	61.91	72.51	2.87	3.27	264
1934.....	20.24	28.19	.98	1.26	95	1944.....	74.00	85.70	3.46	3.93	315
1935.....	22.42	30.24	1.07	1.33	103	1945.....	82.30	95.40	3.80	4.34	350
1936.....	24.53	32.28	1.15	1.42	111	1946.....	88.90	103.00	4.15	4.74	378
1937.....	28.00	36.32	1.33	1.61	126	1947.....	96.00	111.00	4.50	5.10	408
1938.....	27.73	36.18	1.31	1.58	125						

<sup>1</sup> Weighted average of quarterly reports.

<sup>2</sup> Calendar years 1910-14=100.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1944, table 523. For additional data, see report on Farm-Wage Rates, Farm Employment, and Related Data, January 1943.

FOOTNOTES FOR TABLE 631:

<sup>1</sup> Adjusted to State annual statistical reports. Includes all sources of labor.

<sup>2</sup> Includes families placed as tenants and sharecroppers.

<sup>3</sup> Average of 1.9 placements for each of the estimated 2,100,000 individuals, consisting of 1,200,000 men, 370,000 women, and 530,000 youth.

Extension Service. Data for earlier years in Agricultural Statistics, 1946, table 592, and in the 1945 book, table 559.

TABLE 634.—Farm-wage rates: Annual averages, by geographic divisions, 1946 and 1947

Division	Per month				Per day				Index numbers of composite wage rates <sup>1</sup>	
	With board		Without board		With board		Without board			
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		
New England.....	91.90	97.00	133.00	140.00	4.86	5.10	5.92	6.50	367	392
Middle Atlantic.....	86.20	93.00	118.00	128.00	4.59	4.95	5.66	6.10	367	400
East North Central.....	82.40	90.00	110.00	120.00	4.42	4.85	5.35	5.90	340	373
West North Central.....	92.30	100.00	119.00	128.00	4.94	5.40	6.07	6.60	342	369
South Atlantic.....	49.40	52.00	67.60	73.00	2.88	3.10	3.53	3.80	338	365
East South Central.....	43.00	46.50	59.10	65.00	2.43	2.70	3.08	3.35	295	320
West South Central.....	<sup>2</sup> 62.50	69.00	<sup>2</sup> 85.30	93.00	3.42	3.70	4.03	4.35	<sup>2</sup> 343	373
Mountain.....	112.00	122.00	144.00	158.00	5.24	5.60	6.07	6.70	336	365
Pacific.....	148.00	151.00	186.00	191.00	6.72	6.90	8.19	8.30	418	426
United States.....	88.90	96.00	103.00	111.00	4.15	4.50	4.74	5.10	378	408

<sup>1</sup> Calendar years 1910-14=100.<sup>2</sup> Revised.

Bureau of Agricultural Economics. Wage rates as reported by crop reporters. For additional data, see report on Farm-Wage Rates, Farm Employment, and Related Data, January 1943.

TABLE 635.—Return per hour to all labor and total labor used per farm on common sizes of commercial family-operated farms, by type and location, averages 1930-34, 1935-39, 1940-44, annual 1946 and 1947<sup>1</sup>

Type of farm and location	Return per hour to all labor used					Total labor used per farm				
	1930-34	1935-39	1940-44	1946	1947	1930-34	1935-39	1940-44	1946	1947
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Dairy farms:										
Central New York.....	0.13	0.19	0.48	0.86	0.85	4,721	4,726	5,013	5,056	4,966
Southern Wisconsin.....	.03	.21	.57	1.06	1.19	4,732	4,730	5,246	5,253	5,211
Corn Belt farms:										
Cash grain.....	.07	.29	.82	1.60	2.34	4,550	4,192	4,074	4,023	3,853
Hog-beef fattening.....	.00	.25	.69	1.53	1.28	5,166	4,986	4,778	4,748	4,663
Hog-beef raising.....	.02	.19	.53	1.15	1.25	4,046	3,825	3,848	3,834	3,800
Hog-dairy.....	.09	.23	.46	1.10	1.03	5,084	5,053	5,455	5,307	5,317
Spring wheat farms:										
(Northern Plains)										
Wheat—corn—livestock.....	.00	.19	.70	1.48	2.13	3,930	3,486	3,920	3,710	3,623
Wheat—small grain—livestock.....	.00	.16	.67	1.58	2.23	3,811	3,316	3,643	3,480	3,840
Wheat—roughage—livestock.....	.00	.12	.61	1.47	1.74	4,237	3,405	4,088	4,202	3,974
Winter wheat farms:										
(Southern Plains)										
Wheat.....	.03	.17	1.21	3.10	4.42	3,161	2,700	2,889	2,918	2,856
Wheat—grain sorghum.....	.03	.26	1.39	2.35	4.72	3,001	2,678	3,056	3,086	3,065
Cotton farms:										
Southern Plains.....	.10	.27	.66	.88	1.50	4,117	3,678	3,934	3,083	3,285
Black Prairie.....	.13	.22	.38	.50	.71	4,696	4,181	4,118	4,183	4,241
Delta of Mississippi.....	.12	.21	.40	.58	.73	2,941	3,503	3,374	3,357	3,519

<sup>1</sup> The farm in each group for which the return to labor is shown is the average of the most common sizes of farms of the type in the general region indicated. The averages are thus not affected by the activities of operators on farms larger or smaller than the group described, nor by production, prices, and costs of other groups of commodities than those common to the types indicated. Return to labor is the sum available for all labor (family, operator, and hired) after production expenditures other than labor have been met and appropriate credit has been made for the use of capital (land, buildings, machinery, equipment, and supplies) employed in the farm business. The hours of labor worked are quite different as between types, and hours are also influenced by labor-saving machinery used.

Bureau of Agricultural Economics.

TABLE 636.—Number of different persons who worked on farms for wages, average days worked and cash wages earned by them at hired farm work, by sex of worker, 1945 and 1947

Year and sex of worker	Estimated farm wage workers <sup>1</sup>	Hired farm work in year		
		Average days per worker	Average cash wages per day worked	Average cash wages in year
	Thousands	Days	Dollars	Dollars
1945, total.....	3,212	96	3.00	287.00
Males.....	2,375	116	3.05	356.00
Females.....	837	40	2.35	94.00
1947, total.....	3,394	106	3.85	408.00
Males.....	2,587	126	3.85	485.00
Females.....	807	43	3.70	160.00

<sup>1</sup> Estimates relate to persons 14 years of age and over, in the civilian noninstitutional population at the end of the year, who did farm work for wages at some time during the year.

Allowances for groups not covered in the surveys (children under 14 years of age, imported foreign workers, and other groups) would raise the estimates of the total number of different persons who worked on farms for wages to 4,219,000 in 1945 and 4,064,000 in 1947.

Bureau of Agricultural Economics. Based on data from enumerative sample surveys made by the Bureau of the Census for the Bureau of Agricultural Economics.

TABLE 637.—Distribution of hired farm workers by type of wage rate, United States and major regions, selected weeks of 1945, 1946, and 1947

Type of wage rate	March 18-24, 1945	May 20-26, 1945	Sept. 16-22, 1945	July 14-20, 1946	Jan. 5-11, 1947	Type of wage rate	March 18-24, 1945	May 20-26, 1945	Sept. 16-22, 1945	July 14-20, 1946	Jan. 5-11, 1947
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent		Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
United States: <sup>1</sup>						South:					
Per month.....	21	16	10	10	23	Per month.....	9	6	3	4	13
Per week.....	9	8	4	5	17	Per week.....	7	5	3	3	14
Per day.....	33	44	18	41	26	Per day.....	48	66	24	64	46
Per hour.....	26	23	18	26	20	Per hour.....	21	18	8	20	19
Piece rate.....	8	4	45	9	9	Piece rate.....	13	1	56	4	4
Other <sup>2</sup> .....	3	5	5	9	5	Other <sup>2</sup> .....	2	4	6	5	4
Northeast:						West:					
Per month.....	32	28	15	12	30	Per month.....	22	19	11	13	27
Per week.....	36	33	15	20	40	Per week.....	3	3	2	2	5
Per day.....	14	9	12	11	9	Per day.....	10	12	8	14	6
Per hour.....	14	16	19	28	17	Per hour.....	61	47	43	48	29
Piece rate.....	3	12	37	23	-----	Piece rate.....	3	15	34	18	23
Other <sup>2</sup> .....	1	2	2	6	4	Other <sup>2</sup> .....	1	4	2	5	5
North Central:											
Per month.....	47	42	28	19	40						
Per week.....	7	11	6	5	20						
Per day.....	24	24	14	23	15						
Per hour.....	14	15	21	26	12						
Piece rate.....	1	1	27	7	4						
Other <sup>2</sup> .....	7	7	4	20	9						

<sup>1</sup> The number of hired farm workers was about 43 percent higher in May 1945 than in March, 98 percent higher in September, 117 percent higher in July 1946, and 36 percent lower in January 1947 than in March 1945. Of the total number of hired farm workers on each date, 45 percent were seasonal workers (working less than 150 days on the reporting farm during the calendar year) in March 1945, 62 percent in May, 80 percent in September, 77 percent in July 1946, and 41 percent in January 1947.

<sup>2</sup> Includes custom-work rates and annual rates.

Bureau of Agricultural Economics. Estimates based on data from enumerative sample surveys.

TABLE 638.—Average wage rate, hourly cash wages and hours worked during week by regular and seasonal hired farm workers paid specified types of wage rates, United States and major regions, selected weeks in 1946 and 1947 <sup>1</sup>

Area, type of wage rate, and survey week <sup>2</sup>	Regular hired farm workers <sup>3</sup>			Seasonal hired farm workers <sup>5</sup>		
	Average wage rate <sup>4</sup>	Average hourly cash wages <sup>4</sup>	Average hours worked during survey week on reporting farm	Average wage rate <sup>4</sup>	Average hourly cash wages <sup>4</sup>	Average hours worked during survey week on reporting farm
United States:	<i>Dollars</i>	<i>Dollars</i>	<i>Hours</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Hours</i>
Month with meals:						
July 14-20, 1946.....	86.10	0.28	73	78.70	0.28	66
Jan. 5-11, 1947.....	79.80	.36	56			
Week without meals:						
July 14-20, 1946.....	27.30	.46	59	29.90	.58	52
Jan. 5-11, 1947.....	29.70	.58	50			
Day without meals:						
July 14-20, 1946.....	3.60	.38	49	3.50	.37	26
Jan. 5-11, 1947.....	3.30	.41	40	3.20	.44	26
Hour without meals:						
July 14-20, 1946.....	.62	.61	53	.58	.62	37
Jan. 5-11, 1947.....	.61	.63	41	.68	.68	23
Piece rate without meals:						
July 14-20, 1946.....					.53	31
Northeast:						
Month with meals:						
July 14-20, 1946.....	68.90	.22	73	52.70	.18	68
Jan. 5-11, 1947.....	67.90	.28	60			
Week without meals:						
July 14-20, 1946.....	32.00	.52	63	24.80	.49	50
Jan. 5-11, 1947.....	33.60	.58	57			
Hour without meals:						
July 14-20, 1946.....	.69	.63	55	.62	.68	34
North Central:						
Month with meals:						
July 14-20, 1946.....	78.10	.25	76	68.50	.24	68
Jan. 5-11, 1947.....	68.10	.30	57			
Day without meals:						
July 14-20, 1946.....	4.45	.43	56	4.40	.45	32
Hour without meals:						
July 14-20, 1946.....	.70	.67	55	.61	.59	40
South:						
Day without meals:						
July 14-20, 1946.....	3.15	.33	47	3.30	.33	25
Jan. 5-11, 1947.....	2.90	.35	39	3.20	.42	26
Hour without meals:						
July 14-20, 1946.....	.43	.43	49	.42	.42	24
Jan. 5-11, 1947.....	.44	.45	38	.50	.46	22
Piece rate without meals:						
July 14-20, 1946.....					.34	16
West:						
Hour without meals:						
July 14-20, 1946.....	.82	.82	56	.74	.73	50
Jan. 5-11, 1947.....	.83	.87	45	.91	.92	28
Piece rate without meals:						
July 14-20, 1946.....					.64	42

<sup>1</sup> Averages are not shown for rates that are infrequent at a given date.

<sup>2</sup> Rates are classified as "with meals" if 2 or more regular meals per day are furnished; rates that carry only 1 meal per day are classified as "without meals."

<sup>3</sup> Workers whom the farmer reported he would employ for 150 days or more during year.

<sup>4</sup> Average hourly rates may differ slightly from their corresponding hourly cash wage equivalents for several reasons: (1) Slightly different coverage, as the equivalent wages were computed only for workers who reported on time worked; (2) weekly wages being rounded to the nearest dollar before computing equivalents; and (3) if a worker was paid at more than one rate during the week, the rate at which he worked the longest during the week was the one reported, but his cash wages included money earned at all rates.

<sup>5</sup> Workers whom the farmer reported he would employ less than 150 days during year. This group includes some workers for whom expected duration of employment was not reported. The majority of them were short-time seasonal laborers working in crews, for whom this information was not requested.

Bureau of Agricultural Economics. Estimates based on data from enumerative sample surveys. Data for March, May, and September 1945 in Agricultural Statistics 1947, table 617.



TABLE 639.—Average hourly and daily cash wages and average hours worked during survey week by regular and seasonal hired farm workers, United States and major regions, selected weeks of 1945, 1946, and 1947<sup>1</sup>

Area and survey week	Distribution of hired farm workers employed during survey week			Average hourly cash wages on reporting farm			Average daily cash wages on reporting farm			Average hours worked during survey week on reporting farm		
	Total workers	Regular workers <sup>2</sup>	Seasonal workers <sup>3</sup>	Total workers	Regular workers <sup>2</sup>	Seasonal workers <sup>3</sup>	Total workers	Regular workers <sup>2</sup>	Seasonal workers <sup>3</sup>	Total workers	Regular workers <sup>2</sup>	Seasonal workers <sup>3</sup>
	Per cent	Per cent	Per cent	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Hours	Hours	Hours
United States:												
Mar. 18-24, 1945.....	100	56	44	0.35	0.32	0.41	3.20	3.10	3.30	45	56	32
May 20-26, 1945.....	100	39	61	.37	.34	.41	3.60	3.40	3.90	45	60	35
Sept. 16-22, 1945.....	100	21	79	.48	.36	.53	4.40	3.60	4.70	41	60	36
July 14-20, 1946.....	100	23	77	.46	.40	.49	4.40	4.10	4.60	39	61	33
Jan. 5-11, 1947.....	100	59	41	.48	.47	.52	3.70	3.70	3.80	41	48	28
Northeast:												
Mar. 18-24, 1945.....	100	77	23	.34	.31	.50	3.30	3.10	4.20	57	64	38
May 20-26, 1945.....	100	67	33	.40	.34	.62	3.80	3.30	5.30	56	63	40
Sept. 16-22, 1945.....	100	33	67	.49	.34	.64	4.70	3.40	5.70	44	64	34
July 14-20, 1946.....	100	37	63	.44	.39	.51	3.80	4.00	3.70	45	65	33
Jan. 5-11, 1947.....	100	80	20	.46	.44	.58	3.80	3.80	4.00	50	55	28
North Central:												
Mar. 18-24, 1945.....	100	79	21	.28	.27	.35	2.90	2.80	3.20	58	65	32
May 20-26, 1945.....	100	67	33	.30	.28	.38	3.20	3.10	3.60	60	70	38
Sept. 16-22, 1945.....	100	40	60	.52	.31	.81	4.90	3.30	6.40	48	68	34
July 14-20, 1946.....	100	30	70	.44	.36	.52	4.60	4.00	5.20	51	70	41
Jan. 5-11, 1947.....	100	66	34	.39	.38	.45	3.10	3.10	3.20	46	54	30
South:												
Mar. 18-24, 1945.....	100	47	53	.29	.27	.32	2.60	2.50	2.70	39	48	31
May 20-26, 1945.....	100	29	71	.26	.28	.25	2.50	2.70	2.40	37	53	31
Sept. 16-22, 1945.....	100	13	87	.32	.30	.32	2.90	2.90	3.00	34	51	32
July 14-20, 1946.....	100	17	83	.35	.33	.35	3.30	3.20	3.40	29	52	25
Jan. 5-11, 1947.....	100	54	46	.44	.43	.45	3.30	3.30	3.30	36	41	29
West:												
Mar. 18-24, 1945.....	100	45	55	.62	.59	.68	4.90	5.50	4.20	44	57	32
May 20-26, 1945.....	100	30	70	.67	.59	.71	6.20	5.70	6.40	51	60	46
Sept. 16-22, 1945.....	100	18	82	.73	.60	.77	6.80	5.80	7.00	50	60	48
July 14-20, 1946.....	100	24	76	.67	.62	.69	6.40	6.00	6.60	52	61	49
Jan. 5-11, 1947.....	100	50	50	.75	.72	.88	5.70	5.50	6.10	40	49	24

<sup>1</sup> Custom workers are excluded, since the hire of machinery or equipment was included in their reported cash wages.

<sup>2</sup> Workers whom the farmer reported he would employ for 150 days or more during the year.

<sup>3</sup> Workers whom the farmer reported he would employ for less than 150 days during the year. This group includes some workers for whom expected duration of employment was not reported. The majority of them were very short-time seasonal laborers working in crews for whom this information was not requested.

Bureau of Agricultural Economics. Estimates based on data from enumerative sample surveys.



Livestock and livestock products	Unit	Average 1937-41 (Actual)	1943		1944		1945		1946		1947		1948
			Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual (revised)	Goal	Actual (prelim.)	Goal
Cattle and calves on farm (Dec. 31)	Thousands	69,473	76,200	85,334	76,842	85,573	77,306	82,434	78,788	81,207	78,500	78,564	78,047
Cattle and calves slaughtered	do.	30,400	27,785	33,700	34,086	33,000	35,306	35,000	34,500	35,000	34,500	36,088	32,000
Dressed weight	Million pounds	8,220	10,910	9,742	10,853	11,543	11,940	11,543	12,028	12,028	12,028	12,028	10,800
Beef cattle on farm (Dec. 31)	Thousands	32,863	44,077	44,724	46,341	46,341	46,341	46,341	42,739	42,739	41,229	41,229	41,229
Beef cows on farm (Dec. 31)	do.	10,948	15,021	16,456	16,319	16,319	16,319	16,319	15,641	15,641	16,047	16,047	16,047
Milk cows on farm (average for year)	do.	25,720	25,574	26,148	25,775	26,363	25,329	25,329	24,418	24,418	24,418	24,418	24,418
Milk production on farm	Million pounds	107,855	122,000	117,785	121,237	127,992	120,582	121,504	120,824	119,713	120,406	121,371	120,000
Sows to farrow:	Thousands	7,534	12,174	10,325	9,246	9,569	8,298	8,298	8,304	8,109	9,162	8,652	7,984
Spring	do.	4,802	7,565	6,898	4,882	5,814	5,426	5,426	4,953	4,713	5,389	4,908	5,553
Fall	do.	2,732	4,609	3,427	4,364	3,784	2,872	2,872	3,351	3,396	3,773	3,744	2,431
Pigs saved:	Thousands	46,801	70,200	74,223	62,982	55,753	52,189	52,189	51,651	52,392	58,000	52,802	50,000
Spring	do.	30,428	50,300	42,699	30,905	37,000	34,593	34,593	31,551	30,548	35,000	31,352	34,400
Fall	do.	16,373	19,892	31,524	32,077	18,753	17,590	17,590	20,100	21,844	23,000	21,450	15,600
Hogs slaughtered	Thousands	68,642	100,000	95,226	104,000	98,068	78,200	71,801	76,244	76,244	74,712	74,712	74,712
Dressed weight	Million pounds	8,572	13,850	13,320	13,304	10,322	10,697	10,697	2,132	2,132	2,427	2,427	2,427
Lard production	do.	1,942	3,400	2,865	3,120	3,064	49,136	42,436	45,624	37,818	35,332	35,332	35,332
All sheep and lambs on farm (Dec. 31)	Thousands	52,930	55,000	50,782	51,901	46,520	39,609	35,599	32,125	32,125	32,542	30,544	30,500
Stock sheep and lambs on farm (Dec. 31)	do.	46,698	44,270	44,270	43,165	43,165	38,763	38,763	34,718	34,718	31,241	31,241	31,241
Sheep shorn	do.	45,681	47,892	47,892	43,165	43,165	38,763	38,763	280,487	280,487	252,798	252,798	252,798
Wool production (shorn)	Thousands pounds	367,445	378,843	378,843	338,318	338,318	307,949	307,949	22,814	22,814	18,766	18,766	18,766
Sheep and lambs slaughtered	Thousands	21,874	24,100	27,073	22,000	25,355	21,500	24,639	22,814	22,814	18,766	18,766	18,766
Dressed weight	Million pounds	884	990	1,104	880	1,024	860	1,054	970	970	802	802	802
Chickens raised, farm production <sup>1</sup>	Thousands	665,430	1,001,392	892,983	832,063	745,800	914,783	679,156	745,802	679,156	677,110	745,401	690,104
Commercial broiler production	do.	118,046	285,293	208,805	264,999	213,000	345,598	275,600	275,600	275,600	283,091	283,091	283,091
Hens and pullets on farm (Jan. 1)	do.	376,566	498,959	527,012	523,587	475,000	473,830	407,993	435,000	435,000	435,000	435,000	400,000
Egg production on farm	Million dozens	3,256	4,345	4,597	4,878	4,350	4,655	4,655	4,632	4,632	4,200	4,608	4,200
Turkeys raised, farm production	Thousands	30,636	32,309	32,079	35,616	35,616	44,221	38,074	40,724	40,724	40,378	35,105	30,597

<sup>1</sup> Harvested acreage.  
<sup>2</sup> Includes acreage planted in fall of preceding year for harvesting in spring of year shown.  
<sup>3</sup> Short-time average. Estimates on grain sorghums for all purposes were discontinued in 1941 for all States except Texas and New Mexico.  
<sup>4</sup> Sugar Act of 1948 applicable.  
<sup>5</sup> Actual acreage excludes asparagus harvested for processing in California for 1937 and 1938, plus certain other States from 1939 to date; and cabbage harvested for sauerkraut for all years.  
<sup>6</sup> Excludes artichokes, cauliflower, eggplant, escarole, kale, and shallots for 1946; artichokes, escarole, and kale for 1947; and asparagus, Honey Ball melons, winter cucumbers, and all eggplant, except winter, for 1948.  
<sup>7</sup> In terms of "pack" only.  
<sup>8</sup> Excludes pimientos.  
<sup>9</sup> Marketing quotas.

<sup>10</sup> Includes marketing quotas of 78,000 and 33,000 acres respectively for fire-cured and dark air-cured, except for Virginia sun-cured type; and all non-quota types, except types 56 and 72 for which no goals have been suggested nor quotas established.  
<sup>11</sup> Actual acreages were derived by subtracting the B.A.E. estimates of wild hay for 22 States from the estimates of "all hay" for United States.  
<sup>12</sup> Includes Austrian winter peas; hairy common and Willamette vetch; crimson clover, and common ryegrass for all years, plus other kinds for which goals were set, varying by years.  
<sup>13</sup> Includes alfalfa; red, alsike, and sweet clover; and lespedeza for all years, plus other kinds for which goals were set, varying by years.  
<sup>14</sup> Does not include commercial production nor young chickens lost.  
 Production and Marketing Administration. Compiled as follows: Goal data from records of the Production and Marketing Administration; actual data from records of Bureau of Agricultural Economics. Data for 1942 in Agricultural Statistics, 1947, table 618.

TABLE 641.—Total planted acreage of principal crops, United States, 1929-47

Year	Corn, all	Oats <sup>1</sup>	Bar- ley <sup>1</sup>	Sor- ghums <sup>2</sup>	Wheat			Buck- wheat	Rice	Flax- seed <sup>1</sup>
					Win- ter <sup>3</sup>	Spring	All <sup>1</sup>			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	99,130	40,534	14,703	8,830	44,145	23,032	67,177	671	860	3,386
1930	103,915	42,608	13,581	9,447	45,248	22,311	67,559	635	966	4,481
1931	109,364	44,483	13,820	10,685	45,915	20,548	66,463	538	965	3,773
1932	113,024	45,549	14,555	12,070	43,628	22,653	66,281	476	874	2,720
1933	109,830	43,774	14,200	12,602	44,802	24,207	69,009	487	798	1,837
1934	100,563	40,467	12,024	14,612	44,836	19,228	64,064	510	812	1,609
1935	99,974	43,599	13,956	16,492	47,436	22,175	69,611	524	817	2,419
1936	101,959	41,934	12,837	13,355	49,986	23,984	73,970	417	981	2,572
1937	97,174	39,827	12,346	13,001	57,845	22,969	80,814	442	1,116	1,330
1938	94,473	39,390	12,171	15,561	56,464	22,517	78,981	466	1,076	1,032
1939	91,639	38,203	15,513	17,863	46,154	16,648	62,802	401	1,045	2,339
1940	88,692	39,315	15,689	21,208	43,536	18,284	61,820	420	1,090	3,364
1941	86,837	41,841	15,857	18,800	46,045	16,662	62,707	355	1,263	3,462
1942	88,818	43,018	19,686	16,082	38,855	14,145	53,000	403	1,490	4,698
1943	94,341	43,467	17,474	17,726	38,515	17,469	55,984	528	1,517	6,182
1944	95,475	43,804	14,337	18,458	46,821	19,369	66,190	539	1,503	2,887
1945	89,727	45,889	11,718	15,912	50,415	18,715	69,130	487	1,507	3,953
1946	89,788	46,549	11,527	14,749	52,195	19,341	71,536	416	1,586	2,641
1947 <sup>4</sup>	86,168	42,501	12,030	11,700	58,068	19,879	77,947	559	1,687	4,157

  

Year	Cotton <sup>5</sup>	Beans, dry, edible	Peas, dry, field	Pota- toes <sup>1</sup>	Sweet- pota- toes	Sugar beets <sup>1</sup>	Har- vested acreage of 36 crops <sup>6</sup>	52 crops planted or grown <sup>7</sup>
1929	44,448	1,924	250	3,068.0	647	772	76,628	363,028
1930	43,329	2,266	295	3,189.7	670	821	75,787	369,550
1931	39,110	2,145	312	3,550.1	854	760	73,767	370,589
1932	36,494	1,625	257	3,639.0	1,059	812	76,036	375,471
1933	40,248	1,895	294	3,496.4	907	1,036	72,710	373,124
1934	27,860	1,985	330	3,789.3	968	945	68,426	338,965
1935	28,063	2,087	370	3,557.7	944	809	78,667	361,889
1936	30,627	1,950	296	3,126.9	774	855	74,586	360,239
1937	34,090	1,911	276	3,118.8	770	813	75,992	363,020
1938	25,018	1,759	225	2,944.3	795	985	79,390	354,266
1939	24,683	1,876	238	2,867.4	735.0	993	81,448	342,645
1940	24,871	2,079	314	2,885.7	651.7	971	84,455	347,826
1941	23,130	2,250	379	2,749.1	730.9	796	86,498	347,655
1942	23,302	2,102	518	2,755.1	688.0	1,048	93,713	351,320
1943	21,900	2,599	825	3,354.7	869.7	619	94,148	361,534
1944	19,990	2,155	752	2,884.7	732.1	633	94,828	365,168
1945	17,562	1,656	549	2,765.7	677.3	776	94,575	356,884
1946	18,190	1,697	521	2,644.6	682.2	904	91,258	354,689
1947 <sup>4</sup>	21,500	1,839	551	2,146.6	617.5	968	93,589	357,960

<sup>1</sup> Includes acreage planted in preceding fall for harvest in the year shown.

<sup>2</sup> Grain and sweet sorghums for all uses, including sirup.

<sup>3</sup> Acreage seeded in preceding fall.

<sup>4</sup> Preliminary.

<sup>5</sup> Acreage in cultivation July 1.

<sup>6</sup> Includes harvested acreage of the following crops: Rye, hay (including tame and wild), sweet-clover seed, timothy seed, soybeans for beans, cowpeas for peas, peanuts picked and threshed, tobacco, sugarcane, broomcorn, and 21 vegetables (11 for processing:—asparagus, snap beans, lima beans, beets, cabbage, sweet corn, cucumbers, peas, pimientos, spinach, and tomatoes; 10 for market: artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloups, including Honey Dews, Honey Balls, and miscellaneous melons, carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers spinach, tomatoes, and watermelons). Alfalfa seed, red clover seed, alsike clover seed, and lespedeza seed are included in the count of crops, but the acreage is not included because mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts picked and threshed, has been deducted. The harvested instead of the planted acreage of rye is included because most of the rye acreage not harvested is planted to other crops or used for pasture. Excludes grains cut for hay because part of the acreage shown as planted to wheat, oats, and barley is included in grain hay.

<sup>7</sup> Includes crops listed separately in this table, plus those mentioned in footnote 6. (Sorghums counted as 2 crops, grain and sweet).

Bureau of Agricultural Economics.

TABLE 642.—Harvested acreage (average 1936-45) and farm value of principal crops, by States, annual 1945-47

State and division	Harvested acreage of 52 crops (excluding duplications) <sup>1</sup>				Farm value of 72 crops <sup>1</sup>		
	Average 1936-45	1945	1946	1947 <sup>2</sup>	1945	1946	1947 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,228	1,220	1,213	1,185	91,049	109,273	113,584
New Hampshire.....	395	411	404	400	12,644	13,476	15,787
Vermont.....	1,102	1,162	1,163	1,140	36,973	39,375	47,157
Massachusetts.....	444	462	458	443	44,600	59,487	57,430
Rhode Island.....	51	54	54	51	4,709	5,096	5,590
Connecticut.....	381	398	391	382	47,690	56,507	56,781
New York.....	6,531	6,394	6,466	6,067	312,760	362,444	352,351
New Jersey.....	791	844	826	810	98,422	109,470	107,079
Pennsylvania.....	6,105	6,215	6,187	5,927	308,213	346,687	383,618
North Atlantic.....	17,029	17,161	17,160	16,407	957,060	1,101,815	1,139,386
Ohio.....	10,196	10,712	10,601	10,157	511,103	585,974	644,135
Indiana.....	10,389	10,910	10,864	10,683	521,553	607,502	758,468
Illinois.....	19,282	19,629	20,226	19,939	863,973	1,237,546	1,338,907
Michigan.....	7,768	8,154	8,234	7,803	345,040	414,937	446,549
Wisconsin.....	10,233	10,674	10,350	10,335	425,895	490,106	607,147
Minnesota.....	18,900	19,315	19,010	18,795	574,174	748,065	968,695
Iowa.....	21,272	21,716	22,062	21,470	888,901	1,321,988	1,160,295
Missouri.....	12,529	12,066	12,478	12,128	327,929	522,446	523,549
North Dakota.....	17,118	21,365	20,342	21,278	451,411	496,443	753,602
South Dakota.....	13,888	16,860	16,789	17,074	361,991	453,562	529,475
Nebraska.....	19,006	20,282	19,779	19,303	527,106	683,721	735,915
Kansas.....	21,387	22,908	22,558	23,586	505,204	641,383	931,120
North Central.....	181,968	194,590	193,293	192,552	6,304,280	8,203,673	9,427,837
Delaware.....	379	397	396	399	19,627	22,917	25,376
Maryland.....	1,658	1,663	1,648	1,660	88,620	114,165	120,308
Virginia.....	3,814	3,866	3,660	3,681	254,141	298,452	300,974
West Virginia.....	1,409	1,359	1,311	1,320	59,989	65,770	72,682
North Carolina.....	6,350	6,197	6,089	6,250	643,480	807,852	788,513
South Carolina.....	4,788	4,318	4,267	4,433	269,859	361,750	334,025
Georgia.....	8,503	7,483	7,211	7,356	392,621	419,353	466,959
Florida.....	1,211	1,231	1,231	1,198	359,826	248,954	205,111
South Atlantic.....	28,111	26,514	25,814	26,338	2,068,163	2,329,213	2,313,948
Kentucky.....	5,267	5,313	5,192	5,134	359,572	422,087	461,169
Tennessee.....	6,216	5,790	5,626	5,736	300,529	378,036	411,259
Alabama.....	6,796	5,954	5,855	5,838	302,039	329,793	365,122
Mississippi.....	6,952	6,367	5,943	6,151	364,026	351,637	472,018
Arkansas.....	6,321	5,414	5,671	5,923	280,353	414,109	405,407
Louisiana.....	4,031	3,487	3,411	3,421	212,547	216,620	257,314
Oklahoma.....	12,990	12,999	13,200	13,722	265,200	358,995	472,304
Texas.....	27,291	26,597	26,937	28,696	744,556	936,850	1,450,138
South Central.....	75,864	71,922	71,926	74,620	2,828,822	3,408,127	4,294,731
Montana.....	6,635	7,741	7,965	8,346	157,474	215,910	286,163
Idaho.....	2,122	3,344	3,445	3,484	181,202	212,417	259,098
Wyoming.....	1,786	1,860	1,886	1,958	42,474	59,222	76,158
Colorado.....	5,732	6,202	6,037	6,583	227,565	244,451	370,473
New Mexico.....	1,573	1,397	1,337	1,682	44,993	68,728	86,603
Arizona.....	715	770	809	857	86,130	103,705	118,912
Utah.....	1,104	1,173	1,158	1,163	60,880	69,804	81,270
Nevada.....	446	490	489	484	13,366	17,001	16,366
Washington.....	3,782	4,160	4,177	4,220	297,521	366,865	380,049
Oregon.....	2,705	2,862	2,903	2,903	177,759	209,407	214,022
California.....	5,981	6,300	6,534	6,757	1,193,871	1,477,746	1,295,053
Western.....	33,581	36,300	36,739	38,438	2,478,235	3,045,856	3,184,167
United States.....	336,554	346,486	344,932	348,355	14,636,560	18,098,684	20,360,069

For footnotes see page 558.

TABLE 643.—Total harvested acreage of principal crops, United States, 1929-47

Year	Corn, all	Oats	Barley	Sorghums for grain	Total, 4 feed grains	Wheat	Rye	Buckwheat	Rice	Total, 4 food grains	Flaxseed	Cotton
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	97,805	38,153	13,564	3,523	153,045	63,392	3,138	629	860	68,019	3,049	43,232
1930	101,465	39,847	12,629	3,477	157,418	62,637	3,646	574	966	67,823	3,780	42,444
1931	106,866	40,193	11,181	4,443	162,683	57,704	3,159	507	965	62,335	2,431	38,704
1932	110,577	41,700	13,206	4,400	169,883	57,851	3,350	454	874	62,529	1,988	35,891
1933	105,918	36,528	9,641	4,354	156,441	49,424	2,405	460	798	53,087	1,341	29,383
1934	92,193	29,455	6,577	2,396	130,621	43,347	1,921	475	812	46,555	1,002	26,866
1935	95,974	40,109	12,436	4,597	153,116	51,305	4,066	505	817	56,693	2,126	27,509
1936	93,154	33,654	8,329	2,793	137,930	49,125	2,694	379	981	53,179	1,125	29,755
1937	93,930	35,542	9,969	4,915	144,356	64,169	3,825	421	1,099	69,514	927	33,623
1938	92,160	36,042	10,610	4,699	143,511	69,197	4,087	448	1,076	74,808	905	24,248
1939	88,279	33,460	12,739	4,760	139,238	52,669	3,822	370	1,045	57,906	2,171	23,805
1940	86,429	35,431	13,525	6,374	141,759	53,273	3,204	388	1,069	57,934	3,182	23,861
1941	85,357	38,161	14,276	6,015	143,809	55,935	3,573	337	1,214	61,059	3,266	22,236
1942	87,367	38,197	16,958	5,991	148,513	49,773	3,792	375	1,457	55,397	4,408	22,602
1943	92,060	38,914	14,900	6,889	152,763	51,355	2,652	505	1,472	55,984	5,691	21,610
1944	94,014	39,672	12,301	9,385	155,372	59,749	2,132	515	1,480	63,876	6,310	19,651
1945	88,079	41,933	10,465	6,408	146,885	65,120	1,856	409	1,494	68,879	3,785	17,059
1946	88,489	43,205	10,411	6,773	148,878	67,075	1,607	391	1,574	70,647	2,432	17,615
1947 <sup>1</sup>	83,981	38,648	10,947	5,606	139,182	74,186	2,022	518	1,677	78,403	4,026	21,269

Year	Hay, all	Sorghums for forage	Sorghums for silage	Sweet-clover seed	Timothy seed	Beans, dry, edible	Peas, dry, field	Soybeans for beans	Cowpeas for peas	Peanuts picked and threshed	Total, 5 annual legumes
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	69,531	4,609	103	292.6	437.3	1,845	192	708	586	1,262	4,593
1930	67,947	5,089	106	219.0	435.7	2,160	229	1,074	674	1,073	5,210
1931	68,160	5,392	133	253.1	608.9	1,947	241	1,141	1,139	1,440	5,908
1932	70,412	6,172	232	213.7	454.5	1,431	219	1,001	1,190	1,501	5,342
1933	68,439	6,697	377	215.5	325.5	1,729	258	1,044	1,086	1,217	5,334
1934	65,387	8,182	816	216.7	140.6	1,461	277	1,556	1,190	1,514	5,998
1935	68,550	9,072	666	243.8	1,000.8	1,865	320	2,915	1,057	1,497	7,654
1936	67,732	6,975	749	377.4	381.6	1,626	236	2,359	1,366	1,660	7,247
1937	66,001	6,036	580	309.6	591.4	1,695	227	2,586	1,472	1,538	7,518
1938	68,175	8,636	740	525.6	441.9	1,643	165	3,035	1,386	1,692	7,921
1939	69,243	9,826	904	555.8	490.2	1,679	169	4,315	1,381	1,908	9,452
1940	73,058	11,729	1,081	348.2	398.9	1,903	247	4,807	1,432	2,052	10,441
1941	73,136	10,481	1,233	349.1	375.3	2,019	291	5,889	1,483	1,900	11,582
1942	74,827	7,865	927	225.2	437.4	1,925	493	9,994	1,241	3,355	16,908
1943	77,004	8,404	913	178.0	431.0	2,362	795	10,397	852	3,528	17,934
1944	77,541	7,587	879	284.5	364.7	1,996	719	10,232	712	3,068	16,727
1945	77,017	7,504	680	239.1	362.2	1,485	518	10,661	648	3,160	16,472
1946	74,173	6,240	644	235.7	365.3	1,616	498	9,806	566	3,142	15,628
1947 <sup>1</sup>	75,291	4,861	668	210.9	406.7	1,759	520	11,125	587	3,389	17,380

See footnotes at end of table, on page 559.

#### FOOTNOTES FOR TABLE 642:

<sup>1</sup>Includes all corn, all wheat, oats, barley, rye, buckwheat, flaxseed, rice, sorghums for grain, sorghums for forage and silage, cotton, hay (including tame and wild), timothy seed, sweetclover seed, dry edible beans, soybeans for beans, cowpeas for peas, peanuts picked and threshed, dry field peas, sorgo for sirup, sugarcane, sugar beets, potatoes, sweetpotatoes, tobacco, broomcorn, artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloups (including Honey Dew melons, Honey Ball melons, and miscellaneous melons), carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, lettuce, onions, green peas, peppers, pimientos, spinach, tomatoes, and water-melons. Red clover seed, alsike clover seed, lespedeza seed, and alfalfa seed are included in the count of crops, but the acreage is not included because it is mostly duplicated in the hay acreage. Farm value also includes apples (commercial crop), peaches, pears, grapes, cherries, cranberries, oranges, grapefruit, lemons, (California), limes (Florida), plums (2 States), all prunes, apricots (3 States), figs (2 States), olives (California), almonds (California), walnuts (2 States), pecans, maple products, and hops.

<sup>2</sup>Preliminary.

<sup>3</sup>Unrevised. Differs from tables 643 and 644, which show revisions made after December 1947.

Bureau of Agricultural Economics.

TABLE 643.—Total harvested acreage of principal crops, United States, 1929-47  
—Continued

Year	Potatoes	Sweet-potatoes	21 vegetables		Tobacco	Sugar beets	Sorgo for sirup	Sugar-cane, all	Broom-corn	52 crops harvested <sup>4</sup>	52 crops planted or grown <sup>5</sup>	19 fruits and planted nuts (bearing age) <sup>6</sup>
			11 for processing <sup>2</sup>	19 for market <sup>3</sup>								
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929.....	3,030.2	647	1,181	1,343	1,980.0	688	143	314.0	310	355,295	363,028	5,122
1930.....	3,138.9	670	1,375	1,489	2,124.2	776	190	314.5	392	359,896	369,550	5,139
1931.....	3,489.5	854	1,117	1,526	1,988.1	713	313	310.4	314	355,818	370,589	5,157
1932.....	3,568.2	1,059	779	1,578	1,404.6	764	354	365.9	313	361,794	375,471	5,222
1933.....	3,422.6	907	894	1,492	1,739.4	983	360	375.8	277	330,850	373,124	5,238
1934.....	3,599.2	959	1,153	1,677	1,273.1	770	330	413.6	305	294,736	338,965	4,453
1935.....	3,468.8	944	1,454	1,646	1,439.1	763	285	427.4	501	336,050	361,889	4,372
1936.....	2,959.9	769	1,365	1,744	1,440.9	776	245	402.2	309	313,845	360,239	4,330
1937.....	3,054.9	768	1,562	1,664	1,752.8	753	210	450.2	282	338,452	363,020	4,281
1938.....	2,870.1	793	1,394	1,704	1,600.7	925	197	446.9	267	338,445	354,266	4,233
1939.....	2,812.8	728.0	1,154	1,704	1,999.7	918	189	418.9	228	321,884	342,645	4,169
1940.....	2,832.1	647.7	1,394	1,647	1,410.2	912	186	369.7	298	331,506	347,826	4,111
1941.....	2,692.6	730.9	1,664	1,618	1,306.5	755	176	398.7	250	335,310	347,655	4,086
1942.....	2,670.8	687.0	1,997	1,588	1,377.3	954	221	429.9	230	339,307	351,320	4,063
1943.....	3,239.0	856.6	1,958	1,509	1,458.0	550	207	431.9	244	347,771	361,534	4,012
1944.....	2,785.6	726.0	1,984	1,808	1,751.1	555	187	412.3	382	352,538	365,168	3,992
1945.....	2,700.2	671.2	1,943	1,820	1,822.5	713	159	423.4	279	346,486	356,884	4,005
1946.....	2,598.5	676.1	2,062	1,973	1,963.4	802	177	430.8	300	344,932	354,689	4,037
1947 <sup>1</sup> .....	2,111.9	611.4	1,884	1,766	1,845.0	881	162	433.1	226	348,475	357,960	4,079

<sup>1</sup> Preliminary.<sup>2</sup> Asparagus, snap beans, lima beans, beets, cabbage, sweet corn, cucumbers, peas, pimientos, spinach, and tomatoes.<sup>3</sup> Artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloupe (including Honey Dew melons, Honey Ball melons, and miscellaneous melons), carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, tomatoes, and watermelons grown commercially for market. Excludes farm gardens and most market gardens.<sup>4</sup> Totals are for crops shown in preceding columns. Alfalfa seed, red clover seed, alsike clover seed, and lespedeza seed are included in the count of crops, but the acreage is not included because mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts picked and threshed, has been deducted. Other crops not included are sweet corn for market, some of the less important commercial vegetables (77,100 acres in 1947), farm gardens, most market gardens, hops, spelt, hemp, velvetbeans, various legumes and other crops harvested by livestock, minor crops, and fruits and nuts. The acreages shown include some crops harvested in succession from the same land.<sup>5</sup> Preceding column plus estimates of acreages planted and not harvested because of abandonment, except that an allowance has been made for the grain harvested as hay.<sup>6</sup> Oranges (including tangerines), grapefruit, lemons, apples (all apples, 1929-33; in commercial areas only, 1934-47), peaches, pears, grapes, plums, prunes, apricots, cranberries, strawberries, figs, olives, avocados, almonds, walnuts, filberts, and pecans.

Bureau of Agricultural Economics. Data for 1909-28 (46 crops) in Agricultural Statistics, 1942, table 716. See total planted acreage in table 641.

TABLE 644.—Crops: Acreage and production (average 1936-45), and farm value, United States, annual 1946 and 1947

Crop	Acreage planted				Acreage harvested			Production				Farm value	
	Average 1936-45	1946	1947	Average 1936-45	1946	1947	Unit	Average 1936-45	1946	1947	1946	1947	
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres		Thou- sands	Thou- sands	Thou- sands	1,000 dollars	1,000 dollars	
Corn, all	92,914	89,788	86,168	88,489	83,981	83,981	Bushels	2,639,102	3,249,950	2,400,952	1,409,671	1,892,528	
Wheat, all	2 66,540	2 71,536	2 77,947	2 77,075	2 74,186	2 74,186	do	890,306	1,153,016	1,364,919	252,674	402,015	
Winter	4 47,464	4 52,195	4 58,068	48,584	48,780	48,780	do	653,893	870,725	1,067,970	1,678,905	1,821,533	
All spring	19,076	19,341	19,879	16,353	19,406	19,406	do	236,413	282,321	296,949	40,114	25,840	
Durum	2 808	2 493	2 952	2 458	2 925	2 925	do	31,847	35,836	43,983	72,172	72,172	
Other spring	16,269	16,848	16,927	16,272	16,481	16,481	do	246,566	246,485	252,966	479,739	659,760	
Oats	2 41,689	2 46,549	2 42,501	37,101	43,205	43,205	do	1,041,282	1,497,904	1,215,970	1,213,755	1,297,171	
Barley	2 14,763	2 11,527	2 12,030	12,407	10,411	10,947	do	262,360	202,258	275,182	356,657	486,638	
Rye	4 5,945	4 3,396	4 3,709	3,164	2 022	2 022	do	37,934	18,879	29,957	36,169	59,535	
Buckwheat	4 46	4 46	4 59	40	391	391	do	6,954	7,124	7,334	10,517	14,081	
Flaxseed	2 3,182	2 2,641	2 4,137	2,807	2 432	2 432	do	25,030	22,585	39,763	91,137	242,545	
Rice	1 259	1 586	1 884	1 239	1 574	1 677	do	58,220	72,216	79,345	162,726	218,523	
Popcorn	118	158	84	110	155	110	do	151,152	253,092	96,395	8,884	4,615	
Sorghums for grain	5 823	5 823	5 823	5,823	6,773	5,006	Pounds	92,124	106,941	95,609	148,753	171,107	
Sorghums for forage	869	869	869	869	869	869	Rushels	11,773	6,070	6,070	128,755	105,054	
Sorghums for silage				668	644	668	Tons	4,888	3,685	3,445			
Cotton, lint	24,517	18,190	21,500	23,845	17,015	21,269	Bales	12,390	8,640	8,640	1,409,671	1,892,528	
Cottonseed				72,373	74,173	75,291	Tons	94,400	100,739	102,500	252,674	402,015	
Hay, all	1,453	1,453	1,453	1,453	1,375	1,375	do	1,179	1,822	1,689	1,678,905	1,821,533	
Alfalfa seed	146	131	131	131	131	131	do	1,355	2,142	1,195	40,114	25,840	
Red clover seed	339	236	211	320	211	211	do	446	446	381	47,166	33,776	
Alsike clover seed	746	635	756	628	574	574	do	628	628	564	8,474	7,327	
Sweetclover seed	427	365	407	427	365	365	do	427	427	381	4,021	3,614	
Lespedeza seed	145	65	65	145	65	65	Pounds	151,164	206,900	153,960	16,673	18,250	
Timothy seed	1,839	1,697	1,839	1,839	1,697	1,697	Bushels	1,488	1,319	1,167	3,286	3,286	
Sudan grass seed	437	521	551	437	521	551	do	50,362	23,300	20,740	3,771	3,771	
Beans, dry edible	11,545	12,427	13,654	9,806	11,125	11,125	Bags <sup>a</sup>	16,312	15,859	17,164	7 156,550	7 188,786	
Soybeans for beans	4,525	4,791	5,173	3,866	3,587	3,587	do	4,870	6,758	6,513	7 30,076	7 32,003	
Peas, dry field	3,515	3,515	3,515	3,515	3,515	3,515	Bushels	117,886	201,275	181,362	516,355	595,480	
Peas, dry field	3,515	3,515	3,515	3,515	3,515	3,515	do	6,239	3,263	3,458	14,572	17,004	
Peanuts picked and threshed	2 2,945	2 2,645	2 2,147	2,862	2 1,075	2 3,389	Pounds	1,672,870	2,038,555	2,187,985	185,399	220,975	
Velvetbeans <sup>b</sup>	2 2,945	2 2,645	2 2,147	2,862	2 1,075	2 3,389	Tons	806	433	407	14,827	13,620	
Potatoes	2 2,742	2 682	2 618	2,738	676	618	Bushels	376,122	484,174	384,407	598,862	626,896	
Sweetpotatoes				1,998	1,998	1,998	do	64,200	96,424	57,178	144,496	123,871	
Tobacco				1,998	1,998	1,998	Pounds	1,548,389	2,321,594	2,107,763	1,046,442	912,079	
Sorgo sirup				283	311	321	Gallons	6,049	5,967	5,437	25,381	17,372	
Sugarcane for sugar and seed				126	120	112	Tons	20,835	20,835	20,270	39,513	39,579	
Sugarcane sirup				781	802	881	Gallons	9,617	10,562	12,504	37,871	23,783	
Sugar beets	2 849	2 904	2 968	10 9,942	10 8,000	10 8,000	Tons	9,617	10,562	12,504	118,254	148,588	
Maple sirup				277	300	277	Pounds	2,381	1,328	2,305	4,378	4,378	
Broomcorn				34	41	40	Tons	42	44	33	12,686	9,859	
Hops				34	41	40	Pounds	11 40,742	53,171	50,098	33,361	33,998	



Apples, commercial crop.....												292,757	193,044
Peaches, total.....												183,533	135,212
Pears, total.....												68,461	68,461
Grapes, total.....												296,491	122,795
Cherries (12 States).....												66,411	38,562
Apricots (3 States).....												36,026	17,428
Plums (2 States).....												14,270	12,058
Prunes, dried (3 States).....												29,777	29,777
Fruites, other than dried (3 States).....												10,493	6,959
Oranges (5 States).....												12,179,429	12,140,869
Grapefruit (4 States).....												27,814	27,814
Lemons (California).....												31,403	31,403
Cranberries (5 States).....												16,152	16,152
Pecans (12 States).....												25,949	26,780
Tung nuts (5 States).....												5,564	4,909
TRUCK CROPS:													
Artichokes.....												2,625	2,283
Asparagus, total.....												37,296	31,336
For fresh market.....												15,789	16,584
For processing.....												21,507	14,752
Beans, green lima, total.....												10,358	10,416
For fresh market.....												4,697	3,529
For processing.....												5,661	6,887
Beans, snap, total.....												66,438	49,504
For fresh market.....												43,014	32,749
For processing.....												23,424	16,755
Beets, total.....												4,338	3,015
For fresh market.....												1,711	1,574
For processing.....												2,627	1,441
Cabbage, total.....												42,694	47,080
For fresh market.....												39,156	45,896
For sauerkraut.....												3,538	1,186
Cantaloup.....												40,522	40,522
Carrots.....												34,845	40,874
Cauliflower.....												18,380	17,380
Celery.....												56,884	56,884
Corn, sweet, total.....												34,284	28,982
For fresh market.....												7,385	7,385
For processing.....												24,651	21,597
Cucumbers, total.....												31,229	31,229
For fresh market.....												16,523	13,259
For pickles.....												2,481	2,090
Eggplant.....												875	1,293
Escarole.....												70	35
Honey Dew melons.....												8,091	6,741
Kale.....												702	473
Lettuce.....												85,686	108,367
Onions.....												62,413	42,985
Peas, green, total.....												47,629	55,591
For fresh market.....												9,471	10,609
For processing.....												38,158	44,982
Pumpkins.....												4,373	4,373
Spinach.....												436.9	436.9
Toma-tos.....												522.3	522.3
Turnips.....												332.8	332.8
Winter melons.....												3,840	3,840
Zucchini.....												638	638
Other.....												11,275	11,275

See footnotes at end of table.

TABLE 644.—Crops: Acreage and production (average 1936-45), and farm value, United States, annual 1946 and 1947—Continued

Crop	Acreage planted			Acreage harvested			Unit	Production			Farm value	
	Average 1936-45	1946	1947 <sup>1</sup>	Average 1936-45	1946	1947 <sup>1</sup>		Average 1936-45	1946	1947 <sup>1</sup>	1946	1947 <sup>1</sup>
TRUCK CROPS—continued												
Peppers, green	14.1	13.8	16.6	23.2	32.8	30.6	Bushels	115,234	117,572	115,895	12,838	13,064
Pimientos for processing				13.0	13.8	10.7	Tons	16.4	23.2	18.3	1,392	1,011
Shallots				15.0	3.4	4.7	Bushels	13,602	668	443	1,269	882
Spinach, total				100.9	103.5	86.0	Bushels	114,729	113,783	112,123	14,632	13,049
For fresh market				30.3	67.5	61.9	Tons	70.5	88.4	87.5	10,869	10,909
For processing	30.8	36.0	24.1	699.0	864.8	743.0	Bushels	26,009	33,429	28,830	2,680	2,140
Tomatoes, total				221.5	294.0	233.9	Bushels	2,442.1	3,393.7	3,212.0	200,680	179,012
For fresh market				477.5	570.8	499.1	Tons	105,241	130,900	127,319	107,319	87,112
For processing	502.5	602.5	516.9	238.5	316.0	291.4	Melons	105,778	180,825	181,512	103,241	91,900
Watermelons											30,938	24,363
Total of above truck crops				3,382.8	4,108.6	3,694.2	Tons	11,455.4	15,369.0	13,449.0	826,755	815,985
Fresh market				1,741.3	2,046.5	1,844.0	do	6,933.3	11,064.9	11,797.1	577,266	606,860
Processing	1,788.1	2,196.4	1,977.3	1,641.5	2,062.1	1,850.2	do	4,522.1	6,304.1	5,470.9	249,489	209,125
Garlic				4.0	4.2	4.2	Sacks	167	204	188	2,788	1,823
Mint				42.5	55.8	61.7	Pounds of oil	1,246	2,084	2,084	10,208	13,806
Potatoes commercial early				336.6	384.5	306.7	Bushels	115,488	85,863	96,159	110,115	102,140
Strawberries				137.1	91.8	116.1	Crates	119,529	7,004	118,827	68,453	66,313
Total 52 crops <sup>16</sup>				336,554	344,932	348,475					17 18,098,084	17 20,300,069
Total 72 crops												

<sup>1</sup> Preliminary.  
<sup>2</sup> Includes acreage planted in preceding fall.  
<sup>3</sup> Value of "all wheat" differs slightly from sum of wheat by kinds because of rounding of "all wheat" price.  
<sup>4</sup> Acreage seeded in preceding fall.  
<sup>5</sup> Acreage in cultivation July 1.  
<sup>6</sup> Bags of 100 pounds (uncleaned).  
<sup>7</sup> Values apply to the production of cleaned beans or peas.  
<sup>8</sup> Acres grown alone, plus one-half the interplanted acres.  
<sup>9</sup> All purposes.  
<sup>10</sup> 1,000 trees tapped.  
<sup>11</sup> Includes some quantities not harvested. Values apply only to the harvested portion of the crop.

<sup>12</sup> Estimates of farm value apply to the entire crop, exclusive of that portion donated to charity, and/or eliminated in accordance with provisions of marketing agreements.  
<sup>13</sup> Short-time average.  
<sup>14</sup> Shelled basis.  
<sup>15</sup> New York, New Jersey, and Pennsylvania.  
<sup>16</sup> Excluding crops not harvested, minor crops, duplicated seed acreages, strawberries, and other fruits.  
<sup>17</sup> Total values do not include revisions made after December 1947, which are shown in this table.

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TABLE 645.—*Livestock and livestock products: Production and farm value, United States, average 1936-45, annual 1945-47*

Product	Production <sup>1</sup>				Farm value			
	Average 1936-45	1945	1946	1947 <sup>2</sup>	Average 1936-45	1945	1946	1947 <sup>3</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves <sup>1</sup> .....	16,692,022	19,345,320	18,781,924	19,087,130	1,536,143	2,352,916	2,735,993	3,562,961
Sheep and lambs <sup>1</sup> .....	2,047,345	1,911,766	1,763,298	1,584,342	181,008	227,319	248,240	289,842
Hogs <sup>1</sup> .....	17,762,432	19,095,526	19,041,127	18,654,437	1,858,801	2,672,024	3,321,243	4,474,190
Chickens <sup>3</sup> .....	3,203,874	4,461,105	3,553,187	3,602,842	642,879	1,203,639	1,031,966	1,014,213
Turkeys.....	508,874	762,487	720,177	629,162	123,344	256,720	261,694	228,562
Milk.....	111,785	121,504	119,713	119,366	2,532,556	3,726,320	4,569,667	4,975,839
Wool (shorn).....	360,384	307,949	280,487	252,798	118,780	129,122	118,639	106,106
Mohair.....	19,451	22,038	19,329	18,476	10,144	12,192	11,803	11,119
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>				
Eggs.....	44,739,000	55,858,000	55,590,000	55,301,000	1,009,096	1,752,137	1,737,640	2,082,206
Horses.....	<sup>4</sup> 569	<sup>4</sup> 483	<sup>4</sup> 386	<sup>4</sup> 350	45,358	30,814	22,039	19,759
Mules.....	<sup>4</sup> 91	<sup>4</sup> 125	<sup>4</sup> 108	<sup>4</sup> 93	9,505	12,937	11,306	10,076

<sup>1</sup> For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.

<sup>2</sup> Preliminary.

<sup>3</sup> Including commercial broiler production.

<sup>4</sup> Coming 4 years of age.

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TABLE 646.—Index numbers of the volume of agricultural production for sale and for consumption in the farm home, United States, 1929-48

[1935-39=100]

Year	Livestock and products <sup>1</sup>				Crops <sup>2</sup>										All commodities
	Meat animals <sup>3</sup>	Poultry and eggs <sup>4</sup>	Dairy products <sup>5</sup>	All livestock and products <sup>6</sup>	Food grains <sup>7</sup>	Feed grains and hay <sup>8</sup>	Cotton and cotton-seed	Oil-bearing crops <sup>9</sup>	Tobacco	Truck crops <sup>10</sup>	Fruits and tree nuts <sup>11</sup>	Vegetables <sup>12</sup>	Sugar crops <sup>13</sup>	All crops <sup>14</sup>	
1929.....	103	100	93	99	113	103	113	62	105	87	73	90	74	98	99
1930.....	100	106	94	99	109	83	105	68	113	91	89	90	85	96	98
1931.....	103	101	96	100	114	92	128	66	108	83	98	98	78	104	102
1932.....	101	99	97	99	92	113	98	60	70	79	82	100	88	92	96
1933.....	108	100	98	103	69	82	98	45	94	76	81	93	100	85	96
1934.....	117	96	98	106	64	41	74	57	74	88	86	101	82	72	93
1935.....	90	92	98	93	81	91	81	96	89	92	95	104	89	89	91
1936.....	103	99	99	101	79	58	95	72	80	96	81	88	94	82	94
1937.....	96	101	99	98	115	112	144	86	108	102	113	107	96	117	106
1938.....	102	101	102	102	124	115	91	103	95	104	100	102	114	105	103
1939.....	109	108	102	106	101	124	89	143	129	106	111	99	106	107	106
1940.....	118	109	105	112	110	114	95	171	101	111	110	101	104	107	110
1941.....	118	116	110	115	131	125	83	187	87	116	113	100	97	109	113
1942.....	132	131	114	126	139	129	98	300	97	129	117	104	110	121	124
1943.....	150	152	113	137	116	125	87	325	97	124	108	125	81	114	128
1944.....	155	153	115	141	148	153	94	270	135	137	123	106	81	128	136
1945.....	147	163	119	140	155	144	68	291	137	142	112	110	94	122	133
1946.....	145	153	120	137	164	172	66	277	160	158	133	128	103	135	136
1947.....	144	150	120	136	197	131	93	299	145	141	126	108	110	135	136
1948 <sup>15</sup> .....	135	148	117	131	184	188	117	356	131	142	123	122	89	149	138

<sup>1</sup> Volume of sales and home consumption during the calendar year.<sup>2</sup> Total crop production, minus quantities retained for feed or seed and quantities not harvested or lost.<sup>3</sup> Cattle and calves, hogs, sheep and lambs, and their products.<sup>4</sup> Chicken eggs, commercial broilers, chickens, and turkeys.<sup>5</sup> Farm butter, cream, wholesale milk, and retail milk.<sup>6</sup> Also includes wool and mohair.<sup>7</sup> Wheat, rye, rice and buckwheat.<sup>8</sup> Corn, oats, barley, grain sorghums, and hay.<sup>9</sup> Soybeans, peanuts, and flaxseed.<sup>10</sup> For fresh consumption (artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, tomatoes, and watermelons), and for processing (asparagus, lima beans, snap beans, beets, cabbage, sweet corn, cucumbers, peas, spinach, and tomatoes).<sup>11</sup> Apples, peaches, pears, grapes, cherries, apricots, strawberries, cranberries, oranges, grapefruit, lemons, olives, dried figs, plums, dried prunes, almonds, walnuts, and pecans.<sup>12</sup> Dry edible beans, potatoes, and sweetpotatoes.<sup>13</sup> Sugar beets, sugarcane for sugar, sugarcane sirup, sorgo sirup, and maple sugar and sirup.<sup>14</sup> Also includes cowpeas and hops.<sup>15</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1946, table 612. See companion table 647 in this book.

TABLE 647.—Index numbers of gross farm production, farm output, and production, by groups of products, United States, 1929-47<sup>1</sup>

[1935-39=100]

Year	Gross farm production <sup>2</sup>	Farm output <sup>3</sup>	Farm produced power <sup>4</sup>	Product added by livestock <sup>5</sup>		Crops and pasture									
				All livestock	Livestock, horses and mules excluded	All crops and pasture <sup>6</sup>	Feed grains, hay, and pasture <sup>7</sup>	Food grains <sup>8</sup>	Truck crops <sup>9</sup>	Vegetables except truck crops <sup>10</sup>	Fruits and tree nuts	Sugar crop <sup>11</sup>	Cotton and cotton-seed	Tobacco	Oil crops <sup>12</sup>
1929.....	101	97	124	101	97	100	103	106	86	92	86	72	113	103	60
1930.....	98	95	120	102	99	96	94	115	86	94	84	83	106	112	66
1931.....	105	104	116	103	101	106	103	122	86	104	106	78	130	105	64
1932.....	102	101	112	103	101	102	113	98	86	104	86	91	98	68	59
1933.....	95	93	109	104	103	92	96	72	89	97	87	102	99	94	47
1934.....	82	79	107	98	97	76	72	69	86	111	82	84	73	74	58
1935.....	97	96	105	95	94	97	103	84	94	107	104	90	81	90	98
1936.....	87	85	103	100	99	83	77	83	93	90	81	95	94	80	74
1937.....	107	108	100	99	98	110	106	115	97	106	108	96	144	107	86
1938.....	104	105	97	101	101	105	108	120	106	101	97	114	91	94	102
1939.....	105	106	95	105	108	105	106	98	110	96	110	105	90	129	140
1940.....	108	110	92	107	110	108	111	107	111	102	108	102	96	99	165
1941.....	111	114	90	113	117	111	116	121	112	103	115	98	81	85	182
1942.....	123	128	87	123	130	123	129	126	118	108	117	110	97	96	287
1943.....	120	125	84	131	139	116	122	109	114	131	101	81	87	96	300
1944.....	124	130	80	129	138	122	124	136	122	110	120	80	93	133	255
1945.....	123	129	76	130	139	120	124	142	125	111	111	94	69	136	274
1946.....	126	134	71	125	135	127	128	146	141	128	131	103	66	159	265
1947 <sup>13</sup> .....	121	129	64	124	135	120	109	173	128	108	126	108	89	149	281

<sup>1</sup> Average 1935-39 farm prices in each geographic division were used as weights in constructing indexes for each geographic division. United States totals were obtained by summing the geographic division quantity-price aggregates.

<sup>2</sup> The index of gross farm production measures calendar-year production of all crops and pasture consumed by all livestock, and the product added in the conversion of feed and pasture into livestock and livestock products for human use and into farm-produced horse and mule power.

<sup>3</sup> Farm output is gross farm production minus farm-produced power of horses and mules. The index of farm output measures calendar-year production of farm products for human use.

<sup>4</sup> Farm-produced power production is equal to the estimated cost (including depreciation) at 1935-39 average prices of raising and maintaining farm horses and mules each year. Farm-produced power production includes the feed and pasture consumed by horses and mules, and the product added in converting this feed and pasture into animal power.

<sup>5</sup> Products added by livestock was derived by subtracting the estimated value, at 1935-39 average prices, of all feed (including commercial feeds) and pasture consumed by each class of livestock from the total value, at 1935-39 average prices, of livestock and livestock products.

<sup>6</sup> Includes some miscellaneous crop production not included in separate crop groups shown.

<sup>7</sup> Corn, oats, barley, grain sorghum, tame hay, wild hay, sorghum for forage, and estimated pasture consumed by all livestock.

<sup>8</sup> Wheat, rye, rice, and buckwheat.

<sup>9</sup> Commercial truck crops for fresh market shipment (except commercial early Irish potatoes and strawberries) and processing, market gardens, and farm gardens.

<sup>10</sup> Potatoes (Irish), sweetpotatoes, dry edible beans, and dry peas.

<sup>11</sup> Sugar beets, sugarcane for sugar and seed, sugarcane sirup, sorgo sirup, maple sugar, and maple sirup.

<sup>12</sup> Soybeans for beans, peanuts, and flaxseed.

<sup>13</sup> Preliminary.

Bureau of Agricultural Economics. Gross farm production and total farm output cover all production of the calendar year without duplication, but allowances have been set up for production not regularly reported in the available statistical series.

TABLE 648.—Index numbers of gross farm production, by geographic divisions, 1929-47<sup>1</sup>

[1935-39=100]

Year	New Eng-land	Middle At-lantic	East North Central	West North Central	South At-lantic	East South Central	West South Central	Moun-tain	Pacific	United States
1929	96	91	90	124	93	98	102	106	84	101
1930	99	92	86	123	91	85	94	111	88	98
1931	99	100	100	115	97	107	123	97	85	105
1932	96	95	99	127	79	90	111	101	88	102
1933	98	95	87	107	91	93	99	97	85	95
1934	97	95	81	71	87	91	77	85	86	82
1935	97	101	98	100	97	90	91	95	95	97
1936	98	94	86	76	90	92	86	92	97	87
1937	104	103	105	105	106	117	118	100	103	107
1938	98	101	104	109	98	104	103	110	103	104
1939	103	101	107	110	109	97	102	103	102	105
1940	104	102	105	117	108	96	110	111	107	108
1941	105	102	112	126	99	104	106	122	109	111
1942	114	109	119	148	112	113	116	129	114	123
1943	123	103	115	144	111	111	109	134	116	120
1944	116	108	116	145	121	113	120	132	123	124
1945	119	108	121	144	123	113	104	130	121	123
1946	124	118	124	148	128	109	104	129	132	126
1947 <sup>2</sup>	120	111	111	133	125	110	114	136	130	121

<sup>1</sup> The indexes measure total crop production, pasture consumed by all livestock, and the product added in the conversion of feed and pasture into livestock and livestock products for human use and into farm-produced horse and mule power. The product-added method of combining crop and livestock production credits crop production to the geographic division in which the feed was grown, and credits livestock "manufacturing" production (product added) to the geographic division in which the feed was fed. Product added by livestock was derived by subtracting the estimated value, at 1935-39 average prices, of feed and pasture consumed by each class of livestock from the total value, at 1935-39 average prices, of livestock and livestock products.

The indexes of gross farm production measure calendar-year total production of each geographic division.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 649.—Index numbers of farm output, by geographic divisions, 1929-47<sup>1</sup>

[1935-39=100]

Year	New Eng-land	Middle At-lantic	East North Central	West North Central	South At-lantic	East South Central	West South Central	Moun-tain	Pacific	United States
1929	92	88	87	121	90	96	98	102	82	97
1930	96	90	82	121	89	80	89	108	87	95
1931	96	99	99	113	96	108	124	93	83	104
1932	93	94	98	127	76	88	110	98	87	101
1933	96	94	85	105	90	92	97	94	84	93
1934	96	94	78	65	85	89	72	82	85	79
1935	96	100	97	99	97	88	88	93	95	96
1936	98	93	84	72	89	91	84	91	96	85
1937	104	103	106	105	107	120	121	100	103	108
1938	98	102	104	111	97	105	105	112	103	105
1939	104	102	109	113	110	96	102	104	103	106
1940	105	103	107	122	109	95	113	113	108	110
1941	107	104	116	132	99	104	109	125	110	114
1942	117	112	124	158	114	115	121	133	116	128
1943	127	106	120	154	113	113	113	139	117	125
1944	120	112	122	156	125	117	127	137	125	130
1945	123	113	128	155	127	116	109	136	124	129
1946	129	124	132	160	133	113	109	136	135	134
1947 <sup>2</sup>	125	117	119	145	131	115	123	144	133	129

<sup>1</sup> See footnote 1, table 648. Farm output is gross farm production minus farm-produced power of horses and mules. Farm-produced power production is equal to the estimated cost (including depreciation) at 1935-39 average prices of raising and maintaining farm horses and mules each year. Farm-produced power production includes all feed and pasture consumed by horses and mules, and the product added in converting this feed and pasture into animal power.

The indexes of farm output measure calendar-year production of farm products for human use in each geographic division.

<sup>2</sup> Preliminary.

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TABLE 650.—*Index numbers of industrial production in selected lines and income of industrial workers, United States, 1929-47*

[1935-39=100]

Year	Iron and steel	Lumber	Machinery	Chemicals	Shoes	Bituminous coal	Crude petroleum	Income of industrial workers <sup>1</sup>
1929.....	133	152	130	89	89	135	86	134
1930.....	97	110	100	87	75	118	77	110
1931.....	61	74	66	78	78	96	73	84
1932.....	32	49	43	68	77	78	67	58
1933.....	54	64	50	76	86	84	77	61
1934.....	61	65	69	83	88	90	78	76
1935.....	81	86	83	89	95	94	85	86
1936.....	114	105	105	99	102	110	94	100
1937.....	123	111	126	112	102	112	109	117
1938.....	68	92	82	96	96	88	104	91
1939.....	114	106	104	112	105	99	108	105
1940.....	147	115	136	130	100	116	116	119
1941.....	186	129	221	176	123	129	120	169
1942.....	199	130	340	278	119	145	118	241
1943.....	208	119	443	384	114	147	128	322
1944.....	206	115	439	324	114	156	143	<sup>2</sup> 336
1945.....	183	98	343	284	119	144	146	<sup>3</sup> 291
1946.....	150	122	240	236	131	133	148	<sup>3</sup> 275
1947 <sup>2</sup> .....	195	132	277	251	116	155	159	332

<sup>1</sup> Computed from pay-roll data (factory and mining), as reported by the Bureau of Labor Statistics, and compensation of railway employees, from reports of the Interstate Commerce Commission.

<sup>2</sup> Preliminary.

<sup>3</sup> Revised.

Bureau of Agricultural Economics. Compiled from records of Federal Reserve System except where noted. Data for 1923-28 in Agricultural Statistics, 1946, table 610.

TABLE 651.—Nutrients available for consumption per capita per day, United States, 1930-48<sup>1</sup>

Year	Food energy	Protein	Fat	Carbohydrate	Calcium	Iron	Vitamin A value	Thiamine	Riboflavin	Niacin	Ascorbic acid
	<i>Calories</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Milli-grams</i>	<i>International units</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>Milli-grams</i>
1930	3,460	91	134	471	0.87	14.0	7,600	1.63	1.83	15.4	101
1931	3,400	90	135	456	0.86	13.9	7,900	1.65	1.86	15.8	110
1932	3,290	87	133	435	0.86	13.5	8,200	1.62	1.83	15.4	109
1933	3,250	86	133	427	0.85	13.5	8,000	1.59	1.80	15.3	105
1934	3,270	89	133	426	0.85	13.9	8,100	1.59	1.82	16.4	108
1935	3,170	85	125	427	0.87	13.5	8,200	1.47	1.78	14.9	115
1936	3,270	90	130	432	0.88	13.8	7,800	1.52	1.84	15.6	108
1937	3,240	89	132	426	0.89	13.7	8,100	1.50	1.84	15.3	112
1938	3,260	91	133	426	0.91	13.9	8,200	1.56	1.89	15.5	118
1939	3,330	91	138	428	0.93	14.3	8,300	1.61	1.92	15.8	121
1935-39 average	3,250	89	132	428	0.90	13.8	8,100	1.54	1.86	15.4	115
1940	3,350	93	142	424	0.93	13.9	8,200	1.69	1.93	16.4	120
1941 <sup>2</sup>	3,430	93	143	443	0.95	14.9	8,500	1.78	1.95	16.9	122
1942 <sup>2</sup>	3,360	95	139	430	1.00	15.8	9,000	1.96	2.06	17.5	127
1943 <sup>2</sup>	3,420	100	144	430	1.02	16.9	9,200	2.21	2.21	19.5	126
1944 <sup>2</sup>	3,470	100	145	440	1.04	18.5	9,400	2.28	2.48	21.6	132
1945 <sup>2</sup>	3,370	103	138	428	1.08	19.0	9,800	2.24	2.55	21.9	139
1946 <sup>2</sup>	3,380	100	145	418	1.12	18.7	9,300	2.27	2.56	21.5	136
1947 <sup>2</sup>	3,380	98	142	425	1.07	18.1	8,700	2.14	2.43	20.5	130
1948 <sup>2,3</sup>	3,300	96	141	414	1.05	17.2	8,700	2.07	2.37	19.7	128

## Index Numbers (1935-39=100)

1930	106	102	102	110	97	101	94	106	98	100	88
1931	105	101	102	107	96	101	98	107	100	103	96
1932	101	98	101	102	96	98	101	105	98	100	95
1933	100	97	101	100	94	98	99	103	97	99	91
1934	101	100	101	100	94	101	100	103	98	105	94
1935	98	96	95	100	97	98	101	95	96	97	100
1936	101	101	98	101	98	100	96	99	99	101	94
1937	100	100	100	100	99	99	100	97	99	99	97
1938	100	102	101	100	101	101	101	101	102	101	103
1939	102	102	105	100	103	104	102	105	103	103	105
1940	103	104	108	99	103	101	101	110	104	106	104
1941 <sup>2</sup>	106	104	108	104	106	108	105	116	105	110	106
1942 <sup>2</sup>	103	107	105	100	111	114	111	127	111	114	110
1943 <sup>2</sup>	105	112	109	100	113	122	114	144	119	127	110
1944 <sup>2</sup>	107	112	110	103	116	134	116	148	133	140	115
1945 <sup>2</sup>	104	116	105	100	120	138	121	145	137	142	121
1946 <sup>2</sup>	104	112	110	98	124	136	115	147	138	140	118
1947 <sup>2</sup>	104	110	108	99	119	131	107	139	131	133	113
1948 <sup>2,3</sup>	102	108	107	97	117	125	107	134	127	128	111

<sup>1</sup>Quantities of nutrients computed by Bureau of Human Nutrition and Home Economics on the basis of estimates of apparent consumption (retail basis), including estimates of foods supplied by farm and city gardens, prepared by Bureau of Agricultural Economics. No deductions have been made in the nutrient estimates for the loss or waste of food in the home or for destruction or loss of nutrients during the preparation of food.

In 1942-46, the data for iron, thiamine, riboflavin, and niacin include the amounts of these nutrients added to prepared cereals and to white flour (or bread) under the enrichment program. For 1947 and 1948, enrichment was estimated to be the same as in 1946.

<sup>2</sup>Civilian only.

<sup>3</sup>Preliminary.

Bureau of Human Nutrition and Home Economics. Data for 1909-29 in Agricultural Statistics, 1946, tables 625 and 626.



TABLE 652.—Farmers' cooperative marketing and purchasing associations: Number,<sup>1</sup> estimated membership,<sup>2</sup> and estimated business,<sup>3</sup> United States, 1936-46

Year <sup>4</sup>	Marketing associations			Purchasing associations			Total		
	Associa- tions listed	Esti- mated mem- ber- ship	Estimated business	Associa- tions listed	Esti- mated mem- ber- ship	Estimated business	Associa- tions listed	Esti- mated mem- ber- ship	Estimated business
	<i>Number</i>	<i>1,000 members</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 members</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 members</i>	<i>1,000 dollars —</i>
1936 <sup>5</sup> .....	8,142	2,414	6 1,882,600	2,601	856	6 313,400	10,743	3,270	6 2,196,000
1937.....	8,300	2,500	6 2,050,000	2,600	900	6 350,000	10,900	3,400	6 2,400,000
1938.....	8,100	2,410	6 1,765,000	2,600	890	6 335,000	10,700	3,300	6 2,100,000
1939.....	8,051	2,300	6 1,729,000	2,649	900	6 358,000	10,700	3,200	6 2,087,000
1940.....	7,943	2,420	6 1,911,000	2,657	980	6 369,000	10,600	3,400	6 2,280,000
1941.....	7,824	2,430	6 2,360,000	2,726	1,170	6 480,000	10,550	3,600	6 2,840,000
1942.....	7,708	2,580	6 3,180,000	2,742	1,270	6 600,000	10,450	3,850	6 3,780,000
1943.....	7,522	2,730	6 4,430,000	2,778	1,520	6 730,000	10,300	4,250	6 5,160,000
1944.....	7,400	2,895	6 4,835,000	2,750	1,610	6 810,000	10,150	4,505	6 5,645,000
1945.....	7,378	3,150	6 5,147,000	2,772	1,860	6 923,000	10,150	5,010	6 6,070,000
1946.....	7,268	3,378	6 6,005,000	2,857	2,058	6 1,111,000	10,125	5,436	6 7,116,000

<sup>1</sup> Includes independent local associations, federations, large-scale centralized associations, and sales agencies.

<sup>2</sup> The membership estimates include members, contract members, and shareholders, but do not include patrons not in these categories. (There is some duplication in these membership figures due to the fact that some farmers belong to more than one association.)

<sup>3</sup> Includes the value of commodities sold or purchased for patrons and the service charges for associations rendering other essential service either in marketing or purchasing.

<sup>4</sup> Reports of associations are included either for the calendar year or for fiscal periods beginning within the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

<sup>5</sup> Data for 1936 season are from a survey made by the Farm Credit Administration in cooperation with the district banks for cooperatives and 33 State Agricultural Colleges.

<sup>6</sup> After making adjustments for the purchasing business of the marketing associations and the marketing business of the purchasing associations, it is estimated that the total purchasing business was about as follows: 1936 season, \$313,400,000; 1937 season, \$440,000,000; 1938 season, \$416,000,000; 1939 season, \$448,200,000; 1940 season, \$450,000,000; 1941 season, \$600,000,000; 1942 season, \$750,000,000; 1943 season, \$1,010,000,000; 1944 season, \$1,095,000,000; 1945 season, approximately \$1,220,000,000; 1946 season, \$1,452,000,000.

Farm Credit Administration. Based on records from associations reporting to the Administration.

TABLE 653.—Farmers' cooperative marketing and purchasing associations: Number, estimated membership, and estimated business, by commodity groups, 1945 and 1946 <sup>1</sup>

Commodity group	Associations listed <sup>2</sup>		Estimated membership <sup>3</sup>		Estimated business <sup>4 5</sup>	
	1945	1946	1945	1946	1945	1946
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Marketing:						
Cotton and cotton products <sup>6</sup> .....	529	525	285,000	284,000	<sup>7</sup> 176,500	<sup>7</sup> 233,700
Dairy products.....	2,210	2,132	739,000	746,000	1,428,000	1,746,000
Fruits and vegetables.....	921	937	177,000	168,000	815,000	826,000
Grain including dry beans and rice.....	2,256	2,224	536,000	602,000	1,495,000	1,918,000
Livestock.....	618	572	800,000	860,000	705,000	790,000
Nuts.....	43	41	62,700	65,000	176,500	59,000
Poultry and products.....	153	148	127,000	127,000	213,000	225,000
Tobacco.....	13	15	150,000	239,800	24,100	70,400
Wool and mohair.....	130	127	116,000	109,000	34,000	34,000
Miscellaneous products <sup>8</sup> .....	505	547	157,300	177,200	79,900	102,900
Total marketing.....	7,378	7,268	3,150,000	3,378,000	5,147,000	6,005,000
Purchasing.....	2,772	2,857	1,860,000	2,058,000	<sup>9</sup> 923,000	<sup>9</sup> 1,111,000
Total marketing and purchasing.....	10,150	10,125	5,010,000	5,436,000	6,070,000	7,116,000

<sup>1</sup> Reports of associations are included either for the calendar year or for fiscal periods beginning within the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

<sup>2</sup> Includes independent local associations, federations, large-scale centralized associations, sales agencies.

<sup>3</sup> Includes members, contract members, and shareholders, but does not include patrons not in these categories. (There is some duplication in these membership figures due to the fact that some farmers belong to more than one association.)

TABLE 654.—Farmers' cooperative marketing and purchasing associations: Number, estimated membership, and estimated business,<sup>1</sup> by States, 1946<sup>2</sup>

State and division	Associations listed <sup>3</sup>	Estimated membership <sup>4</sup>	Estimated business	State and division	Associations listed <sup>3</sup>	Estimated membership <sup>4</sup>	Estimated business
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>		<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
Maine.....	33	7,930	20,400	South Carolina.....	26	9,650	9,230
New Hampshire.....	13	3,970	17,560	Georgia.....	66	112,000	37,600
Vermont.....	39	12,460	28,600	Florida.....	89	6,130	95,800
Massachusetts.....	38	86,480	137,650	South Atlantic.....	472	592,000	346,210
Rhode Island.....	4	1,400	2,680	Kentucky.....	60	149,050	77,490
Connecticut.....	30	8,400	23,600	Tennessee.....	77	104,660	30,400
New England.....	157	120,640	230,490	Alabama.....	69	76,220	14,400
New York.....	392	177,640	410,050	Mississippi.....	105	45,230	62,410
New Jersey.....	59	33,160	69,320	East South Central..	311	375,160	184,700
Pennsylvania.....	186	95,060	149,110	Arkansas.....	82	13,450	31,860
Middle Atlantic....	637	305,860	628,480	Louisiana.....	58	19,110	43,160
Ohio.....	312	238,460	327,140	Oklahoma.....	198	113,150	156,830
Indiana.....	172	229,800	256,330	Texas.....	514	168,140	226,510
Illinois.....	612	540,670	508,740	West South Central..	852	313,850	458,360
Michigan.....	258	149,800	208,190	Montana.....	191	44,540	66,120
Wisconsin.....	943	303,500	381,950	Idaho.....	119	71,500	75,600
East North Central.	2,297	1,462,230	1,682,350	Wyoming.....	29	10,400	14,130
Minnesota.....	1,306	567,100	674,420	Colorado.....	121	58,150	79,600
Iowa.....	730	327,000	441,400	New Mexico.....	26	7,170	9,280
Missouri.....	294	303,530	270,960	Arizona.....	16	39,510	9,320
North Dakota.....	581	156,200	213,330	Utah.....	69	29,380	70,150
South Dakota.....	301	109,450	124,820	Nevada.....	7	410	640
Nebraska.....	429	167,700	229,440	Mountain.....	578	261,060	324,840
Kansas.....	350	100,790	231,750	Washington.....	201	99,790	255,670
West North Central	3,991	1,731,770	2,186,120	Oregon.....	150	69,300	141,450
Delaware.....	12	6,040	3,700	California.....	479	104,340	677,330
Maryland.....	62	36,830	38,890	Pacific.....	830	273,430	1,074,450
District of Columbia..	1	1,460	20,200	United States.....	10,125	5,436,000	7,116,000
Virginia.....	130	229,540	87,710				
West Virginia.....	47	25,030	6,000				
North Carolina.....	39	165,320	47,080				

<sup>1</sup> Estimated membership and estimated business for each association is credited to the State in which the association has its headquarters.

<sup>2</sup> Reports of associations are included either for the calendar year or for fiscal periods beginning with the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

<sup>3</sup> Includes independent local associations, federations, large-scale centralized associations, and sales agencies.

<sup>4</sup> Includes members, contract members, and shareholders, but does not include patrons not in these categories. (There is some duplication in these membership figures, due to the fact that some farmers belong to more than one association.)

Farm Credit Administration.

#### FOOTNOTES FOR TABLE 653—Continued

<sup>4</sup> Includes some intra-association business.

<sup>5</sup> Includes the value of commodities sold or purchased for patrons and the service charges for associations rendering other essential services either in marketing or purchasing.

<sup>6</sup> Includes ginned cotton, cottonseed, cottonseed oil, cottonseed meal, etc.

<sup>7</sup> Includes some Government loan cotton.

<sup>8</sup> Includes associations handling commodities not specified above, those handling several types of commodities, and those furnishing special services.

<sup>9</sup> After adjustments for purchasing business by the marketing associations and marketing business by the purchasing associations, the totals for purchasing business are: 1945, approximately, \$1,220,000,000; 1946, \$1,452,000,000.

Farm Credit Administration. Data for 1939-43 in Agricultural Statistics, 1945, table 651, and for 1944 in Agricultural Statistics, 1947, table 718.

TABLE 655.—Farmers' cooperatives: Type, number, and membership

Type	Year or date of data	Associa-tions	Estimated members or partici-pants
		Number	Number
<b>Production:</b>			
Mutual irrigation companies <sup>1</sup> .....	1940	4,356	148,294
FSA-financed service cooperatives <sup>2</sup> .....	Aug. 1945	243	117,000
Dairy-herd-improvement associations <sup>3</sup> .....	Jan. 1947	1,426	28,812
Dairy-bull associations <sup>3</sup> .....	Jan. 1947	140	2,296
Cooperative dairy-cattle artificial breeding associations <sup>3</sup> .....	Jan. 1947	608	140,571
Grazing associations <sup>4</sup> .....	1946	40	1,672
Indian enterprises <sup>5</sup> .....	Oct. 1946	<sup>6</sup> 225	12,192
<b>Marketing and purchasing:</b>			
Marketing <sup>7</sup> .....	1946-47	<sup>8</sup> 7,268	3,378,000
Purchasing <sup>7</sup> .....	1946-47	<sup>8</sup> 2,851	2,058,000
FSA-financed marketing associations <sup>2</sup> .....	Aug. 1945	245	44,000
FSA-financed purchasing associations <sup>2</sup> .....	Aug. 1945	80	14,000
FSA-financed purchasing and marketing associations <sup>2 9</sup> .....	Aug. 1945	546	70,000
<b>Financing:</b>			
National farm loan associations <sup>7</sup> .....	July 1, 1947	1,279	325,000
Production credit associations <sup>7</sup> .....	June 30, 1947	504	403,642
Banks, for cooperatives <sup>7</sup> .....	June 30, 1947	13	<sup>10</sup> 2,239,134
Rural credit unions <sup>11</sup> .....	1944	680	100,000
<b>Insurance:</b>			
Farmers' mutual fire insurance companies <sup>12</sup> .....	1944	1,883	3,500,000
<b>Public services:</b>			
Mutual telephone companies <sup>13</sup> .....	1937	32,879	669,344
Electric power and light associations <sup>14</sup> .....	Dec. 31, 1946	795	1,595,000
<b>Miscellaneous:</b>			
Farmers' burial associations <sup>15</sup> .....	1946	44	37,700

<sup>1</sup> Sixteenth Census of the United States, 1940.

<sup>2</sup> Farm Security Administration, (now Farmers Home Administration), Department of Agriculture. Includes currently-operating associations. Small, informal, unincorporated groups of farmers, designated as "group service" organizations are not included.

<sup>3</sup> Bureau of Dairy Industry, Department of Agriculture.

<sup>4</sup> Grazing Service, Department of Interior.

<sup>5</sup> Office of Indian Affairs, Department of Interior.

<sup>6</sup> There are 264 other Indian Corporate and Tribal Enterprises.

<sup>7</sup> Farm Credit Administration, Department of Agriculture.

<sup>8</sup> Includes a few Farm Security Administration associations.

<sup>9</sup> Doing about an equal amount of marketing and of purchasing.

<sup>10</sup> Members and other patrons of associations borrowing from banks for cooperatives.

<sup>11</sup> Estimates based on Bul. 850, Bureau of Labor Statistics, Department of Labor.

<sup>12</sup> Bureau of Agricultural Economics, Department of Agriculture.

<sup>13</sup> Census of Electrical Industries, 1937, Bureau of the Census. Number of associations includes 2,067 companies with switchboards and 30,812 without switchboards. Number of participants estimated from number of telephones, assuming 1 patron per telephone.

<sup>14</sup> Rural Electrification Administration, Department of Agriculture.

<sup>15</sup> Bureau of Labor Statistics, Department of Labor.

Farm Credit Administration.

TABLE 656.—Purchase and indemnity operations to encourage the exportation and domestic consumption of agricultural commodities, years ended June 30, 1947 and 1948

Commodity	Year ended June 30, 1947 <sup>1</sup>	Year ended June 30, 1948	Commodity	Year ended June 30, 1947 <sup>1</sup>	Year ended June 30, 1948
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
Direct distribution (purchases):..			Direct distribution (purchases):..		
Eggs.....	10,698	13,141	Vegetables (continued):		
Fruits:			Sauerkraut, canned.....	35	
Apples, fresh.....		1,952	Spinach.....	153	
Figs, dried.....		1,125	Tree nuts.....		1,098
Fruits, dried.....		6,452			
Fruits, canned.....		2,000	Total.....	16,377	40,677
Grapefruit juice, canned.....	14	3,141			
Orange juice, canned.....		1,400	Indemnity payments:		
Pears, fresh.....		248	Cotton (diversion).....	1,688	592
Honey.....		848	Cotton (export).....	32,863	2,044
Vegetables:			Eggs (export).....		7,095
Beans, snap.....	4	111	Fruits, dried (export).....		2,766
Beets, topped.....	116	13	Pears, fresh (diversion).....		28
Cabbage.....	114	44	Potatoes, Irish (diversion).....	19,964	10,595
Carrots.....	17		Potatoes, Irish (export).....	1,143	
Onions.....	264		Tobacco (export).....		10,080
Potatoes, Irish.....	4,961	8,081			
Sweet potatoes.....	1	987	Total.....	55,658	33,200
			Grand total.....	72,035	73,877

<sup>1</sup> Revised as of June 30, 1948.

Production and Marketing Administration. Operations carried on under Sec. 32 of Public Law 320, 74th Cong.; (7 U.S.C., 1940 ed., 612c), Aug. 24, 1935; 49 Stat. 774.

TABLE 657.—School-lunch programs: Quantity and cost of Federal assistance, 1936-48

Year ending June—	Direct distribution				Indemnity plan <sup>4</sup>	School milk <sup>5</sup>
	Section 32 <sup>1</sup>		Section 6 <sup>2</sup>			
	Quantity	Cost <sup>3</sup>	Quantity	Cost <sup>3</sup>	Cost <sup>5</sup>	Cost <sup>5</sup>
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars
1936.....	6,174	244				
1937.....	4,871	171				
1938.....	16,842	575				
1939.....	28,735	1,325				
1940.....	92,904	3,962				1
1941.....	340,780	13,119				592
1942.....	454,503	21,859				1,474
1943.....	278,659	17,563			975	4,826
1944.....	92,776	7,814			26,585	
1945.....	94,390	5,796			42,048	
1946.....	76,622	5,834			51,292	
1947.....	111,242	2,813	40,108	5,735	59,896	
1948.....	202,665	19,341	80,648	13,438	54,000	

<sup>1</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved August 24, 1935, as amended.

<sup>2</sup> Distribution of commodities acquired by the Government and distributed under provisions of Section 6 of the National School Lunch Act, Public Law 396, 79th Congress, approved June 4, 1946.

<sup>3</sup> Total cost to the Government of the commodity as delivered to the distributing agency; includes cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.

<sup>4</sup> A subsidy program to expand markets for agricultural products, maintain outlets for Section 32 commodities, and support school-lunch programs. Sponsors of school-lunch programs are reimbursed by the Government for local purchases of food on a basis of the quality and quantity of meals served. The program was started in February 1943. The figure for 1947 does not include the

See footnotes continued on page 574.

TABLE 658.—Federal food distribution program: Quantity of food distributed to institutions and welfare cases, and Federal cost, 1936-48

Year ending June—	Direct distribution <sup>1</sup>		Food stamp program <sup>3</sup>		Relief milk program <sup>5</sup>	
	Quantity	Cost <sup>2</sup>	Quantity	Cost <sup>4</sup>	Quantity	Cost <sup>4</sup>
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 half pints	1,000 dollars
1936.....	634,665	31,792				
1937.....	600,137	21,205				
1938.....	1,021,351	35,375				
1939.....	1,941,344	66,264	1,457	124		
1940.....	1,694,890	57,674	229,190	16,414	149,194	692
1941.....	2,169,059	66,684	1,372,050	82,820	275,296	1,519
1942.....	822,251	26,146	1,926,443	111,616	261,246	2,395
1943.....	296,983	15,447	851,987	49,129	161,202	1,734
1944.....	189,616	11,753				
1945.....	105,600	7,043				
1946.....	74,130	1,852				
1947.....	139,750	2,873				
1948.....	180,191	13,742				

<sup>1</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved August 24, 1935, as amended. Distribution to ultimate eligible recipients is accomplished through cooperating distribution agencies in States.

<sup>2</sup> Total cost to the Government of the commodity as delivered to the distributing agency; includes cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.

<sup>3</sup> A consumer subsidy program to expand markets for surplus foods. The grant was made through State and local welfare agencies in the form of "food stamps," issued to households receiving public assistance and redeemed by the Government through retail grocers in exchange for foods designated by the Secretary of Agriculture to be in surplus. The program was started in May 1939 and was discontinued in February 1943.

<sup>4</sup> Total cost in subsidy payments by the Government; does not include costs of administration of the program.

<sup>5</sup> A consumer subsidy program to expand markets for surplus milk. Handlers were reimbursed by the Government to the full agreed rate for delivery of milk at reduced prices to certified households receiving public assistance from State and local welfare agencies. The program was discontinued in June 1943.

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TABLE 659.—Federal food distribution programs: Quantity and cost for direct distribution programs,<sup>1</sup> year ended June 30, 1948

Commodity or commodity group	School-lunch programs		Institution and welfare cases		Total	
	Quantity	Cost <sup>2</sup>	Quantity	Cost <sup>2</sup>	Quantity	Cost <sup>2</sup>
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
Dairy and poultry products.....	18,307	11,461	3,574	4,825	21,881	16,286
Potatoes.....	82,293	3,292	111,836	4,473	194,129	7,765
Other fresh vegetables.....	12,501	599	15,408	706	27,909	1,305
Canned vegetables.....	43,847	3,965	536	14	44,383	3,979
Fresh fruits.....	31,451	1,797	15,696	897	47,147	2,694
Dried fruits.....	30,773	3,491	11,510	1,317	42,283	4,808
Canned fruits.....	469	48			469	48
Citrus juice.....	53,052	5,404	20,885	1,142	73,937	6,546
Miscellaneous products.....	10,620	2,722	746	368	11,366	3,090
Total.....	283,313	32,779	180,191	13,742	463,504	46,521

<sup>1</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved August 24, 1935, as amended; part of the distribution to school-lunch programs, 80,648,267 pounds costing \$13,438,329, was commodities distributed under provisions of Section 6 of the National School Lunch Act. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school-lunch programs, eleemosynary institutions, and households receiving public assistance from State or local welfare agencies.

<sup>2</sup> Total cost to the Federal Government of the commodity as delivered to the distributing agency; it includes the cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.

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TABLE 660.—Federal food distribution programs: Persons participating,<sup>1</sup> 1936-48

Year ending June—	Participation of children in school-lunch programs						Persons participating in programs for institutions and welfare groups					
	Direct distribution <sup>2</sup>		Indemnity plan <sup>3</sup>		School milk <sup>4</sup>		Direct distribution <sup>2</sup>		Food stamp plan <sup>5</sup>		Relief milk <sup>6</sup>	
	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1936....	(?)	(?)	-----	-----	-----	-----	10,117	10,431	-----	-----	-----	-----
1937....	225	342	-----	-----	-----	-----	8,080	8,889	-----	-----	-----	-----
1938....	418	543	-----	-----	-----	-----	7,743	8,956	-----	-----	-----	-----
1939....	499	892	-----	-----	-----	-----	10,712	13,091	36	51	-----	-----
1940....	1,285	2,496	-----	-----	7	7	11,378	11,910	651	1,488	(?)	(?)
1941....	2,704	4,715	-----	-----	294	325	9,135	10,252	2,887	3,969	423	460
1942....	3,990	6,165	-----	-----	586	731	5,034	6,230	3,445	3,821	414	455
1943....	2,991	5,277	410	774	1,154	2,095	2,491	3,069	2,045	2,600	221	347
1944....	1,230	2,926	2,193	3,693	-----	-----	901	1,161	-----	-----	-----	-----
1945....	2,053	3,938	3,146	4,630	-----	-----	679	945	-----	-----	-----	-----
1946....	1,833	3,688	3,663	5,177	-----	-----	481	828	-----	-----	-----	-----
1947....	3,270	4,834	4,203	6,016	-----	-----	835	927	-----	-----	-----	-----
1948....	3,590	7,209	4,408	6,015	-----	-----	899	1,179	-----	-----	-----	-----

<sup>1</sup> In this tabulation, "peak participation" is the participation during the month of the year when the largest number of persons participated in the program; "average participation" is the average for the 12 months of the fiscal year.

<sup>2</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of sec. 32, Public Law 320, 74th Cong., approved August 24, 1935, as amended; and under sec. 6 of the National School Lunch Act, Public Law 396, 79th Cong., approved June 4, 1946. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school-lunch programs, eleemosynary institutions, and households receiving public assistance from State or local welfare agencies.

<sup>3</sup> A subsidy program to expand markets for agricultural products, maintain outlets for Section 32 commodities, and support school-lunch programs. Sponsors of school-lunch programs are reimbursed by the Government for local purchases of food on basis of the quality and quantity of meals served. The program was started in February 1943.

<sup>4</sup> A subsidy program to expand markets for milk. Handlers at first were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates for consumption by children in schools participating in the program. Later, the schools themselves paid the full local selling price to handlers and were reimbursed by the Government at a rate equal to the local producer price. In July 1943 the program was merged with the indemnity plan for school-lunch programs.

<sup>5</sup> A consumer subsidy program to expand markets for surplus foods. The grant was made through State and local welfare agencies in the form of "food stamps," issued to households receiving public assistance and redeemed by the Government through retail grocers in exchange for foods designated by the Secretary of Agriculture to be in surplus. The program was started in May 1939 and was discontinued in February 1943.

<sup>6</sup> A subsidy program to expand markets for surplus milk. Handlers were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates to certified households receiving assistance from State or local welfare agencies. The program was discontinued in June 1943.

<sup>7</sup> Information not available.

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#### FOOTNOTES FOR TABLE 657—Continued

sum of \$9,702,990, which was expended under authority contained in Section 5 of the National School Lunch Act to provide nonfood assistance for the school-lunch programs. Approximately 39,000 schools purchased lunch-room equipment under this program.

<sup>5</sup> Total cost in subsidy payments by the Government; does not include costs of administration of the program.

<sup>6</sup> A subsidy program to expand markets for milk. Handlers at first were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates for consumption by children in schools participating in the program. Later, the schools themselves paid the full local selling price to handlers, and were reimbursed by the Government at a rate equal to the local producer price. In July 1943 the program was merged with the indemnity plan for school-lunch programs.

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TABLE 661.—Total purchases of agricultural commodities by the U. S. Department of Agriculture, 1947

Commodity	Quantity	Commodity	Quantity
<b>Grain and cereal products:</b>		<b>Fruit and vegetable products:</b>	
<b>Bulk grains:</b>	<i>Pounds</i>	<b>Fresh vegetables:</b>	<i>Pounds</i>
Wheat.....	16,501,369,860	Potatoes, Irish.....	3,208,310,936
Corn.....	3,605,226,576	Potatoes, sweet.....	29,193,350
Barley.....	1,139,697,072	Beets.....	7,480,322
Grain sorghums.....	332,509,016	Beans, green.....	2,120,850
Oats.....	241,595,296	Spinach.....	1,895,040
Rye.....	1,055,992	Cabbage.....	1,010,409
		Onions.....	269,400
Total, bulk grains.....	21,821,453,812	Potatoes, seed, Irish.....	110,000
<b>Foods:</b>		Total, fresh vegetables.....	3,250,390,307
Flour, wheat, enriched.....	4,597,502,283	<b>Dried fruits:</b>	
Rice.....	399,673,600	Raisins.....	161,081,180
Flour, wheat, plain.....	93,580,165	Prunes.....	134,396,000
Beans, dry.....	85,745,930	Peaches.....	8,800,000
Flour, whole wheat, graham.....	57,000,000	Apples.....	2,000,000
Flour, soya.....	47,853,100	Total, dried fruits.....	306,277,180
Cereal, rolled or flaked oats.....	38,080,000	<b>Canned fruits and vegetables:</b>	
Durum, granular.....	38,000,000	Tomato juice.....	31,216,738
Peas, dry.....	24,980,000	Tomatoes.....	20,017,871
Macaroni and spaghetti.....	9,430,000	Orange juice, concentrated.....	16,973,533
Corn meal and grits.....	8,540,000	Pineapple.....	2,489,292
Flour, rye.....	4,480,000	Figs.....	2,141,641
Molasses.....	2,800,000	Peaches.....	1,496,249
Barley, pearl.....	1,200,000	Grapefruit juice.....	1,136,869
Total, foods.....	5,408,865,078	Apricots.....	841,793
<b>Seeds:</b>		Sauerkraut.....	839,966
Field.....	70,710,865	Orange juice.....	777,116
Vegetable.....	19,403,022	Tomato puree.....	100,958
Total, seeds.....	90,118,887	Blended juice.....	5,929
<b>Feeds:</b>		Total, canned fruits and vegetables.....	78,037,955
Hay, forage or straw.....	49,840,000	<b>Other fruit and vegetable products:</b>	
Dairy feed, mixed.....	1,500,000	Jams.....	5,949,952
Gray shorts.....	1,120,000	Potatoes, Irish, dehydrated.....	2,218,940
Cottonseed-oil meal.....	1,120,000	Total, fruit and vegetable products.....	3,642,874,334
Wheat bran.....	676,400	<b>Livestock and meat products:</b>	
Barley, rolled.....	70,000	Wool.....	153,673,225
Miscellaneous feeds.....	48,000	Meat and gravy (Mexican).....	41,517,280
Total, feeds.....	54,374,400	Horsemeat and gravy.....	6,595,000
Total, grain and cereal products.....	27,374,812,177	Total.....	201,785,505
<b>Fats, oils, and oil-bearing products:</b>		<b>Fibers:</b>	
Peanuts.....	260,653,175	Cotton.....	180,900,000
Lard.....	109,157,787	Cotton waste.....	9,540,000
Linseed oil (Argentine).....	89,600,000	Total.....	190,440,000
Oleomargarine (coconut oil).....	7,110,331	<b>Poultry products:</b>	
Soap, all-purpose household.....	6,071,511	Eggs, frozen.....	77,651,120
Soap, synthetic.....	5,730,597	Eggs, dried.....	76,296,435
Soybean oil, edible, refined.....	4,670,600	Turkeys, frozen, dressed.....	1,541,122
Soybean oil, crude.....	3,381,000	Total.....	155,488,677
Fatty acids, tallow.....	2,516,354	<b>Fish:</b>	
Soybean oil, once-refined.....	2,480,000	Hake, silver (Whiting).....	8,096,355
Rapeseed oil.....	1,926,400	Salt fish, wet.....	7,495,640
Oleomargarine (temperate).....	1,415,000	Squid.....	2,250,000
Soybean oil, hydrogenated.....	1,220,000	Herring, sea.....	1,481,235
Shortening.....	170,044	Herring, river.....	1,155,000
Soap, laundry, yellow.....	155,946	Mackerel, Atlantic.....	607,500
Total.....	496,258,745	Mackerel, Pacific.....	243,000
<b>Dairy products:</b>		Tuna, minced.....	163,800
Milk, dry skim (spray).....	138,803,342	Shad.....	10,500
Milk, dry skim (roller).....	77,846,603	Total.....	21,503,030
Milk, evaporated.....	55,590,732	<b>Grand total.....</b>	<b>32,374,700,718</b>
Cheese, processed.....	10,925,500		
Milk, dry, whole.....	7,884,550		
Cheese, American.....	487,623		
Total.....	291,538,250		

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TABLE 662.—*Deliveries of agricultural commodities by the U. S. Department of Agriculture to domestic programs and export programs, July-December 1947*<sup>1</sup>

Agency and commodity	Quantity	Agency and commodity	Quantity
Department of the Army:	<i>Pounds (net)</i>	United States Foreign Relief:	<i>Pounds (net)</i>
Wheat.....	4,217,951,400	Wheat.....	1,970,954,580
Flour.....	1,062,381,333	Flour.....	491,162,873
Barley.....	681,090,288	Milk, evaporated.....	43,339,311
Corn.....	395,498,208	Corn.....	38,985,408
Sugar.....	327,862,000	Lard and other animal fats.....	34,866,155
Grain sorghums.....	198,072,000	Beans, dry.....	23,345,370
Cotton.....	189,017,000	Grits and meal.....	18,992,183
Milk, dried.....	127,379,945	Peas, dry.....	18,052,300
Oats.....	125,077,248	Breakfast cereal.....	15,679,033
Lard and other animal fats.....	17,449,894	Fish, canned or dehydrated.....	13,515,996
Seed.....	2,164,968	Milk, dried.....	10,836,948
Poultry and poultry products.....	748,778	Fruits, dehydrated or dried.....	8,175,840
Total.....	7,344,693,062	Meats, canned.....	6,739,440
Cash-paying foreign governments:		Soap and related products.....	2,563,731
Wheat.....	3,498,103,920	Macaroni and spaghetti.....	1,799,500
Corn.....	57,472,856	Vegetable oils.....	1,614,094
Milk, dried.....	34,459,458	Seeds.....	1,574,691
Eggs, dried.....	28,318,615	Oleomargarine.....	503,756
Flour.....	2,130,000	Total.....	2,702,701,209
Lard and other animal fats.....	2,071,496	Sales to individuals and corporations:	
Oleomargarine.....	1,968,578	Vegetables, fresh.....	861,120,767
Meats, canned.....	1,400,820	Peanuts.....	59,579,494
Soap and related products.....	919,980	Vegetable oils.....	23,120,689
Vegetables, fresh.....	110,200	Flour.....	1,512,874
Total.....	3,626,955,913	Milk, dried.....	853,329
Other Government agencies:		Hay.....	539,640
Vegetables, fresh.....	160,692,783	Flax fiber.....	467,476
Juice and juice powders.....	17,075,459	Milk, evaporated.....	356,505
Fruits, dehydrated or dried.....	15,888,600	Eggs, dried.....	332,539
Vegetables, canned.....	12,347,631	Lard and other animal fats.....	162,195
Eggs, dried.....	5,679,238	Eggs, frozen or liquid.....	146,580
Milk, dried.....	2,930,000	Meats, canned.....	103,954
Total.....	214,613,711	Beans, dry.....	71,645
Greek-Turkish aid:		Poultry and poultry products.....	22,431
Feeds.....	2,240,100	Total.....	948,390,118
Flour.....	880,000	Grand total (6 months).....	14,840,474,113
Total.....	3,120,100		

<sup>1</sup> Comparable data for the first half of 1947 are not available.

Production and Marketing Administration. Compiled from reports of the Shipping and Storage Branch as of January 16, 1948.



TABLE 663.—Farm products prices: Average prices received by farmers and parity prices, United States, 1917, with comparisons

Commodity and unit	Price unit	Base data <sup>1</sup>		Prices received <sup>2</sup>					Parity prices <sup>2</sup>					Actual prices as a percentage of parity				
		Period	Average price	1935-39	1945	1946	1947 <sup>3</sup>	1935-39	1945 <sup>4</sup>	1946 <sup>4</sup>	1947 <sup>3</sup>	1935-39	1945 <sup>4</sup>	1946 <sup>4</sup>	1947 <sup>3</sup>			
<b>FIELD CROPS</b>																		
Wheat, per bushel.....	Dollars.....	1909-14	0.884	0.837	1.49	1.74	2.35	1.13	1.52	1.71	2.04	74	98	102	115			
Corn, per bushel.....	do.....	1909-14	.642	.691	1.10	1.41	1.87	.822	1.10	1.24	1.48	84	100	114	126			
Oats, per bushel.....	do.....	1909-14	.399	.340	.676	.773	.956	.511	.686	.770	.922	67	99	100	104			
Barley, per bushel.....	do.....	1909-14	.619	.533	1.01	1.25	1.59	.792	1.06	1.19	1.43	60	95	105	111			
Rye, per bushel.....	do.....	1909-14	.720	.554	1.23	1.81	2.42	.922	1.24	1.39	1.66	60	99	130	146			
Rice, rough, per bushel.....	do.....	1909-14	.813	.742	1.78	1.92	2.47	1.04	1.40	1.57	1.88	71	127	122	131			
Buckwheat, per bushel.....	do.....	1909-14	.730	.652	1.05	1.50	1.68	.934	1.26	1.41	1.69	71	83	106	99			
Grain sorghums, per 100 pound.....	do.....	1909-14	1.21	1.17	1.90	2.55	2.84	1.55	2.08	2.34	2.80	75	91	105	101			
Flaxseed, per bushel.....	do.....	1909-14	1.69	1.69	2.90	3.84	6.55	2.16	2.91	3.26	3.90	100	118	168	105			
Dry field peas, per 100 pound <sup>5</sup> .....	do.....	1910-14	2.09	2.11	4.20	4.90	12.20	4.31	5.80	6.54	5.12	110	122	108	105			
Beans, dry edible, per 100 pound.....	do.....	1909-14	3.37	3.52	6.38	7.95	12.20	4.31	5.80	6.54	7.78	82	110	122	157			
Soybeans, per bushel <sup>5</sup> .....	do.....	1910-14	.96	.954	2.11	2.31	3.23	1.23	1.65	1.85	2.22	78	128	125	145			
Peanuts, per pound.....	Cents.....	1909-14	4.8	3.55	8.22	8.81	9.82	6.14	8.26	9.26	11.1	58	100	95	88			
Cotton, all, per pound.....	do.....	1909-14	12.4	10.34	21.16	28.19	32.40	15.87	21.33	23.63	28.64	65	99	118	113			
Cottonseed, per ton.....	Dollars.....	1909-14	22.55	27.52	52.20	60.20	85.20	28.90	38.80	43.50	52.10	95	135	138	164			
Potatoes, per bushel <sup>8</sup> .....	do.....	1919-28	1.12	.704	1.43	1.24	1.62	.874	1.30	1.59	1.81	81	110	78	90			
Sweetpotatoes, per bushel.....	do.....	1909-14	.878	.807	2.11	2.34	2.30	1.32	1.51	1.69	2.03	72	140	138	113			
Hay, all loose, per ton.....	do.....	1909-14	11.87	8.87	15.90	15.70	16.80	15.20	20.40	22.90	27.40	58	78	69	61			
<b>FRUITS</b>																		
Apples, per bushel <sup>9</sup> .....	do.....	1909-14	.96	.90	4.72	3.16	2.68	1.23	1.65	1.85	2.22	73	165	171	121			
Grapefruit, on-tree, per box <sup>10</sup> .....	do.....	1919-28	1.25	.45	1.19	.68	.35	.98	1.49	1.82	2.05	45	80	37	17			
Lemons, on-tree, per box <sup>6</sup> .....	do.....	1919-28	2.02	1.86	4.31	2.00	1.58	1.58	2.46	3.03	3.13	118	53	66	40			
Oranges, on-tree, per box <sup>6</sup> .....	do.....	1919-28	2.29	1.01	4.60	1.24	.85	1.79	2.66	3.25	3.71	56	98	38	23			
<b>LIVESTOCK AND PRODUCTS</b>																		
Hogs, per 100 pound.....	do.....	1909-14	7.27	8.38	14.10	17.30	24.20	9.31	12.50	14.00	16.80	90	113	124	144			
Beef cattle, per 100 pound.....	do.....	1909-14	5.42	6.56	12.20	14.40	18.50	6.94	9.32	10.50	12.50	95	131	137	148			
Veal calves, per 100 pound.....	do.....	1909-14	6.75	7.80	13.30	15.10	20.30	8.64	11.60	13.00	15.60	90	115	116	130			
Sheep, per 100 pound.....	do.....	1909-14	4.53	3.93	6.44	7.30	8.41	5.80	7.79	8.74	10.50	68	83	84	80			
Lambs, per 100 pound.....	do.....	1909-14	5.88	7.79	13.20	15.40	20.40	7.53	10.10	11.30	13.60	103	131	136	150			
Butterfat, per pound <sup>11</sup> .....	Cents.....	1909-14	26.3	29.1	65.6	65.6	73.0	33.7	45.2	50.8	60.8	86	112	129	120			
Milk, whole milk, per quart <sup>12</sup> .....	Dollars.....	1909-14	1.60	1.81	3.22	4.05	4.33	2.05	2.75	3.09	3.70	88	117	131	117			
Milk, retail, per quart <sup>14</sup> .....	do.....	1909-14	6.8	10.2	17.4	15.2	17.4	8.7	11.7	13.1	15.7	117	115	116	111			
Chicken, per pound.....	do.....	1909-14	11.4	14.9	25.8	26.7	26.7	14.6	19.6	22.0	26.3	102	132	122	102			
Turkeys, per pound.....	do.....	1909-14	14.4	16.0	33.3	33.3	31.8	18.4	24.8	27.8	33.3	87	134	119	95			
Eggs, per dozen.....	do.....	1909-14	21.5	21.7	39.0	39.2	46.4	27.5	37.0	41.5	49.7	70	105	94	93			
Wool, per pound.....	do.....	1909-14	18.3	23.8	41.8	41.8	41.6	23.4	31.5	33.3	42.3	102	131	118	98			
Milk cows, per head.....	Dollars.....	1909-14	48.00	111.00	131.00	151.00	151.00	61.00	82.60	92.60	111.00	88	134	141	136			
Horses, per head.....	do.....	1909-14	36.60	88.50	63.70	57.20	56.80	173.00	235.00	264.00	316.00	51	27	22	18			
Mules, per head.....	do.....	1909-14	153.90	108.10	103.00	105.00	107.00	197.00	250.00	297.00	336.00	54	39	35	30			

See footnotes at end of table.

TABLE 663.—Farm products prices: Average prices received by farmers and parity prices, United States, 1947, with comparisons Continued

Commodity and unit	Price unit	Base data 1		Prices received 2				Parity prices 2				Actual prices as a percentage of parity					
		Period	Average price	1945		1946		1947 3		1935-39		1945 4		1946 4		1947 3	
				1935-39	1945	1946	1947 3	1935-39	1945 4	1946 4	1947 3	1935-39	1945 4	1946 4	1947 3		
<b>TOBACCO (PER POUND)</b>																	
Flue-cured, types 11-14 6	Cents	1934-38	22.9	20.5	43.6	48.3	41.2	22.7	34.4	42.1	47.9	90	127	115	86		
Flue-cured, types 21-24 6	do	1919-28	13.6	10.2	31.5	26.0	23.5	10.6	16.6	20.4	21.1	96	190	127	140		
Burley, type 31 6	do	1934-38	22.2	22.2	39.4	39.7	48.3	22.0	35.4	43.1	44.2	101	112	92	109		
Maryland, type 32 6	do	1919-28	22.9	20.4	57.0	44.5	43.3	17.9	28.9	35.3	35.7	114	197	126	121		
Dark air-cured, types 35-36 6	do	1919-28	10.9	9.2	24.7	22.4	25.6	8.5	13.5	16.6	17.00	4	108	135	151		
Sun-cured, type 37 6	do	1919-28	14.6	12.0	33.8	24.2	23.6	11.4	18.1	22.2	22.8	105	187	109	125		
Pa. seedleaf, type 41 6	do	1919-28	14.1	11.9	34.0	32.5	30.5	11.0	17.5	21.4	22.0	108	194	152	139		
Cigar filler and binder, types 42-56 6	do	1919-28	20.2	12.8	41.4	44.9	38.7	15.8	24.6	30.3	31.3	81	168	148	124		
Cigar wrapper, type 61 6	do	1919-28	97.1	79.4	220.00	240.00	270.00	75.7	113.	138.	157.	105	195	174	172		
Cigar wrapper, type 62 6	do	1919-28	60.3	69.5	150.00	220.00	245.00	47.0	69.9	85.6	97.7	148	224	257	251		
<b>SUGAR CROPS</b>																	
Sorghum sirup, per gallon 7	Cents	1919-28	87.4	46.7	144.	213.	176.	68.2	99.6	122.	142.	83	145	175	124		
Sugarcane sirup, per gallon 7	do	1909-13	46.0	53.5	93.3	155.	117.	58.4	80.0	97.5	112.	74	117	159	104		
Sugarcane for sugar, per ton 6 15	Dollars	1909-13	16 3.73	17 3.95	17 6.99	17 7.98	17 8.53	17 6.42	17 7.20	17 8.62	17 8.62	83	109	111	99		
Sugar beets, per ton 6	do	1909-13	5.50	17 6.67	17 12.70	17 13.64	17 14.40	17 7.04	17 9.46	17 10.60	17 12.70	95	134	129	113		
Maple sugar, per gallon 6	Cents	1920-29	28.1	27.9	54.6	66.3	86.8	21.9	31.8	36.8	44.1	127	172	180	197		
Maple sirup, per gallon 6	Dollars	1920-29	2.04	1.55	3.21	3.29	5.21	1.59	2.31	2.67	3.20	97	139	123	163		
<b>SEEDS</b>																	
Alfalfa, per bushel	do	1919-29	11.08	11.47	20.60	21.20	19.80	8.64	12.40	14.00	17.10	133	166	151	116		
Red clover, per bushel	do	1910-29	15.89	12.24	19.30	19.30	26.10	12.40	17.80	20.00	24.50	106	99	106	107		
Alsike clover, per bushel 6	do	1919-28	12.89	10.74	17.00	19.00	19.00	10.10	15.10	18.60	21.00	113	102	91	91		
Sweet clover, per bushel 6	do	1924-28	7.36	3.33	6.02	6.35	6.40	4.29	6.49	7.93	9.00	78	93	80	71		
Timothy, per bushel	do	1919-29	3.04	2.28	2.65	2.77	2.85	2.37	3.40	3.83	4.68	96	78	72	61		
Crinson clover, per 100 pounds 6	do	1920-29	10.19	7.58	15.40	16.80	18.30	7.95	11.70	14.20	16.40	95	132	118	112		
Sudan grass, per 100 pounds 6	do	1919-28	4.42	1.94	5.32	7.51	6.32	3.45	5.17	6.36	7.20	56	103	118	88		
Orchard grass, per 100 pounds 6	do	1919-28	12.23	9.19	20.30	11.10	9.79	10.10	15.00	18.30	20.90	96	139	61	47		
Redtop, per 100 pounds 6	do	1919-28	14.20	9.19	11.00	16.80	13.20	11.10	16.50	20.20	23.10	83	67	83	57		
White clover, per 100 pounds 6	do	1919-28	33.99	20.74	75.90	62.60	41.70	26.50	39.10	47.20	54.70	78	194	133	76		
Hairy vetch, per 100 pounds 6	do	1920-28	18 10.61	19 4.96	11.20	14.10	17.20	8.49	12.60	15.50	17.70	19 82	89	91	91		
Common ryegrass, per 100 pounds 6	do	1924-28	29 4.11	6.06	7.50	7.50	5.80	3.29	4.89	6.00	6.86	19 123	153	125	85		
Lespedeza, per 100 pounds 6	do	1924-28	29 4.11	6.06	8.66	7.81	11.50	4.87	4.89	6.00	6.86	19 123	153	125	85		
Austrian winter peas, per 100 pounds 6	do	1924-28	29 4.11	6.06	8.66	7.81	11.50	4.87	4.89	6.00	6.86	19 123	153	125	85		
<b>VEGETABLES FOR FRESH MARKET</b>																	
Artichokes, per box 8 23	do	1925-28	1.69	1.85	3.35	3.75	3.00	1.37	1.96	2.08	2.55	135	171	180	118		
Asparagus, per crate 8	do	1920-29	3.08	1.69	3.86	3.86	3.74	2.40	3.45	3.88	4.74	70	121	99	79		
Beans, lima, per bushel 8	do	1924-29	1.99	1.45	3.65	3.21	2.39	1.61	2.33	2.57	3.14	90	157	125	76		
Beans, snap, per bushel 8	do	1920-29	1.80	1.07	2.59	2.40	2.17	1.40	2.02	2.27	2.77	76	128	106	78		
Beets, per bushel 8	do	1923-29	1.60	.47	2.85	2.40	2.17	1.40	.70	.96	.96	96	121	103	84		

Cabbage, per ton \$	20.33	14.81	28.30	29.47	40.62	15.90	22.80	25.20	30.90	93	124	117	131
Cantaloups, per crate \$	1.78	1.19	2.99	3.10	3.22	1.39	1.99	2.24	2.74	86	138	118	118
Carrots, per bushel \$	.73	.66	1.28	1.35	1.75	.59	1.17	.96	1.17	4	151	141	150
Cauliflower, per crate \$	1.17	1.58	1.58	1.47	1.53	.91	1.31	1.45	1.78	73	121	101	86
Celery, per 1/2 crate \$	1.41	3.19	3.19	1.91	2.83	1.10	1.58	1.78	2.17	110	202	202	130
Corn, sweet, per 1,000 ears \$	21 18.38	10.12	31.69	30.12	22.68	14.90	21.30	23.90	29.20	68	149	126	78
Cucumbers, per bushel \$	1.49	.62	2.49	2.53	2.19	1.16	1.67	1.88	2.29	79	149	127	90
Eggplant, per bushel \$	1.22	.98	1.93	1.39	1.86	.99	1.42	1.89	1.94	63	136	96	96
Garlic, per 100-pound sack \$	(25) 4.42	3.38	18.25	13.67	9.70	.31	.49	.83	.66	88	133	160	91
Kale, per bushel \$ 20	.42	.30	6.65	8.85	6.60	.29	.85	2.03	2.51	115	198	127	127
Lettuce, per crate \$	1.65	1.48	2.93	2.60	3.18	.83	1.21	1.42	1.67	67	137	63	102
Onions, per 50-pound sack \$	1.06	.56	1.66	.89	1.70	.53	1.21	1.42	1.93	187	118	85	74
Peas, green, per bushel \$	1.29	1.16	2.52	2.04	2.17	1.48	2.13	2.39	2.93	78	137	107	114
Peppers, green, per bushel \$	1.29	.72	2.03	1.80	2.34	.04	1.50	1.68	2.05	69	135	107	114
Shallots, per bu. \$ 27	1.18	1.76	1.66	1.80	1.99	1.37	1.48	1.82	1.82	28 79	121	128	109
Spinach, per bushel \$	.60	.42	.91	.79	.91	.47	.67	.73	.90	89	136	108	101
Tomatoes, per bushel \$	1.88	1.24	4.31	2.87	3.02	1.47	2.11	2.37	2.90	84	157	121	104
Watermelons, per 1,000 \$	181.00	112.00	410.00	384.00	312.00	141.00	203.00	228.00	279.00	79	202	168	112

  

VEGETABLES FOR PROCESSING													
Asparagus, per ton \$	23 84.00	77.97	163.19	179.27	143.91	65.50	94.10	106.00	129.00	119	173	169	112
Beans, lima (shelled) per ton \$ 10	(29) 63.61	43.61	118.93	126.90	140.84	48.00	69.00	77.60	94.80	93	151	152	106
Beans, snap, per ton \$ 10	61.58	44.51	104.23	117.76	100.93	48.00	69.00	77.60	94.80	93	151	152	106
Beets, per ton \$ 10	(29) 11.38	11.38	18.58	18.58	19.58	6.84	9.82	11.10	13.50	120	136	118	126
Cabbage, per ton \$	8.77	8.18	13.31	13.14	16.97	11.00	15.80	17.80	21.70	90	122	112	95
Corn, sweet, per ton \$	14.11	9.89	19.21	19.85	20.67	11.00	15.80	17.80	21.70	90	122	112	95
Cucumbers, per bushel \$	.99	.57	1.18	1.40	1.30	.77	1.11	1.25	1.52	74	106	112	86
Peas, green (shelled), per ton \$	58.90	51.22	83.25	86.13	87.30	45.90	66.00	74.20	90.70	112	126	116	96
Pimientos, per ton \$	39.08	31.06	60.00	60.10	60.10	31.70	45.70	51.20	62.50	98	131	117	96
Spinach, per ton \$	21.33	14.36	50.67	42.57	37.22	16.60	23.90	26.80	32.80	87	212	158	113
Tomatoes, per ton \$	14.98	12.40	27.55	30.42	28.61	11.70	16.80	18.90	23.10	106	164	161	124

  

FRUITS													
Apples, per ton:	18.33	9.65	107.00	76.60	56.50	14.30	21.80	26.80	30.10	67	491	286	188
For canning \$	10.42	7.50	62.50	43.80	11.70	13.20	19.00	22.90	25.70	57	329	191	46
For drying \$ 23													
Apricots, per ton:	40.24	48.70	149.00	140.00	121.00	51.50	70.40	83.30	96.60	95	212	168	125
For fresh use \$	42.20	34.80	109.00	96.50	72.60	54.00	74.30	89.00	102.00	64	147	108	71
For canning \$	191.80	209.00	632.00	600.00	480.00	246.00	339.00	412.00	497.00	85	186	146	96
Dried \$ 23	534.00	127.00	275.00	383.00	353.00	678.00	662.00	817.00	854.00	19	42	47	47
Avocados, per ton \$ 10		3.1	13.3	16.4	9.1	4.7	6.7	7.6	9.2	66	199	216	99
Blackberries, per pound \$ 30	6.0	3.1	13.3	16.4	9.1	4.7	6.7	7.6	9.2	66	199	216	99
Boysenberries, per pound \$ 30	(a) 5.0	5.0	12.9	20.7	8.4								
Cherries, per ton:													
Sour \$	134.17	56.50	260.00	301.00	199.00	107.00	160.00	193.00	223.00	53	162	156	89
Sweet \$ 23	163.34	102.00	272.00	280.00	236.00	131.00	193.00	230.00	270.00	78	141	122	95
Cranberries, per barrel \$	6.31	11.10	4 20.90	31.90	20.40	8.01	11.50	13.90	15.60	139	182	229	131
Dates, per ton \$ 10 \$ 23	309.60	112.00	398.00	185.00	94.00	393.00	381.00	464.00	523.00	28	104	40	180
Figs, per ton:													
For fresh use \$ 23	100.78	52.70	180.00	211.00	168.00	80.60	120.00	145.00	167.00	65	150	146	101
For canning \$	86.92	62.00	128.00	133.00	109.00	69.50	107.00	130.00	147.00	89	120	102	74
Dried \$ 23	99.00	66.20	273.00	278.00	124.00	77.20	118.00	145.00	162.00	86	231	192	77
Gooseberries, per pound \$ 30	5.0	4.2	8.6	9.4	4.1	3.9	5.6	6.3	7.7	108	184	149	53

See footnotes at end of table.



	1924-28	1919-28	14.74	4 12.28	29.30	34.20	33.50	11.80	17.20	21.40	104	170	160	135
MISCELLANEOUS CROPS														
Velvetbeans, per ton <sup>1</sup>	125.22	125.22	14.74	4 85.81	259.00	292.00	301.00	97.70	147.00	180.00	88	176	162	148
Broomcorn, per ton <sup>2</sup>														
Cotton, a American Egyptian, per pound <sup>3</sup>	37.49	22.90	42.51	3.88	4.56	45.79	61.60	30.37	45.36	58.86	75	94	82	97
Cowpeas, per bushel	2.56	1.47	3.88			4.22	4.56	2.00	2.87	3.23	74	135	131	116
Gum rosin, all grades, per 100 pounds <sup>4</sup>	42 2.43	2.50	4 6.50			7.43	7.83	3.11	4.23	4.93	80	154	151	135
Gum turpentine, per gallon, bulk basis <sup>5</sup>	46.2	26.1	47 9.1			96.7	62.7	59.1	80.4	93.8	44	98	103	57
Hops, per pound <sup>6</sup>	232	201	232			.694	.705	.297	.399	.448	68	172	155	132
Peas, for oil, per pound <sup>7</sup>	2.35	2.30	2.35			6.36	6.94	2.98	4.28	5.17	77			
Peppermint oil, per pound <sup>8</sup>	1.97	1.97	1.97			3.51	4.79	2.46	3.70	4.01	79	98	70	92
Popcorn, per 100 pounds <sup>9</sup>	3.16	1.95	3.69			5.61	5.57	7.96	11.60	14.30	81	103	102	105
Spearmin oil, per pound <sup>10</sup>	1.51	1.51	1.51			14.60	17.30							
Sweet-sorghum forage, per ton <sup>11</sup>	10.21	6.46	12.00											
MISCELLANEOUS LIVESTOCK PRODUCTS														
Beeswax, per pound <sup>12</sup>	31.2	20.1	41.3			44.4	43.8	24.3	34.9	39.3	83	118	113	91
Honey, wholesale lots, per pound: Extracted <sup>13</sup>	11.0	6.0	14.6			20.9	21.4	8.6	12.3	13.9	70	119	150	127
Comb <sup>14</sup>	19.5	13.8	24.8			31.6	31.8	15.2	21.8	24.6	91	114	128	106
Mothair, per pound <sup>15</sup>	27.5	45.2	55.3			61.1	60.2	35.2	49.5	55.6	128	112	110	89

<sup>1</sup> Unless otherwise specified, the base period begins with August in 1945 and July in 1947. Parity prices of sugarcane and sugar beets are derived by multiplying the base price by the average of parity index for the calendar year.

<sup>2</sup> Simple averages for the calendar year, unless otherwise noted.

<sup>3</sup> Preliminary (based on information available through August 1948).

<sup>4</sup> Revised.

<sup>5</sup> Base period prices derived. Comparable prices shown in parity columns are established under section 4 (a) of Public Law No. 347.

<sup>6</sup> Season average prices for the periods designated. State averages weighted by sales to obtain United States average. Parity or comparable prices are straight averages of monthly parities for the crop marketing season.

<sup>7</sup> December 1 prices for the periods designated. State averages weighted by production to obtain United States average. Parity prices are straight averages of monthly parities for the crop marketing season.

<sup>8</sup> Primarily for fresh use.

<sup>9</sup> Formerly calculated as comparable price under provision of Price Control Act which expired June 30, 1947.

<sup>10</sup> Does not include dairy production payments for butterfat in cream paid prior to July 1946.

<sup>11</sup> Parity prices, with base periods August 1919-July 1929 or a part thereof, can also be calculated for milk in each of the markets in which Federal Milk Marketing orders or agreements are in effect.

<sup>12</sup> Does not include dairy production payments paid prior to July 1946.

<sup>13</sup> Retailed by farmers directly to consumers.

<sup>14</sup> Continental United States only; Hawaii and Puerto Rico not included.

<sup>15</sup> Louisiana and Texas only.

<sup>16</sup> Actual prices include Government payments to farmers authorized by the Sugar Act of 1937 as follows: Sugarcane, 1935-39 average \$0.90; 1945, \$1.82; 1946 and 1947, \$1.36; and crop assistance payments of \$1.45 per ton in 1945.

<sup>17</sup> Sugar beets, 1935-39 average \$1.37; 1945, \$2.50; 1946, \$2.44; 1947, \$2.50; and special support payments of approximately \$2.12 per ton in 1945 and \$1.20 per ton in 1947.

<sup>18</sup> Multiplying the base price by the average of parity index for the calendar year.

<sup>19</sup> 7-season average, 1920-28, excluding 1924 and 1926 for which data were not available.

<sup>20</sup> 5-season average, 1936-40.

<sup>21</sup> Average of 4 seasons 1924-28, except 1927 for which data were not available.

<sup>22</sup> No data available prior to 1935.

<sup>23</sup> No data available prior to 1936.

<sup>24</sup> California only.

<sup>25</sup> New Jersey only; data not available for other States.

<sup>26</sup> No data available prior to 1932.

<sup>27</sup> Louisiana only.

<sup>28</sup> Virginia only.

<sup>29</sup> Three-season average, 1937-39.

<sup>30</sup> No data available within base period.

<sup>31</sup> Washington and Oregon berries only; primarily for processing.

<sup>32</sup> No data available prior to 1930.

<sup>33</sup> Average price of sweet cherries for fresh use and processing; data not available to show break-down according to use.

<sup>34</sup> Nine-season average, 1919-28, excluding 1927 for which data were not available.

<sup>35</sup> California peaches for fresh use and average prices for all peaches in other States combined.

<sup>36</sup> Data for dried peaches relate only to freestone peaches in the base period, but prices in other periods apply to clingstone and freestone peaches combined.

<sup>37</sup> Pacific coast pears for fresh use and average for all pears in other States combined.

<sup>38</sup> Oregon, Washington, and Louisiana strawberries for fresh use and prices of all strawberries in other States combined.

Footnotes continued at bottom of page 582.

TABLE 664.—Farm-to-retail price spreads and marketing charges for farm food products, 1929-47<sup>1</sup>

Year	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Marketing margin <sup>4</sup>	Government marketing taxes (-) and payments (+) <sup>5</sup>	Marketing charges <sup>6</sup>	Farmer's share of consumer's dollar <sup>7</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Cents
1929.....	435	183	252	0	252	42
1930.....	421	165	256	0	256	39
1931.....	339	121	218	0	218	36
1932.....	284	92	192	0	192	32
1933.....	276	89	187	-2	185	32
1934.....	311	107	204	-8	196	34
1935.....	347	138	209	-9	200	40
1936.....	349	143	206	0	206	41
1937.....	362	156	206	0	206	43
1938.....	328	128	200	0	200	39
1939.....	316	122	194	0	194	39
1935-39 average.....	340	137	203	-2	201	40
1940.....	317	128	189	0	189	40
1941.....	347	154	193	0	193	44
1942.....	407	196	211	0	211	48
1943.....	458	236	222	+5	227	52
1944.....	450	237	213	+12	225	53
1945.....	459	247	212	+16	228	54
1946.....	528	283	245	+9	254	54
1947.....	643	344	299	0	299	53

<sup>1</sup> These estimates are calculated in terms of a market basket of farm food products, containing quantities equivalent to 1935-39 annual average purchases per family of three average consumers. The market basket total is broken down into six major commodity groups, as shown in the succeeding table. Quantities of foods valued in these series do not change from year to year.

<sup>2</sup> Retail costs of the market basket and commodity groups are calculated from prices estimated to represent average cost to all purchasing consumers in the United States. These are based principally upon retail price series published by the Bureau of Labor Statistics and the Bureau of Agricultural Economics, with supplementary adjustments.

<sup>3</sup> Farm value is calculated from official series showing prices received by farmers applied to quantities of farm products equivalent to retail purchases and is adjusted by subtracting an imputed value at the farm level of nonfood by-products obtained in processing. No adjustment is made for various Government payments to producers.

<sup>4</sup> The marketing margin is the spread or difference between retail cost to consumers and payments to farmers for equivalent produce, less imputed value of by-products.

<sup>5</sup> For the quantities of products included in the market basket, total Government taxes levied upon processors and other marketing agencies are denoted by a minus sign, while total payments to marketing agencies are denoted by a plus sign.

<sup>6</sup> Marketing charges equal the marketing margin, minus Government marketing taxes, plus Government marketing payments, and represent total payments to marketing agencies for their services.

<sup>7</sup> The farmer's share of the consumer's dollar spent for farm food products is obtained by expressing the farm value as a percentage of retail cost. The remainder of the consumer's dollar goes to pay the marketing margin and does not include Government payments to marketing agencies but does include Government taxes on these agencies.

Bureau of Agricultural Economics. Data for 1913-28 in Agricultural Statistics, 1946, table 628.

## Footnotes for Table 663.—Continued

<sup>38</sup> Oregon, Washington, and Louisiana only.

<sup>39</sup> Oregon only.

<sup>40</sup> Nov. 1 price, 1922; Dec. 1 price, 1923-28.

<sup>41</sup> Savannah market prices; prices received by farmers not available.

<sup>42</sup> Simple average of each grade, August 1909-July 1914, weighted by sales of each grade 1909-12 seasons; data not available for marketing in 1913 season.

<sup>43</sup> Open market price.

Bureau of Agricultural Economics.

Parity prices of agricultural commodities were first computed to interpret quantitatively the progress of the effort to restore farm purchasing power under the Agricultural Adjustment Act of 1933. Assuming no changes in the efficiency of production, parities may be defined as "fair exchange values" which will maintain the same relationship between the prices of agricultural commodities and prices of articles farmers buy as existed in some base period, usually August 1909-July 1914. Subsequent acts have altered this concept but little. The basis for the determination of parity prices of most basic commodities was extended by law in 1935 to include interest and taxes per acre. Comparable prices determined under Section 4 (a) of Public Law No. 147 have been substituted for parity prices for three commodities where the production or consumption of the commodity had so changed in character since the base period as to result in a price out of line with parity prices for basic commodities. Parity prices are now published for some 13 other commodities for which comparable prices were formerly calculated under Section 3 (b) of the Emergency Price Control Act of 1942, which expired June 30, 1947. Parity prices are calculated by multiplying the price in the base period by the "current index of prices paid, interest, and taxes" (when the 1909-14 base is used) and dividing by 100. Where a post-war base is designated (e.g., 1919-29) the "index of prices paid, excluding interest and taxes" adjusted to the base 1919-29=100 is employed in the computation. Comparable prices are calculated similarly after an adjustment in the base price has been made to bring the result in line with parity prices of basic commodities.

The average number of pounds per box, per crate, or other unit is given on pages 4 and 5 of this book.

TABLE 665.—Farm-to-retail price spreads and marketing charges by major food commodity groups, averages 1921-30 and 1935-39, annual 1943-47<sup>1</sup>

Commodity group and year	Retail cost <sup>2</sup>	Net farm value adjusted for by-products <sup>3</sup>	Margin adjusted for by-products <sup>4</sup>	Government marketing taxes (-) <sup>5</sup>	Government marketing payments (+) <sup>5</sup>	Marketing charges (adjusted margin) <sup>6</sup>	Farm-er's share <sup>7</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Percent
<b>Meat products:</b>							
1921-30 average.....	98.90	50.83	48.07	-----	-----	48.07	51
1935-39 average.....	88.09	46.35	41.74	-1.09	-----	40.65	53
1943.....	106.91	75.34	31.57	-----	+3.61	35.18	70
1944.....	101.47	73.98	27.49	-----	+6.42	33.91	73
1945.....	100.31	76.75	23.56	-----	+9.47	33.03	77
1946.....	128.92	94.84	44.08	-----	+6.04	40.12	74
1947.....	184.68	130.87	53.81	-----	-----	53.81	71
<b>Dairy products:</b>							
1921-30 average.....	82.97	42.63	40.34	-----	-----	40.34	51
1935-39 average.....	67.27	33.47	33.80	-----	-----	33.80	50
1943.....	88.95	50.92	38.03	-----	+1.61	39.64	57
1944.....	88.34	51.84	36.50	-----	+2.61	39.11	59
1945.....	88.76	52.02	36.74	-----	+2.30	39.04	59
1946.....	108.12	64.62	43.50	-----	+ .12	43.62	60
1947.....	121.57	73.72	47.85	-----	-----	47.85	61
<b>Poultry and eggs:</b>							
1921-30 average.....	37.00	24.75	12.25	-----	-----	12.25	67
1935-39 average.....	26.47	17.56	8.91	-----	-----	8.91	66
1943.....	41.77	30.58	11.19	-----	-----	11.19	73
1944.....	40.51	28.20	12.31	-----	-----	12.31	70
1945.....	42.91	31.61	11.30	-----	-----	11.30	74
1946.....	45.49	32.08	13.41	-----	-----	13.41	71
1947.....	51.85	35.40	16.45	-----	-----	16.45	68
<b>Bakery and other cereal products:</b>							
1921-30 average.....	63.13	15.32	47.81	-.01	-----	47.80	24
1935-39 average.....	55.09	11.39	43.70	-.66	-----	43.04	21
1943.....	61.77	17.55	44.22	-.05	+ .21	44.38	28
1944.....	63.62	19.15	44.47	-.05	+1.88	46.30	30
1945.....	63.89	19.86	44.03	-.05	+2.77	46.75	31
1946.....	72.92	23.12	49.80	-.05	+1.76	51.51	32
1947.....	89.90	30.66	59.24	-.05	+ .01	59.20	34
<b>Fruits and vegetables, fresh and processed:</b>							
1921-30 average.....	112.60	36.13	76.47	-----	-----	76.47	32
1935-39 average.....	77.58	23.91	53.67	-----	-----	53.67	31
1943.....	126.24	54.27	71.97	-----	+ .24	72.21	43
1944.....	123.89	55.34	68.55	-----	+1.09	69.64	45
1945.....	130.65	57.69	72.96	-----	+1.31	74.27	44
1946.....	135.20	57.77	77.43	-----	+ .90	78.33	43
1947.....	144.58	59.90	84.68	-----	-----	84.68	43
<b>Miscellaneous food products:</b>							
1921-30 average.....	32.24	6.25	25.99	-.06	-----	25.93	19
1935-39 average.....	25.97	4.77	21.20	-.24	-----	20.96	18
1943.....	32.62	8.14	24.48	-.32	+ .16	24.32	25
1944.....	32.38	8.90	23.48	-.33	+ .44	23.59	27
1945.....	32.19	9.22	22.97	-.33	+ .66	23.30	29
1946.....	37.06	10.10	26.96	-.33	+ .45	27.08	27
1947.....	50.31	13.31	37.00	-.33	+ .03	36.70	26

<sup>1</sup> These estimates are calculated in terms of a market basket of farm food products, containing quantities equivalent to 1935-39 annual average purchases per family of three average consumers. The market basket total is broken down into six major commodity groups, as shown in the succeeding table. Quantities of foods valued in these series do not change from year to year.

<sup>2</sup> Retail costs of the market basket and commodity groups are calculated from prices estimated to represent average cost to all purchasing consumers in the United States. These are based principally upon retail price series published by the Bureau of Labor Statistics and the Bureau of Agricultural Economics, with supplementary adjustments.

<sup>3</sup> Farm value is calculated from official series showing prices received by farmers applied to quantities of farm products equivalent to retail purchases and is adjusted by subtracting an imputed value at the farm level of nonfood by-products obtained in processing. No adjustment is made for various Government payments to producers.

<sup>4</sup> The marketing margin is the spread or difference between retail cost to consumers and payments to farmers for equivalent produce, less imputed value of by-products.

<sup>5</sup> For the quantities of products included in the market basket, total Government taxes levied upon processors and other marketing agencies are denoted by a minus sign, while total payments to marketing agencies are denoted by a plus sign.

<sup>6</sup> Marketing charges equal the marketing margin, minus Government marketing taxes, plus Government marketing payments, and represent total payments to marketing agencies for their services.

<sup>7</sup> The farmer's share of the consumer's dollar spent for farm food products is obtained by expressing the farm value as a percentage of retail cost. The remainder of the consumer's dollar goes to pay the marketing margin and does not include Government payments to marketing agencies but does include Government taxes on these agencies.

TABLE 666.—Index numbers of prices received by farmers, by groups, United States, 1929-47<sup>1</sup>

[August 1909-July 1914=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruits	Truck crops	All crops	Meat animals	Dairy products	Poultry and eggs	Wool	Livestock and live-stock products	All farm products
1929.....	116	119	144	174	133	125	137	135	160	164	161	171	161	149
1930.....	93	107	100	142	102	146	129	119	135	142	128	116	136	128
1931.....	57	74	61	100	71	91	115	79	93	111	99	78	99	90
1932.....	45	48	47	86	41	73	102	60	65	86	81	53	74	68
1933.....	66	57	66	109	52	70	91	72	61	87	74	98	72	72
1934.....	91	95	97	159	95	88	95	98	70	101	89	121	84	90
1935.....	97	107	94	174	120	82	119	102	116	114	116	107	115	109
1936.....	108	102	95	165	112	92	104	107	118	125	114	146	120	114
1937.....	120	125	90	204	120	104	110	115	132	130	110	166	127	122
1938.....	75	71	67	176	88	70	88	80	115	114	108	107	113	97
1939.....	72	69	70	155	90	68	91	80	112	110	95	125	108	95
1940.....	84	82	77	136	96	73	111	88	111	119	96	155	112	100
1941.....	97	89	107	159	130	85	129	106	146	139	121	192	140	124
1942.....	120	111	149	252	172	114	163	142	188	162	151	216	173	159
1943.....	148	147	160	325	190	179	245	183	209	193	190	223	200	192
1944.....	165	166	164	354	209	215	212	194	200	198	174	222	194	195
1945.....	172	161	171	366	215	220	224	201	210	197	196	224	203	202
1946.....	201	195	228	382	244	226	204	226	256	242	198	225	240	233
1947.....	271	246	261	380	335	194	249	261	340	269	221	219	293	278

<sup>1</sup>A discussion of the construction of this index and the monthly index numbers through 1943 was published in Index Numbers of Prices Received by Farmers, 1910-43, issued February, 1944 (processed).

Bureau of Agricultural Economics. Compiled from prices reported to the Department of Agriculture by dealers purchasing agricultural commodities in local farm markets. The price series for individual commodities are averages for all classes and grades of the commodity being sold in local farm markets on or about the 15th of each month. They are weighted by average sales for the 5 years, 1935-39. These data are published monthly in Agricultural Prices. Annual data for 1910-28 in Agricultural Statistics, 1946, table 607.



TABLE 667.—Index numbers of prices paid by farmers, United States, 1929-47

[Calendar years 1910-14=100]

Year	Commodities used in production							Commodities used in family maintenance							
	Feed	Farm machinery <sup>1</sup>	Fertilizer	Building materials for other than house	Equipment and supplies	Seed <sup>2</sup>	All commodities bought for use in production	Food	Clothing	Operating expenses	Furniture and furnishings	Building materials for house	All commodities bought for use in family maintenance	All commodities bought for use in production and family maintenance	All commodities bought, including interest and taxes
1929.....	145	152	130	159	136	185	147	149	177	127	188	170	159	154	167
1930.....	132	152	126	155	131	174	141	137	167	122	179	166	150	146	160
1931.....	93	150	115	139	116	152	123	109	142	110	153	149	128	126	141
1932.....	69	142	99	126	107	102	109	90	115	103	128	134	108	108	124
1933.....	77	138	96	129	103	95	108	95	114	102	126	138	108	108	120
1934.....	106	144	104	146	109	140	123	108	131	106	136	155	122	122	129
1935.....	114	146	102	145	108	154	127	120	126	106	136	152	124	125	130
1936.....	113	149	96	146	110	142	125	116	125	106	134	154	123	124	127
1937.....	131	154	102	156	114	192	136	120	131	109	142	164	128	131	133
1938.....	92	158	100	148	114	158	125	108	126	108	137	155	122	123	126
1939.....	92	154	100	148	110	130	122	108	124	106	134	156	120	121	124
1940.....	101	152	97	150	110	130	124	108	126	105	136	159	121	122	125
1941.....	109	156	100	162	115	124	131	121	139	109	146	172	131	131	132
1942.....	135	164	111	178	126	190	149	145	172	117	168	186	154	152	150
1943.....	162	169	120	189	134	242	163	164	190	121	188	197	170	167	162
1944.....	178	173	121	204	140	271	173	166	205	127	202	213	178	176	169
1945.....	176	176	121	209	142	281	174	168	220	129	219	221	185	180	172
1946.....	210	182	124	234	146	294	192	198	249	138	246	250	210	202	193
1947.....	253	204	136	320	163	349	233	247	287	154	278	350	255	246	231

<sup>1</sup> Excluding motor vehicles.<sup>2</sup> 1912-14=100.

Bureau of Agricultural Economics. Compiled from prices reported to the Department of Agriculture by retail dealers throughout the United States. The prices used in constructing the above index numbers of prices paid by farmers are for constant quantities and sizes but are not adjusted for changes in quality.

The index numbers include only commodities bought by farmers, the commodities being weighted according to purchases reported by farmers in farm-management and rural-life studies from 1924 to 1929. These data are published monthly in *Agricultural Prices*. Annual data for 1910-28 in *Agricultural Statistics*, 1946, table 606.

TABLE 668.—Prices paid by farmers for commodities used for family living, United States, average 1935-39, annual 1942-47

Commodity and unit	Average 1935-39 <sup>1</sup>	1942 <sup>1</sup>	1943 <sup>1</sup>	1944 <sup>1</sup>	1945 <sup>1</sup>	1946 <sup>1</sup>	1947
<b>Food:</b>							
Sugar, per 10-pound bag.....	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Flour, per 25-pound sack.....	0.560	0.713	0.716	0.708	0.711	0.821	1.04
Bread, white, loaf, per pound.....	.915	1.03	1.26	1.33	1.33	1.60	2.11
Corn, meal per pound.....	.0878	.0928	.0937	.0948	.0952	.110	.130
Rolled oats, packaged, per pound.....	.0266	.0304	.0435	.0509	.0511	.0632	.0720
Rice, packaged, per pound.....	.0692	.0818	.0838	.0912	.0990	.105	.116
Bacon, sliced, per pound.....	.0745	.114	.122	.126	.127	.146	.186
Round steak, per pound.....	.342	.365	.407	.391	.400	.506	.769
Pork loin, per pound.....	.279	.389	.424	.398	.399	.468	.666
Lard, per pound.....	.262	.362	.377	.355	.362	.438	.642
Butter, per pound package.....	.148	.184	.199	.195	.198	.270	.341
Cheese, American, per pound.....	.344	.458	.510	.497	.507	.700	.829
Coffee, per pound.....	.253	.352	.393	.402	.403	.522	.555
Tea, Orange Pekoe, per pound.....	.215	.288	.323	.318	.323	.382	.489
Oranges, 216's, per dozen.....	.706	.965	1.06	1.05	1.06	1.06	1.08
Lemons, 360's, per dozen.....	.282	.319	.402	.410	.429	.419	.384
Bananas, per pound.....	.313	.315	.380	.381	.374	.364	.458
Apples, fresh, per pound.....	.0643	.103	.130	.126	.118	.124	.159
Vinegar, per gallon.....	.0492	.0640	.0986	.110	.129	.132	.128
Raisins, packaged, per pound.....	.289	.309	.342	.394	.423	.488	.518
Salt, packaged, per pound.....	.0988	.138	.159	.157	.156	.240	.232
	.0263	.0362	.0368	.0379	.0388	.0420	.0473
<b>Clothing and dry goods:</b>							
Suits, wool, 1 pair pants, each.....	19.30	25.90	28.30	29.60	30.90	33.80	38.50
Extra trousers, wools, per pair.....	3.73	5.45	6.10	6.76	7.20	8.33	9.62
Trousers, cotton, per pair.....	1.46	2.13	2.39	2.56	2.64	3.11	3.44
Overalls, per pair.....	1.22	1.76	1.88	1.98	2.10	2.68	3.26
Shirts, cotton, work, each.....	.695	1.06	1.23	1.40	1.54	1.72	1.87
Socks, cotton, work, per pair.....	.135	.173	.188	.195	.201	.222	.265
Undershirts or shorts, each.....	.281	.356	.405	.468	.497	.610	.689
Union suits, cotton, heavy, each.....	1.10	1.42	1.54	1.61	1.69	2.18	2.38
Work gloves, canvas, per pair.....	.154	.225	.247	.256	.256	.329	.371
Shoes, work, men's, per pair.....	2.47	3.27	3.68	3.91	4.16	4.74	5.73
Boots, rubber, knee-length, per pair.....	2.89	3.51	3.76	4.00	4.23	4.56	4.98
Hats, felt, men's, each.....	2.44	3.37	3.83	4.42	4.83	6.00	6.29
Dresses, house, percale, each.....	1.02	1.56	1.88	2.24	2.62	2.96	3.22
Step-ins or panties, rayon, per pair.....	.333	.421	.508	.681	.774	.851	.784
Shoes or oxfords, women's, per pair.....	2.47	3.00	3.29	3.44	3.66	4.07	4.88
Muslin, unbleached, per yard.....	.109	.159	.179	.187	.194	.221	.352
Percale, per yard.....	.170	.266	.290	.301	.318	.342	.488
<b>Operating expense:</b>							
Coal, hard, per ton.....	14.00	14.80	15.40	15.80	16.60	18.50	19.80
Coal, soft, per ton.....	8.38	9.45	9.84	10.10	10.40	11.60	13.40
Firewood, per cord.....	5.41	6.80	7.96	8.70	9.10	10.00	10.60
Soap, laundry, per bar.....	.0478	.0518	.0529	.0545	.0582	.0810	.112
Soap, toilet, per cake.....	.0561	.0652	.0675	.0680	.0692	.0832	.112
Starch, laundry, per pound.....	.0996	.104	.104	.104	.104	.114	.128
Brooms, house, each.....	.508	.589	.718	1.06	1.19	1.16	1.17
<b>Furniture and furnishings:</b>							
Rugs, Axminster, 9 by 12 feet, each.....	31.60	41.90	44.90	47.40	51.20	57.90	67.00
Rugs, felt-base, 9 by 12 feet, each.....	6.36	6.49	6.87	7.13	7.29	8.06	10.20
Chairs, dining-room, oak, each.....	2.34	3.02	3.30	3.73	4.20	4.76	5.24
Tables, dining-room, 42 by 45 inches, each.....	18.70	23.40	26.30	28.60	30.20	34.40	40.50
Living-room suites, 2-piece, each.....	65.00	83.50	102.00	116.00	137.00	156.00	165.00
Kitchen cabinets, each.....	27.10	33.50	38.20	41.60	45.60	49.80	54.20
Stoves, 6-hole kitchen range, each.....	63.30	75.80	78.50	79.60	84.20	93.90	104.00
Dressers, with mirror, each.....	16.80	21.30	24.00	27.20	30.20	35.10	38.20
Bedsteads, metal, double, each.....	6.64	8.21	9.34	10.70	11.50	12.00	12.80
Mattresses, 54-inch, felted cotton, each.....	9.92	12.90	16.00	17.70	18.70	21.60	23.40
Bedsprings, double, sagless, each.....	7.28	9.66	10.70	10.40	10.50	11.80	13.90
Blankets, double, cotton, each.....	1.64	2.11	2.32	2.54	2.80	3.62	3.83
Sheets, medium quality, 81 by 90 inches, each.....	.972	1.36	1.62	1.80	1.93	2.28	2.82
Comforters, cotton, each.....	2.61	4.11	4.78	5.14	5.50	6.42	6.91
Toweling, 18-inch, cotton, bleached, per yard.....	.155	.165	.191	.212	.238	.282	.335
Dinner plates, plain, per 1/2 dozen.....	.729	.774	.822	.824	.835	.886	.946
Fruit jars, Mason, per dozen.....	.840	.816	.811	.798	.794	.799	.850
<b>Building materials for house:</b>							
Flooring, yellow pine, per M board feet.....	70.70	75.80	81.70	89.90	93.00	106.00	173.00
Bevel siding, pine and cedar, per M board feet.....	46.50	58.60	62.40	67.00	69.40	78.90	135.00
Windows, house, double-hung, each.....	6.56	8.38	8.67	9.18	9.59	11.00	14.70
Doors, Nos. 1 and 2, combined, each.....	4.27	5.12	5.34	5.67	5.90	6.90	10.30
Laths, 48-inch, per bunch of 50.....	.461	.520	.556	.596	.612	.702	1.09
Wire screen, 12-mesh, 30 inches wide, per foot.....	.0750	.0793	.0837	.0836	.0858	.0942	.127

<sup>1</sup> Prices reported for different specifications adjusted, where necessary, to current basis of reporting.<sup>2</sup> 1937-39 average.<sup>3</sup> 1935-38 average.

Bureau of Agricultural Economics. Data for 1939-41 in Agricultural Statistics, 1945, table 568.

TABLE 669.—Prices paid by farmers for commodities used for farm production, United States, average 1935-39, annual 1942-47

Commodity and unit	Average 1935-39 <sup>1</sup>	1942	1943	1944	1945	1946	1947
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
<b>Building and fencing material:</b>							
2 by 4 inch-16 feet, fir and pine, per M board feet <sup>2</sup>	43.70	55.70	60.70	69.00	72.00	82.00	109.00
Boards, rough, per M board feet <sup>2</sup>	42.80	54.30	59.80	67.50	70.30	78.60	99.70
Shiplap, pine, per M board feet <sup>2</sup>	40.60	53.40	60.60	70.50	74.80	85.00	114.00
Siding, drop, pine and fir, per M board feet	57.80	72.50	78.60	85.50	88.00	102.00	160.00
Windows, barn, 4-light (9 by 12 inches), each	1.13	1.42	1.48	1.49	1.43	1.62	2.22
Shingles, wood, per 100 square feet <sup>2</sup>	5.19	6.40	6.89	7.57	7.72	8.73	14.70
Roofing, composition, per 100 square feet	2.37	2.40	2.46	2.49	2.51	2.67	3.04
Roofing, steel, galvanized, per 100 square feet	5.07	6.42	6.74	6.73	6.77	7.34	9.44
Brick, common, per 1,000 <sup>2</sup>	21.40	23.20	24.10	26.00	28.60	32.80	37.00
Cement, Portland, bag of 94 pounds <sup>2</sup>	.757	.754	.763	.766	.786	.826	.927
Nails, 8d, per pound <sup>3</sup>	.0528	.0648	.0656	.0648	.0652	.0752	.0954
Paint, ready-mixed, per gallon <sup>2</sup>	2.92	3.18	3.23	3.26	3.29	3.61	5.19
Pumps, lift, each	10.50	13.70	14.70	14.90	15.20	16.50	18.90
Windmills, each	<sup>3</sup> 49.60	54.60	58.60	59.80	61.60	61.50	72.00
Fence-posts, steel, 84 inches, each	.420	.469	.498	.535	.544	.572	.710
Fence-posts, wood, 4-in. diameter, each	.259	.327	.376	.412	.423	.471	.524
Poultry netting, bale	5.02	5.51	5.59	5.34	5.31 <sup>2</sup>	5.66	6.42
Barbed wire, galvanized, 2-point, spool, 80 rods	3.40	4.14	4.12	4.38	4.40	4.77	6.24
Gates, galvanized iron, 14-foot, each	<sup>3</sup> 10.60	12.50	13.10	13.60	14.00	15.30	18.10
<b>Farm machinery:</b>							
Tractors, rubber tires, 20-29 hp, each	1,160.00	1,140.00	1,160.00	1,180.00	1,200.00	1,340.00	1,500.00
Separator, cream, 500-pound, each	91.70	96.60	98.40	101.00	104.00	109.00	117.00
Engine, gas, 1½ horsepower, each	70.20	74.40	75.60	75.50	76.30	78.40	85.00
Trucks, farm, steel wheels, each	63.20	73.40	75.80	80.70	83.40	90.00	105.00
Wagons, farm, double, each	85.70	97.20	103.00	106.00	107.00	118.00	138.00
Wagon boxes, each	30.60	37.30	39.20	40.20	42.30	45.40	57.00
Feed grinders, power type, 8 inches, each	51.40	61.30	62.60	63.00	64.10	70.00	71.90
Hammer mill, 10-20 horsepower, complete, each	142.00	145.00	144.00	147.00	144.00	158.00	166.00
Manure spreader, each	169.00	188.00	196.00	198.00	203.00	216.00	270.00
Plow, 1-horse, walking, each	9.13	11.30	12.00	12.10	12.50	12.90	14.60
Plow, 2-horse, walking, each	21.70	23.10	23.90	23.90	24.40	25.20	28.00
Plow, 2-bottom, tractor-drawn, each	120.00	130.00	132.00	136.00	138.00	144.00	167.00
Harrow, disk, single, 7-foot, each	67.70	73.80	75.80	76.30	78.80	81.50	90.20
Harrow, spiketooth, 30-tooth section, each	11.30	12.80	13.00	13.30	13.50	14.20	16.60
Harrow, springtooth, 2-section, each	31.20	33.40	35.40	35.70	35.20	35.90	45.20
Planter, corn, 2-row check, each	86.00	94.00	101.00	104.00	107.00	108.00	133.00
Planter, corn or cotton, 1-row, each	23.30	26.90	27.20	27.30	27.60	28.00	30.60
Drill, grain, 12-tubes, each	163.00	182.00	184.00	188.00	192.00	199.00	245.00
Cultivator, 1-horse, walking, each	8.16	9.24	9.70	9.71	10.00	10.20	12.10
Cultivator, 1-row, riding, each	58.90	65.80	68.50	69.90	69.70	72.40	82.80
Cultivator, 2-row, tractor-drawn, each	138.00	128.00	132.00	137.00	138.00	144.00	166.00
Binder, corn, 1-row, each	229.00	267.00	271.00	276.00	279.00	302.00	350.00
Ensilage cutter, 13-inch throat, each	311.00	350.00	360.00	368.00	370.00	408.00	445.00
Binder, grain, 7-foot, each	251.00	286.00	289.00	292.00	293.00	300.00	360.00
Combines, power take-off, 5-6-foot, each	798.00	813.00	839.00	861.00	866.00	882.00	1,050.00
Thresher, grain, large, each	1,300.00	1,410.00	1,440.00	1,460.00	1,460.00	1,500.00	1,840.00
Potato digger, 1-row, each	159.00	183.00	192.00	190.00	193.00	201.00	214.00
Mower, 5-foot, each	92.60	110.00	113.00	115.00	115.00	119.00	137.00
Rake, sulky, self-dump, each	51.80	58.20	59.90	60.60	60.70	62.50	75.50
Rake, side-delivery, each	129.00	142.00	147.00	150.00	151.00	158.00	196.00
Hay loader, each	133.00	156.00	164.00	169.00	170.00	174.00	213.00

See footnotes at end of table.

TABLE 669.—Prices paid by farmers for commodities used for farm production, United States, average 1935-39, annual 1942-47—Continued

Commodity and unit	Average 1935-39 <sup>1</sup>	1942	1943	1944	1945	1946	1947
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Equipment and supplies:							
Milk cans, 10-gallon, each.....	4.74	5.87	6.17	6.32	6.27	6.42	7.28
Milk pails, 12-quart, each.....	.749	.908	1.03	1.04	1.08	1.13	1.22
Hoes, 7-inch blade, each.....	.895	.960	1.05	1.07	1.07	1.09	1.25
Pitchforks, 3-tine, each.....	1.19	1.35	1.41	1.42	1.43	1.53	1.73
Binder twine, per pound.....	.0916	.118	.140	.141	.142	.143	.233
Rope, manila, per pound.....	.246	.299	.340	.395	.406	.384	.511
Bushel baskets, veneer, per dozen.....	<sup>2</sup> 1.01	1.33	1.46	1.65	1.70	2.30	2.62
Horse collars, leather, each.....	4.84	5.99	6.64	7.21	7.46	7.75	8.69
Pipe, galvanized iron, 1¼-inch, per foot.....	.180	.199	.202	.200	.198	.206	.242
Lead arsenate, per pound <sup>3</sup> .....	.172	.191	.206	.207	.208	.219	.280
Gasoline, per gallon <sup>4</sup> .....	<sup>5</sup> .192	.197	.198	.198	.197	.203	.226
Kerosene, per gallon <sup>4</sup> .....	<sup>5</sup> .132	.134	.136	.134	.134	.139	.156
Motor oil, per gallon <sup>4</sup> .....	<sup>5</sup> .893	.976	1.00	1.01	<sup>5</sup> 1.01	1.04	1.11
Tires, auto, 6.00 by 16, each <sup>4</sup> .....	<sup>5</sup> 12.60	14.80	16.40	17.10	16.50	16.70	16.00
Feed:							
Bran, per 100 pound.....	1.42	2.06	2.32	2.43	2.42	2.87	3.37
Middlings, per 100 pound.....	1.60	2.14	2.37	2.46	2.44	2.92	3.65
Corn meal, per 100 pound.....	1.90	2.14	2.67	3.00	2.93	3.69	4.46
Corn gluten, per 100 pound.....	1.75	2.02	2.28	2.64	2.64	3.24	3.85
Soybean meal, per 100 pound.....	1.99	2.61	2.80	3.15	3.12	4.00	4.81
Cottonseed meal, per 100 pound.....	1.78	2.40	2.67	3.07	3.09	3.94	4.68
Linseed meal, per 100 pound.....	2.35	2.41	2.80	2.98	3.00	3.94	4.93
Peanut meal, per 100 pound.....	1.81	2.47	2.74	3.12	3.14	3.91	4.41
Mixed dairy feed:							
16 percent protein, per 100 lb.....	1.69	2.21	2.68	2.96	2.90	3.48	3.99
20 percent protein, per 100 lb.....	1.85	2.36	2.87	3.17	3.12	3.78	4.30
24 percent protein, per 100 lb.....	1.95	2.48	2.98	3.30	3.26	3.91	4.55
Laying mash, per 100 pound.....	2.31	2.89	3.28	3.61	3.59	4.22	4.87
Scratch feed, per 100 pound.....	1.91	2.33	2.81	3.17	3.22	3.93	4.69
Tar kage, per 100 pound.....	2.17	4.15	4.24	4.27	4.23	5.10	6.41
Stock salt, per 100 pound.....	.909	.943	.976	.994	1.01	1.05	1.15
Alfalfa hay, baled, per ton.....	17.13	20.20	26.20	30.50	30.80	30.60	32.60
Other hay, baled, per ton.....		17.40	23.00	27.70	28.40	27.20	29.00

<sup>1</sup> Prices as reported for different specifications adjusted, where necessary, to current basis of reporting.

<sup>2</sup> Also included in building materials for house.

<sup>3</sup> 1935-38 average.

<sup>4</sup> Also included in operating expenses.

<sup>5</sup> Revised.

Bureau of Agricultural Economics. Data for 1939-41 in Agricultural Statistics, 1945, table 569.

TABLE 670.—Index numbers of consumers' prices, by groups, United States, 1929-47<sup>1</sup> (1935-39=100)

Year	Food	Nonfood items					All items
		Clothing	Rent	Fuel, electricity, and ice	House furnish- ings	Miscel- laneous	
1929.....	132	115	141	112	112	105	123
1930.....	126	113	138	111	109	105	119
1931.....	104	103	130	109	98	104	109
1932.....	86	91	117	103	85	102	93
1933.....	84	88	101	100	84	98	92
1934.....	94	96	94	101	93	98	96
1935.....	100	97	94	101	95	98	98
1936.....	101	98	96	100	96	99	99
1937.....	105	103	101	100	104	101	103
1938.....	98	102	104	100	103	102	101
1939.....	95	101	104	99	101	101	99
1940.....	97	102	105	100	101	101	101
1941.....	106	106	106	102	107	104	105
1942.....	124	124	108	105	122	111	117
1943.....	138	130	108	107	126	116	124
1944.....	136	139	108	110	136	121	125
1945.....	139	146	108	110	146	124	128
1946.....	160	160	109	112	159	129	139
1947.....	194	186	111	121	184	140	159

<sup>1</sup> This index reflects retail prices of goods and services commonly bought by average families with moderate income in the 56 large cities of the United States.

Bureau of Agricultural Economics. Compiled from data of the Bureau of Labor Statistics. Data for 1913-28 in Agricultural Statistics, 1946, table 611.

TABLE 671.—Index numbers of wholesale prices, by groups of commodities, United States, 1929-47

(Calendar years 1910-14=100)

Year	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and allied products <sup>1</sup>	House furnishing goods	Miscellaneous <sup>2</sup>	Other than farm products	Raw materials	All commodities
1929	147	155	169	161	158	118	173	116	173	75	138	149	139
1930	124	140	155	143	149	108	163	109	170	71	127	129	126
1931	91	116	134	118	128	99	144	98	156	63	111	100	107
1932	68	95	113	98	133	94	129	91	138	58	101	84	95
1933	72	94	125	115	126	94	140	89	139	57	102	86	96
1934	92	109	134	130	139	102	156	93	149	63	114	105	109
1935	111	130	139	126	140	101	154	97	148	62	119	118	117
1936	113	127	148	127	145	102	157	97	150	64	120	122	118
1937	121	133	162	136	147	112	172	102	164	71	128	130	126
1938	96	114	144	118	145	112	164	95	159	67	119	110	115
1939	92	109	148	124	139	111	164	94	158	68	118	107	113
1940	95	111	155	131	136	112	172	95	162	70	120	110	115
1941	116	128	168	151	145	117	187	104	173	74	131	128	127
1942	149	154	182	172	149	122	200	120	187	81	144	154	144
1943	172	165	182	173	153	122	202	124	188	84	146	172	151
1944	173	163	181	175	158	122	209	128	191	85	148	173	152
1945	180	165	183	178	159	123	213	117	192	86	149	179	155
1946	209	203	213	207	171	135	240	125	204	91	170	206	177
1947	254	262	282	250	206	170	325	157	236	104	215	253	222

<sup>1</sup> Prior to 1926 designated as "Chemicals and drugs."<sup>2</sup> Includes automobile tires and tubes, cattle feed, paper and pulp, crude rubber, barrels, batteries, caskets, cigar boxes, matches, mirrors, oil, pipe covering, rubber heels, rubber hose, men's rubbers, soap, starch, tobacco products and wax.

Bureau of Agricultural Economics. Computed by reducing to a 1910-14 base the Bureau of Labor Statistics series, 1926=100; the index numbers for each group on the 1926 base are divided by the averages for 1910-14. The averages used for each group are as follows: Farm products, 71.3; foods, 64.5; hides and leather products, 64.5; textile products, 56.3; fuel and lighting, 52.7; metals and metal products, 85.3; building materials, 55.2; chemicals and drugs, 81.2; house furnishing goods, 54.6; miscellaneous, 110.1; other than farm products, 67.5; raw materials, 65.36; and all commodities, 68.5. Data for 1910-28 in Agricultural Statistics, 1946, table 608.

TABLE 672.—Cash receipts from farming and gross farm income, United States, 1929-47<sup>1</sup>

Year	Cash receipts from farming					Value of home consumption <sup>3</sup>	Cash receipts from farming and value of home consumption	Rental value of farm homes <sup>4</sup>	Gross farm income <sup>5</sup>	Cash receipts per farm <sup>6</sup>	Gross income per farm <sup>6</sup>
	Farm marketings			Government payments <sup>2</sup>	Total						
	Livestock and products	Crops	Total								
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Dollars	Dollars	
1929-----	6,171	5,125	11,296	-----	11,296	1,699	12,995	829	13,824	1,796	2,198
1930-----	5,181	3,840	9,021	-----	9,021	1,537	10,558	830	11,388	1,434	1,811
1931-----	3,835	2,536	6,371	-----	6,371	1,253	7,624	754	8,378	997	1,311
1932-----	2,746	1,997	4,743	-----	4,743	1,008	5,751	655	6,406	726	981
1933-----	2,841	2,473	5,314	131	5,445	1,023	6,468	587	7,055	810	1,050
1934-----	3,330	3,004	6,334	446	6,780	1,090	7,870	616	8,486	1,001	1,253
1935-----	4,108	2,978	7,086	573	7,659	1,320	8,979	616	9,595	1,124	1,409
1936-----	4,716	3,651	8,367	287	8,654	1,374	10,028	615	10,643	1,284	1,579
1937-----	4,902	3,948	8,850	367	9,217	1,410	10,627	638	11,265	1,389	1,698
1938-----	4,496	3,190	7,686	482	8,168	1,283	9,451	620	10,071	1,251	1,543
1939-----	4,511	3,366	7,877	807	8,684	1,244	9,928	619	10,547	1,348	1,637
1940-----	4,893	3,471	8,364	766	9,130	1,254	10,384	624	11,008	1,438	1,734
1941-----	6,465	4,716	11,181	586	11,767	1,460	13,227	658	13,885	1,870	2,207
1942-----	9,041	6,331	15,372	697	16,069	1,788	17,857	702	18,559	2,592	2,993
1943-----	11,454	7,980	19,434	672	20,106	2,163	22,269	755	23,024	3,304	3,784
1944-----	11,322	9,038	20,360	804	21,164	2,201	23,365	820	24,185	3,529	4,033
1945-----	11,982	9,538	21,520	769	22,289	2,256	24,545	889	25,434	3,741	4,269
1946-----	13,699	11,165	24,864	772	25,636	2,624	28,260	978	29,238	4,297	4,901
1947 <sup>7</sup> -----	16,490	13,696	30,186	314	30,500	3,105	33,605	1,100	34,705	5,109	5,813

<sup>1</sup> Recent revisions prior to 1940 not incorporated, as more comprehensive revisions are contemplated within the coming year.

<sup>2</sup> Payments under rental and benefit, soil conservation, price adjustment, price parity, Sugar Act, and production programs.

<sup>3</sup> Value of products consumed by farm laborers and their families, as well as by the operator's own household.

<sup>4</sup> Includes an allowance for maintenance and interest on the value of farm dwellings and for a proportionate share of taxes on farm real estate and insurance on farm buildings. In most years the rental value is from 9 to 11 percent of the estimated value of farm dwellings.

<sup>5</sup> Cash receipts from farm marketings, Government payments, value of home consumption, and rental value of farm homes.

<sup>6</sup> Includes Government payments since 1933. For number of farms, see table 606 in this book and table 685 in Agricultural Statistics, 1941.

<sup>7</sup> Preliminary.

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TABLE 673.—Cash receipts from farming and value of products consumed by persons on farms where produced, by commodities, United States, 1946 and 1947 <sup>1</sup>

Commodity	Cash receipts from farming		Value of home consumption		Cash receipts from farming and value of home consumption	
	1946	1947	1946	1947	1946	1947
<b>LIVESTOCK AND PRODUCTS</b>						
Meat animals:	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves.....	3,722,141	4,913,640	71,290	85,000	3,793,431	4,998,640
Hogs.....	2,961,234	4,004,012	488,112	629,893	3,449,346	4,633,905
Sheep and lambs.....	362,300	401,161	4,188	4,990	366,488	406,151
Total.....	7,045,675	9,318,813	563,590	719,883	7,609,265	10,038,696
Poultry and eggs:						
Broilers <sup>2</sup> .....	270,015	272,788	-----	-----	270,015	272,788
Chickens, other.....	639,348	575,766	189,622	177,718	828,970	753,484
Eggs (chicken).....	1,478,733	1,781,937	250,214	291,169	1,728,947	2,073,106
Turkeys.....	269,041	238,041	4,683	4,692	273,724	242,733
Other poultry <sup>3</sup> .....	35,822	33,061	3,992	3,738	39,814	36,799
Total.....	2,692,959	2,901,593	448,511	477,317	3,141,470	3,378,910
Dairy products:						
Butter, farm.....	31,752	30,727	-----	-----	-----	-----
Cream.....	518,605	568,576	-----	-----	-----	-----
Milk, retail.....	392,482	430,671	-----	-----	-----	-----
Milk, wholesale.....	2,792,827	3,029,292	-----	-----	-----	-----
Total <sup>4</sup> .....	3,735,666	4,059,266	713,900	786,054	4,449,566	4,845,320
Wool.....	118,639	106,106	-----	-----	118,639	106,106
Mohair.....	11,803	11,119	-----	-----	11,803	11,119
Other <sup>5</sup> .....	94,218	93,536	7,974	10,268	102,192	103,804
Total livestock.....	13,698,960	16,490,433	1,733,975	1,993,522	15,432,935	18,483,955
<b>CROPS</b>						
Food grains:						
Buckwheat.....	3,220	4,954	159	189	3,379	5,143
Rice.....	139,524	159,888	455	560	139,979	160,448
Rye.....	24,243	43,783	74	79	24,317	43,862
Wheat.....	1,659,000	2,580,904	7,745	9,995	1,666,745	2,590,899
Total.....	1,825,987	2,789,529	8,433	10,823	1,834,420	2,800,352
Feed crops:						
Barley.....	189,398	272,130	-----	-----	189,398	272,130
Corn.....	827,136	1,341,945	28,582	34,144	855,718	1,376,089
Sorghums, grain.....	86,291	112,161	-----	-----	86,291	112,161
Hay.....	222,496	230,108	-----	-----	222,496	230,108
Oats.....	303,365	329,915	-----	-----	303,365	329,915
Total.....	1,628,686	2,286,259	28,582	34,144	1,657,268	2,320,403
Cotton:						
Cotton lint.....	1,257,707	1,905,927	-----	-----	1,257,707	1,905,927
Cottonseed.....	204,394	336,745	-----	-----	204,394	336,745
Total.....	1,462,101	2,242,672	-----	-----	1,462,101	2,242,672
Tobacco.....	955,306	1,029,709	-----	-----	955,306	1,029,709
Oil-bearing crops:						
Flaxseed.....	83,762	226,028	-----	-----	83,762	226,028
Peanuts.....	166,154	201,292	3,064	4,347	169,218	205,639
Soybeans.....	455,304	551,613	-----	-----	455,304	551,613
Tung nuts.....	5,564	4,909	-----	-----	5,564	4,909
Total.....	710,784	983,842	3,064	4,347	713,848	988,189
Vegetables:						
Dry edible beans.....	135,976	178,984	504	590	136,480	179,574
Dry field peas.....	26,828	28,694	-----	-----	26,828	28,694
Mung beans.....	1,025	718	-----	-----	1,025	718
Potatoes.....	441,065	482,181	71,770	69,318	512,835	551,499
Sweet potatoes.....	61,513	55,033	45,120	41,871	106,633	96,904
Truck crops.....	1,216,934	1,193,310	475,778	660,245	1,692,712	1,853,555
Total.....	1,883,341	1,938,920	593,172	772,024	2,476,513	2,710,944

See footnotes at end of table.

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TABLE 673.—Cash receipts from farming and value of products consumed by persons on farms where produced, by commodities, United States, 1946 and 1947<sup>1</sup>—Continued

Commodity	Cash receipts from farming		Value of home consumption		Cash receipts from farming and value of home consumption	
	1946	1947	1946	1947	1946	1947
CROPS—continued						
Fruits:						
Citrus:	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Grapefruit	85,802	55,281	317	237	86,119	55,518
Lemons	46,252	53,518	105	124	46,357	53,642
Limes	841	754			841	754
Oranges	317,503	222,423	2,181	1,343	319,684	223,766
Other <sup>6</sup>	112	61	21	13	133	74
Non-citrus:						
Apples	298,847	274,228	48,739	40,059	347,586	314,287
Apricots	36,768	17,834	498	498	37,389	18,302
Avocados	6,469	5,820	86	104	6,555	5,924
Cherries	64,847	37,048	5,380	3,845	70,227	40,893
Cranberries	27,465	16,252			27,465	16,252
Dates	3,571	1,104	58	19	3,629	1,123
Figs	13,540	7,001	1,064	553	14,604	7,554
Grapes	285,292	150,941	4,557	3,803	290,949	153,844
Olives	17,898	6,335	77	33	17,975	6,368
Peaches	166,483	119,089	17,494	14,492	183,977	133,561
Pears	80,586	74,053	5,756	5,360	86,342	79,413
Plums	17,368	14,632	2,701	2,297	20,059	16,929
Prunes	59,480	54,110	509	417	59,989	54,527
Strawberries	89,853	84,201	4,150	3,716	94,003	87,917
Other berries <sup>7</sup>	88,998	58,100	4,958	4,636	93,956	92,736
Other <sup>8</sup>	2,819	1,675	168	121	3,017	1,797
Total	1,711,924	1,283,541	98,942	81,640	1,810,866	1,365,181
Tree nuts:						
Almonds	18,274	15,950	97	119	18,371	16,060
Filberts	3,124	2,520	119	83	3,243	2,603
Pecans	23,173	23,612	2,776	3,006	25,949	29,618
Walnuts, Persian	39,378	22,920	448	203	39,826	23,216
Total	83,949	68,092	3,440	3,495	87,389	71,497
Legume and grass seeds:						
Alfalfa	34,921	20,123			34,921	20,123
Alsike clover	6,924	6,550			6,924	6,550
Austrian winter peas	1,315	2,680			1,315	2,680
Bermuda grass	283	563			283	563
Blue lupine	1,434	1,351			1,434	1,351
Bromegrass	490	932			490	932
Cowpeas	6,236	6,232	1,292	1,456	7,578	7,748
Crimson clover	1,980	1,724			1,980	1,724
Kentucky bluegrass	4,885	7,267			4,885	7,267
Ladino clover	1,285	1,366			1,285	1,366
Lespedeza	11,880	10,378			11,880	10,378
Mustard	3,118	1,687			3,118	1,687
Orchard grass	783	555			783	555
Rape	930	550			930	550
Red clover	28,494	22,714			28,494	22,714
Red top	2,421	2,029			2,421	2,029
Ryegrass, common	4,220	2,785			4,220	2,785
Ryegrass, perennial	760	512			760	512
Sudan grass	1,507	1,323			1,507	1,323
Sweetclover	3,228	2,892			3,228	2,892
Timothy	3,266	2,861			3,266	2,861
Vetch, common—Willamette	2,588	1,942			2,588	1,942
Vetch, hairy	1,327	2,785			1,327	2,785
Vetch, purple	856	304			856	304
White clover	2,282	1,581			2,282	1,581
Other <sup>9</sup>	728	658			728	658
Total	128,171	104,395	1,292	1,466	129,463	105,861
Sugar and sirup crops:						
Maple sirup and sugar	3,718	9,173	904	1,645	4,622	10,818
Sorgo sirup	13,764	8,603	11,617	8,769	25,381	17,372
Sugar beets	110,855	152,430			110,855	152,430
Sugarcane sirup	28,340	17,022	9,531	6,761	37,871	23,783
Sugarcane for sugar	35,892	36,111			35,892	36,111
Total	192,569	223,339	22,052	17,175	214,621	240,514

See footnotes at end of table.



TABLE 673.—Cash receipts from farming and value of products consumed by persons on farms where produced, by commodities, United States, 1946 and 1947<sup>1</sup>—Continued

Commodity	Cash receipts from farming		Value of home consumption		Cash receipts from farming and value of home consumption	
	1946	1947	1946	1947	1946	1947
<b>CROPS—continued</b>						
Miscellaneous crops:	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Broomcorn.....	12,538	10,096	-----	-----	12,538	10,096
Flax fiber.....	778	497	-----	-----	778	497
Hemp.....	630	443	-----	-----	630	443
Hops.....	33,361	33,998	-----	-----	33,361	33,998
Peppermint.....	8,486	11,128	-----	-----	8,486	11,128
Popcorn.....	10,801	5,886	-----	-----	10,801	5,886
Sparmint.....	1,722	2,678	-----	-----	1,722	2,678
Forest products.....	158,790	274,203	131,508	186,028	290,298	460,231
Greenhouse and nursery products.....	355,081	406,729	-----	-----	355,081	406,729
<b>Total.....</b>	<b>582,187</b>	<b>745,658</b>	<b>131,508</b>	<b>186,028</b>	<b>713,695</b>	<b>931,686</b>
<b>Total crops.....</b>	<b>11,165,005</b>	<b>13,695,866</b>	<b>890,485</b>	<b>1,111,142</b>	<b>12,055,490</b>	<b>14,807,008</b>
<b>Total livestock and crops.....</b>	<b>24,863,965</b>	<b>30,186,299</b>	<b>2,624,460</b>	<b>3,104,664</b>	<b>27,488,425</b>	<b>33,290,963</b>
Government payments <sup>10</sup> .....	771,680	313,813	-----	-----	771,680	313,813
<b>Grand total.....</b>	<b>25,635,645</b>	<b>30,500,112</b>	<b>2,624,460</b>	<b>3,104,664</b>	<b>28,260,105</b>	<b>33,604,776</b>

<sup>1</sup> Estimates of cash receipts measure the amount of money received by farmers during the calendar year from the sale of the different farm products. Commodities used for human consumption on the farms where grown are valued at the average price received by farmers for the commodities sold.

<sup>2</sup> Cash receipts include value of broilers consumed in households of producers, which is less than 1 percent of total production.

<sup>3</sup> Ducks, geese, guineas, pigeons, quail, pheasants, all other.

<sup>4</sup> Value of dairy products consumed on farms is not available for separate items; total value is determined by applying milk-equivalent price received for products sold to total milk consumed on farms.

<sup>5</sup> Horses, mules, honey, beeswax, bees.

<sup>6</sup> Kumquats, tangeloes.

<sup>7</sup> Boysenberries, blackberries, blueberries, dewberries, loganberries, youngberries, currants, gooseberries, all other.

<sup>8</sup> Persimmons, pineapples, pomegranates, nectarines, bananas, guavas, jujubes, mangoes, papayas, prickly pears, quinces, sapodillas, loquats.

<sup>9</sup> Crested wheatgrass, meadow fescue, sunflower, Hungarian vetch seed.

<sup>10</sup> Payments under dairy, sheep and lamb, and beef production, agricultural conservation, Sugar Act, and price parity programs.

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TABLE 674.—Cash receipts from farming and value of products consumed by persons on farms where produced, by States, 1946

State and division	Cash receipts from farming					Value of home consumption			Cash receipts from farming and value of home consumption
	Farm marketings			Government payments	Total	Livestock and products	Crops	Total	
	Livestock and products	Crops	Total						
1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	51,757	82,872	134,629	3,208	137,837	8,804	8,257	17,061	154,898
New Hampshire.....	41,165	12,255	53,420	1,763	55,183	3,420	3,942	7,362	62,545
Vermont.....	83,266	14,995	98,261	7,528	105,789	5,318	5,879	11,197	116,986
Massachusetts.....	104,304	71,609	175,913	4,805	180,718	7,088	8,487	15,575	196,293
Rhode Island.....	13,542	6,384	19,926	791	20,717	890	824	1,714	22,431
Connecticut.....	78,834	51,312	130,146	3,977	134,123	5,363	5,381	10,744	144,867
New York.....	512,258	294,304	806,562	42,686	849,248	39,261	32,386	71,647	920,895
New Jersey.....	139,038	138,874	277,912	6,540	284,452	6,951	4,333	11,284	295,736
Pennsylvania.....	475,068	197,485	672,553	27,363	699,916	55,032	30,459	85,491	785,407
North Atlantic.....	1,499,232	870,090	2,369,322	98,661	2,467,983	132,127	99,948	232,075	2,700,058
Ohio.....	604,821	264,933	869,754	27,011	896,765	65,265	24,528	89,793	986,558
Indiana.....	602,276	255,271	857,547	21,784	879,331	50,168	17,334	67,502	946,833
Illinois.....	879,272	584,532	1,463,804	35,183	1,498,987	65,688	19,172	84,860	1,583,847
Michigan.....	402,815	248,235	651,050	29,034	680,084	41,161	25,052	66,213	746,297
Wisconsin.....	816,049	130,916	946,965	67,684	1,014,649	47,035	27,024	74,059	1,088,708
East North Central.....	3,305,233	1,483,887	4,789,120	180,696	4,969,816	269,317	13,110	382,427	5,352,243
Minnesota.....	812,391	245,077	1,057,468	51,894	1,109,362	53,265	21,661	74,926	1,184,288
Iowa.....	1,444,410	290,417	1,734,827	44,948	1,779,775	68,057	22,137	90,194	1,869,969
Missouri.....	680,189	197,165	877,354	25,021	902,375	73,303	35,400	108,703	1,011,078
North Dakota.....	181,580	330,109	511,689	20,426	532,115	23,064	5,015	28,079	560,194
South Dakota.....	310,987	176,785	487,772	15,074	502,846	20,278	4,445	24,723	527,569
Nebraska.....	563,192	277,924	841,116	23,639	864,755	35,534	6,785	42,319	907,074
Kansas.....	488,090	400,380	888,470	20,220	908,690	39,738	7,903	47,641	956,331
West North Central.....	4,480,839	1,917,857	6,398,696	201,222	6,599,918	313,239	103,346	416,585	7,016,503
Delaware.....	69,368	17,395	86,763	1,345	88,108	2,395	1,586	3,981	92,089
Maryland.....	131,213	77,876	209,089	6,163	215,252	13,956	6,684	20,640	235,892
Virginia.....	181,716	187,825	369,541	9,721	379,262	64,917	44,591	109,508	488,777
West Virginia.....	78,639	30,463	109,102	4,090	113,192	31,297	23,198	54,495	167,687
North Carolina.....	119,893	625,535	745,428	9,677	755,105	93,110	61,526	154,636	909,741
South Carolina.....	59,342	258,828	318,170	3,704	321,874	47,581	25,406	72,987	394,861
Georgia.....	120,612	292,197	412,809	7,412	420,221	78,932	48,889	127,821	548,042
Florida.....	80,207	331,935	412,142	5,484	417,626	13,331	9,361	22,692	440,318
South Atlantic.....	840,990	1,822,054	2,663,044	47,596	2,710,640	345,519	221,241	566,760	3,277,400
Kentucky.....	223,359	212,537	435,896	15,577	451,473	74,380	37,190	111,570	563,043
Tennessee.....	182,067	212,400	394,467	13,416	407,883	76,550	43,494	120,044	527,927
Alabama.....	101,645	207,136	308,781	6,843	315,624	74,648	51,334	125,982	441,606
Mississippi.....	95,708	209,682	305,390	9,935	315,325	61,591	49,881	111,472	426,797
Arkansas.....	125,234	312,663	437,897	6,756	444,653	50,726	35,499	86,225	530,878
Louisiana.....	82,725	172,732	255,457	11,795	267,252	36,447	21,652	58,099	325,351
Oklahoma.....	277,498	233,260	510,758	16,873	527,631	50,223	22,206	72,429	600,060
Texas.....	675,689	706,218	1,381,907	38,502	1,420,409	127,781	41,449	169,230	1,589,639
South Central.....	1,763,925	2,266,628	4,030,553	119,697	4,150,250	552,346	302,705	855,051	5,005,301
Montana.....	159,968	144,438	304,406	11,889	316,295	11,841	3,515	15,356	331,651
Idaho.....	120,286	179,502	299,788	10,239	310,027	10,422	3,708	14,130	324,157
Wyoming.....	91,994	34,887	126,881	4,618	131,499	5,216	1,128	6,344	137,843
Colorado.....	223,310	163,449	386,759	17,042	403,801	13,986	2,693	16,679	420,480
New Mexico.....	93,041	50,103	143,144	3,913	147,057	7,916	2,360	10,276	157,333
Arizona.....	58,796	102,955	161,751	3,153	164,904	4,744	1,150	5,894	170,798
Utah.....	94,170	42,591	136,761	5,872	142,633	7,012	2,264	9,276	151,909
Nevada.....	26,991	6,460	33,451	793	34,244	1,605	394	1,999	36,143
Washington.....	167,954	348,818	516,772	11,794	528,566	19,522	12,833	32,355	560,921
Oregon.....	153,065	201,684	354,739	8,766	363,505	14,845	9,785	24,630	388,133
California.....	619,176	1,529,602	2,148,778	45,729	2,194,507	24,418	10,305	34,723	2,229,230
.....	1,808,741	2,804,489	4,613,320	123,088	4,737,038	121,427	50,135	171,562	4,908,600
United States.....	13,698,960	11,165,005	24,863,965	771,680	25,635,645	1,733,975	890,485	2,624,460	28,260,105

TABLE 675.—Cash receipts from farming and value of products consumed by persons on farms where produced, by States, 1947

State and division	Cash receipts from farming				Total	Value of home consumption			Cash receipts from farming and value of home consumption
	Farm marketings			Government payments		Live-stock and products	Crops	Total	
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	60,830	114,972	175,802	1,203	177,005	9,792	10,945	20,737	197,742
New Hampshire.....	48,555	15,409	63,964	528	64,492	3,763	5,168	8,931	73,423
Vermont.....	91,152	23,280	114,432	1,071	115,503	6,147	7,648	13,795	129,298
Massachusetts.....	119,224	71,814	191,038	869	191,907	8,288	11,917	20,205	212,112
Rhode Island.....	15,889	6,391	21,980	128	22,108	1,045	1,071	2,116	24,224
Connecticut.....	89,539	57,371	146,910	650	147,560	5,874	7,119	12,993	160,553
New York.....	578,565	292,463	871,028	7,918	878,946	43,920	38,648	82,568	961,514
New Jersey.....	169,914	124,223	294,137	1,386	295,523	7,761	5,559	13,320	308,843
Pennsylvania.....	557,486	216,924	774,410	6,723	781,133	59,622	36,932	96,554	877,687
North Atlantic.....	1,730,854	922,847	2,653,701	20,476	2,674,177	146,212	125,007	271,219	2,945,396
Ohio.....	695,914	301,549	997,463	9,952	1,007,415	73,382	30,262	103,644	1,111,059
Indiana.....	751,525	314,622	1,066,147	8,324	1,074,471	55,545	19,868	75,413	1,149,884
Illinois.....	1,121,689	787,780	1,909,469	11,151	1,920,620	74,587	25,172	99,759	2,020,379
Michigan.....	446,193	267,280	713,473	10,288	723,761	44,729	30,132	74,861	798,622
Wisconsin.....	906,227	142,020	1,048,247	9,402	1,057,649	50,926	32,571	83,497	1,141,146
East North Central.....	3,921,548	1,813,251	5,734,799	49,117	5,783,916	299,169	138,005	437,174	6,221,090
Minnesota.....	952,927	391,181	1,344,108	8,888	1,352,996	59,238	28,594	87,832	1,440,828
Iowa.....	1,948,017	449,970	2,397,987	12,124	2,410,111	76,012	27,873	103,885	2,513,996
Missouri.....	854,693	228,232	1,082,925	12,286	1,095,211	81,562	47,080	128,642	1,223,853
North Dakota.....	199,855	511,602	711,457	6,814	718,271	24,902	6,255	31,157	749,428
South Dakota.....	397,730	288,451	686,181	5,996	692,177	22,075	5,687	27,762	719,939
Nebraska.....	674,562	413,788	1,088,350	13,568	1,101,918	40,948	9,000	49,948	1,151,866
Kansas.....	582,493	657,720	1,240,213	11,737	1,251,950	44,317	10,098	54,415	1,306,365
West North Central.....	5,610,277	2,940,944	8,551,221	71,413	8,622,634	349,054	134,587	483,641	9,106,275
Delaware.....	68,911	17,613	86,524	593	87,117	2,707	2,272	4,979	92,096
Maryland.....	144,446	90,789	235,235	2,743	237,978	15,811	8,398	24,209	262,187
Virginia.....	207,425	202,945	410,370	5,719	416,089	76,565	54,187	130,752	546,841
West Virginia.....	88,816	28,518	117,334	2,885	120,219	37,082	27,558	64,640	184,859
North Carolina.....	135,288	627,062	762,350	8,056	770,406	112,588	74,926	187,514	957,920
South Carolina.....	63,488	261,798	325,286	3,403	328,689	55,224	30,418	85,642	414,331
Georgia.....	157,176	356,224	513,400	8,542	521,942	93,317	57,893	151,210	673,152
Florida.....	91,997	253,479	345,476	4,284	349,760	16,216	11,438	27,654	377,414
South Atlantic.....	957,547	1,838,428	2,795,975	36,225	2,832,200	409,510	267,090	676,600	3,508,800
Kentucky.....	287,042	300,965	588,007	11,688	599,695	89,773	48,085	137,858	737,553
Tennessee.....	227,470	246,182	473,652	6,907	480,559	88,272	54,828	143,100	623,659
Alabama.....	120,363	272,290	392,653	4,673	397,326	87,916	62,414	150,330	547,656
Mississippi.....	116,671	372,532	489,203	6,827	496,030	72,180	61,894	134,074	630,104
Arkansas.....	153,514	346,539	500,053	6,788	506,841	58,371	44,394	102,765	609,606
Louisiana.....	107,434	222,289	329,723	9,079	338,802	40,065	27,806	67,871	406,673
Oklahoma.....	335,290	314,205	649,495	8,467	657,962	58,794	28,913	87,707	745,669
Texas.....	801,549	1,140,993	1,942,542	23,914	1,966,456	155,961	55,032	210,993	2,177,449
South Central.....	2,149,333	3,215,995	5,365,328	78,343	5,443,671	651,332	383,366	1,034,698	6,478,369
Montana.....	177,393	192,751	370,144	7,023	377,167	13,253	4,793	18,046	395,213
Idaho.....	145,747	216,938	362,685	6,069	368,754	11,708	4,546	16,254	385,008
Wyoming.....	107,364	42,564	149,928	3,622	153,550	6,046	1,556	7,602	161,152
Colorado.....	258,614	258,564	517,178	11,321	528,499	16,263	3,369	19,632	548,131
New Mexico.....	102,262	74,664	176,926	3,689	180,615	8,841	2,897	11,738	192,353
Arizona.....	171,868	119,974	291,842	2,165	294,007	5,487	1,419	6,906	290,913
Utah.....	103,723	51,719	155,442	3,123	158,565	7,633	2,915	10,548	169,113
Nevada.....	39,449	6,423	45,872	404	46,276	1,583	489	2,072	48,348
Washington.....	192,364	387,342	579,706	3,803	583,509	22,569	17,201	39,770	623,279
Oregon.....	170,136	200,711	370,847	4,016	374,863	16,485	11,044	27,529	402,392
California.....	751,954	1,412,751	2,164,705	13,004	2,177,709	28,377	12,858	41,235	2,218,944
Western.....	2,120,874	2,964,401	5,085,275	58,239	5,143,514	138,245	63,087	201,332	5,344,846
United States.....	16,490,433	13,695,866	30,186,299	313,813	30,500,112	1,993,522	1,111,142	3,104,664	33,604,776

TABLE 676.—*Net income from agriculture and Government payments to persons living on farms and those living off farms, United States, 1929-47*<sup>1</sup>

Year	Persons living on farms						Persons not living on farms				Total net income from agriculture and Government payments <sup>8</sup>
	Farm operators					Net income from farming <sup>5</sup>	Farm wages to laborers not on farms <sup>4</sup>	Farm mortgage interest <sup>6</sup>	Net rent to non-farm landlords <sup>7</sup>	Net income from farming	
	Gross farm income	Production expenses	Realized net income <sup>2</sup>	Adjustment for changes in inventory <sup>3</sup>	Farm wages to farm laborers on farms <sup>4</sup>						
	(1)	(2)	(3)	(4)	(5)						
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1929.....	13,824	7,780	6,044	-166	863	6,741	421	582	672	1,675	8,416
1930.....	11,388	7,059	4,329	+11	774	5,114	360	572	522	1,454	6,568
1931.....	8,378	5,634	2,744	+150	588	3,482	259	559	320	1,138	4,620
1932.....	6,406	4,574	1,832	+40	413	2,285	171	534	227	932	3,217
1933.....	7,055	4,374	2,681	-56	368	2,993	144	472	315	931	3,924
1934.....	8,486	4,727	3,759	-660	432	3,531	169	430	409	1,008	4,539
1935.....	9,595	5,111	4,484	+38	530	5,052	210	396	491	1,097	6,149
1936.....	10,643	5,581	5,062	-331	630	5,361	250	364	532	1,146	6,507
1937.....	11,265	6,126	5,139	+213	741	6,093	298	341	510	1,149	7,242
1938.....	10,071	5,744	4,327	+5	709	5,041	291	320	458	1,069	6,110
1939.....	10,547	6,088	4,459	+107	696	5,262	286	305	502	1,093	6,355
1940.....	11,008	6,489	4,519	+96	725	5,340	297	293	460	1,050	6,390
1941.....	13,885	7,479	6,406	+374	879	7,659	364	286	710	1,360	9,019
1942.....	18,559	9,467	9,092	+928	1,154	11,174	479	273	982	1,734	12,908
1943.....	23,024	10,899	12,125	+536	1,422	14,083	597	247	1,088	1,932	16,015
1944.....	24,185	11,934	12,251	-402	1,542	13,391	655	236	1,204	2,095	15,486
1945.....	25,434	12,901	12,533	-439	1,622	13,716	690	220	1,221	2,131	15,847
1946.....	29,238	14,385	14,853	-126	1,788	16,515	762	216	1,357	2,335	18,850
1947 <sup>9</sup> .....	34,705	16,874	17,831	-1,235	1,952	18,548	839	222	1,534	2,595	21,143

<sup>1</sup> Recent revisions prior to 1940 not incorporated, as more comprehensive revisions are contemplated within the coming year.

<sup>2</sup> Column 1 minus column 2.

<sup>3</sup> An adjustment to gross income for sales out of inventory or for the net addition to inventories from production during the year. Computed by valuing changes in the numbers of livestock on farms and in the quantities of crops held for sale from one Jan. 1 to the next by prices at the end of the year.

<sup>4</sup> Cash wages and value of perquisites supplied to laborers, distributed according to place of residence.

<sup>5</sup> Includes net income of farm operators from farming, adjustment for changes in inventory, and farm wages to farm laborers living on farms (total of columns 3, 4, and 5).

<sup>6</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt.

<sup>7</sup> Gross rent paid to nonfarm landlords minus the expenses of agricultural production charged against them. Beginning with 1940, farm mortgage interest paid by nonfarm landlords is also deducted. For earlier years, this item is duplicated in the farm mortgage interest series.

<sup>8</sup> Includes net income to persons on farms from farming and other income from agriculture (column 6 plus column 10).

<sup>9</sup> Preliminary.

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TABLE 677.—*Net income of persons on farms from farming (including Government payments), compared with income of persons not on farms, United States, 1929-47*<sup>1</sup>

Year	Total national income <sup>2</sup>	Net income of persons on farms from farming <sup>3</sup>	Income of persons not on farms <sup>4</sup>	Population, Jan. 1		Income per person		Index numbers of income per person (1910-14=100)		Parity income ratio <sup>7</sup>
				Farm <sup>5</sup>	Non-farm <sup>6</sup>	On farms from farming	Not on farms <sup>4</sup>	On farms from farming	Not on farms	
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>			<i>Percent</i>
1929	85,954	6,741	79,213	30,220	90,916	223	871	166	179	93
1930	75,364	5,114	70,250	30,169	92,271	170	761	126	156	81
1931	58,853	3,482	56,371	30,485	93,158	114	605	85	124	68
1932	43,605	2,285	41,320	31,028	93,448	74	442	55	91	61
1933	42,006	2,993	39,013	32,033	93,190	93	419	69	86	81
1934	49,448	3,531	45,917	31,945	94,066	111	488	83	100	83
1935	56,398	5,052	51,346	31,801	95,064	159	540	118	111	107
1936	65,707	5,361	60,346	31,377	96,343	171	626	127	128	99
1937	71,556	6,093	65,463	30,906	97,569	197	671	147	138	107
1938	66,412	5,041	61,371	30,620	98,735	165	622	123	128	96
1939	71,515	5,262	66,253	30,480	99,926	173	663	129	136	95
1940	78,344	5,340	73,004	30,269	101,187	176	721	130	148	88
1941	95,257	7,659	87,598	29,988	102,650	255	853	188	175	107
1942	122,385	11,174	111,211	29,048	104,905	385	1,060	284	217	131
1943	151,259	14,083	137,176	26,659	108,987	528	1,259	389	258	151
1944	162,693	13,391	149,302	25,521	111,847	525	1,335	387	274	141
1945	162,820	13,716	149,104	25,190	113,733	544	1,311	401	269	149
1946	168,438	16,515	151,923	26,850	113,544	615	1,338	453	274	165
1947 <sup>8</sup>	190,799	18,548	172,251	27,550	115,144	673	1,496	496	307	162

<sup>1</sup> Recent revisions prior to 1940 not incorporated, as more comprehensive revisions are contemplated within the coming year.

<sup>2</sup> Estimates for 1929-45 prepared from income estimates of the Department of Commerce. Original data were adjusted to be comparable throughout, and minor adjustments were made in estimates of nonagriculture income so that the method of computation and sources of income included would be more nearly in agreement with those used in estimating agriculture's contribution to the national income.

<sup>3</sup> Includes net income of farm operators from farming and farm wages to laborers living on farms.

<sup>4</sup> The income of the nonfarm population as shown here is national income minus the net income of persons on farms from farming (column 1 minus column 2). Income of persons from non-agricultural sources has not been deducted.

<sup>5</sup> The population on farms includes all persons enumerated on farms in the taking of the census, whether or not they were engaged in farming, adjusted to Jan. 1 in the years when the census was not taken as of Jan. 1. Estimates for the intercensal years were made by the Department of Agriculture.

<sup>6</sup> Total population Jan. 1, less the farm population.

<sup>7</sup> Obtained by dividing the index number of income per person on farms from farming by the index number of income per person not on farms (column 8 divided by column 9). This provides a measure of the relation of the net income of individuals on farms from farm operations to the income of individuals not on farms, as specified in the Agricultural Adjustment Act of 1938.

<sup>8</sup> Preliminary.

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TABLE 678.—Rent on farm real estate: Estimated gross and net rent payable to landlords, including Government payments received, and amount of Government payments, United States, 1929-48

Year	Gross rent due landlords	Estimated expenses of land lords	Net rent			Government payments <sup>1</sup>	
			Total	Due landlords living on farms	Due landlords not living on farms	Received by landlords living on farms	Received by landlords not living on farms
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	1,621,474	559,228	1,062,246	389,844	672,402	-----	-----
1930.....	1,315,609	505,170	810,439	288,516	521,923	-----	-----
1931.....	906,477	414,375	492,102	171,744	320,358	-----	-----
1932.....	668,935	325,918	343,017	116,969	226,048	-----	-----
1933.....	792,532	313,788	478,744	164,209	314,535	9,467	18,133
1934.....	953,323	331,289	622,034	213,358	408,676	25,314	48,486
1935.....	1,101,377	374,534	726,843	235,497	491,346	35,964	75,036
1936.....	1,187,144	399,130	788,014	259,257	528,757	17,865	36,435
1937.....	1,217,545	457,403	760,142	250,087	510,055	26,057	53,143
1938.....	1,080,191	408,047	672,144	214,414	457,730	32,538	69,462
1939.....	1,170,178	436,106	734,072	231,967	502,105	47,274	102,326
1940.....	1,210,243	455,886	754,357	237,622	516,735	44,371	96,490
1941.....	1,570,320	481,730	1,088,590	360,323	728,267	34,088	72,438
1942.....	2,009,935	499,466	1,510,469	499,965	1,010,504	39,974	86,524
1943.....	2,235,061	526,859	1,708,202	558,582	1,149,620	37,763	81,741
1944.....	2,298,925	541,894	1,757,031	581,577	1,175,454	44,624	88,543
1945.....	2,357,819	560,463	1,797,356	585,938	1,211,418	41,670	83,238
1946.....	2,896,172	711,503	2,184,669	705,648	1,479,021	43,748	86,842
1947.....	3,219,698	879,558	2,340,140	751,185	1,588,955	17,061	35,939
1948 <sup>2</sup> .....	3,214,914	963,996	2,250,918	722,545	1,528,373	16,384	34,656

<sup>1</sup> These payments are already included in the columns showing gross rent and net rent.

<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 679.—*Spending for family living: Average expenditures for selected items by account-keeping farm families in four States, 1936-47*

## ILLINOIS

Year	Annual expenditure per family				Average family size	Year	Annual expenditure per family				Average family size
	Food	Clothing	Medical care	Furniture and equipment			Food	Clothing	Medical care	Furniture and equipment	
1936....	Dollars 224	Dollars 148	Dollars 68	Dollars 94	Persons 4.0	1942....	Dollars 311	Dollars 232	Dollars 124	Dollars 164	Persons 3.8
1937....	255	158	72	126	3.8	1943....	352	246	137	124	3.7
1938....	233	144	75	99	3.9	1944....	383	249	144	121	3.7
1939....	227	150	81	104	3.8	1945....	401	260	178	118	3.7
1940....	235	154	92	122	3.8	1946....	459	311	196	237	3.4
1941....	267	184	95	145	3.9	1947....	541	356	190	367	3.4

## KANSAS

1936....	214	107	76	123	4.2	1942....	322	180	109	186	4.4
1937....	233	138	67	131	4.0	1943....	352	198	115	96	3.9
1938....	232	124	78	93	4.0	1944....	398	230	112	92	3.9
1939....	223	123	76	85	4.0	1945....	387	209	168	100	3.8
1940....	224	130	75	86	4.2	1946....	463	270	202	207	3.7
1941....	241	140	76	158	4.1	1947....	553	345	200	365	3.9

## SOUTHEAST MINNESOTA

1936....	281	125	58	76	4.2	1942....	401	204	118	143	4.5
1937....	304	127	81	97	4.4	1943....	414	203	128	85	4.3
1938....	283	109	70	84	4.5	1944....	419	167	130	77	3.9
1939....	277	101	76	118	4.6	1945....	413	207	138	76	4.1
1940....	294	124	90	97	4.2	1946....	536	259	155	178	4.0
1941....	329	159	92	123	4.2	1947....	617	309	157	335	3.9

## IOWA

1936....	250	142	67	( <sup>1</sup> )	4.0	1942....	341	225	97	( <sup>1</sup> )	4.2
1937....	270	202	70	( <sup>1</sup> )	4.4	1943....	371	236	119	( <sup>1</sup> )	4.2
1938....	259	156	77	( <sup>1</sup> )	4.5	1944....	404	271	129	( <sup>1</sup> )	4.2
1939....	249	154	89	( <sup>1</sup> )	4.4	1945....	401	281	139	( <sup>1</sup> )	4.2
1940....	243	152	88	( <sup>1</sup> )	4.3	1946....	475	338	167	( <sup>1</sup> )	4.2
1941....	294	183	90	( <sup>1</sup> )	4.2	1947....	596	396	258	( <sup>1</sup> )	4.1

## AVERAGE FOR ALL FOUR STATES

1936....	245	133	66	<sup>2</sup> 94	4.1	1942....	345	213	112	<sup>2</sup> 162	4.2
1937....	268	158	73	<sup>2</sup> 117	4.2	1943....	374	223	126	<sup>2</sup> 103	4.0
1938....	253	134	75	<sup>2</sup> 92	4.2	1944....	401	230	131	<sup>2</sup> 98	3.9
1939....	246	133	81	<sup>2</sup> 105	4.2	1945....	402	243	155	<sup>2</sup> 98	4.0
1940....	251	141	87	<sup>2</sup> 104	4.1	1946....	485	297	178	<sup>2</sup> 208	3.8
1941....	286	169	89	<sup>2</sup> 140	4.1	1947....	578	352	201	<sup>2</sup> 355	3.8

<sup>1</sup> Data not available.<sup>2</sup> Average for Illinois, Kansas, and southeast Minnesota.

Bureau of Human Nutrition and Home Economics. Compiled from annual summaries of farm and family accounts submitted to State colleges.

TABLE 680.—Average money expenditures for family living, North Central and Southern farm operator families, classified by gross cash income, 1945 (preliminary)

NORTH CENTRAL<sup>1</sup>

Gross cash income class (dollars) <sup>2</sup>	Total expenditures for family living		Food	Housing	Household operation		Furnishings and equipment	Clothing	Auto-mob and other transportation	Personal care	Medical care	Recreation	Tobacco	Reading and education	Gifts	Miscellaneous expenses	Average family size <sup>3</sup>
	Dollars	Dollars			Fuel, light, and refrigeration	Other expenses											
All incomes <sup>4</sup> .....	1,425	490	38	110	58	79	257	69	35	101	35	22	25	88	18	3.7	
0-999.....	772	299	15	58	33	28	125	48	21	51	14	17	11	27	25	3.0	
1,000-1,999.....	1,062	405	28	85	44	38	179	59	24	99	17	16	20	41	7	3.6	
2,000-2,999.....	1,228	466	38	102	48	56	217	59	31	68	31	21	21	55	15	3.7	
3,000-3,999.....	1,464	489	29	113	59	91	295	74	39	117	39	24	26	83	17	3.9	
4,000-4,999.....	1,490	475	38	122	56	83	271	74	36	113	40	24	27	99	32	3.5	
5,000-7,499.....	1,638	561	32	125	73	99	295	78	38	95	41	24	30	123	23	3.9	
7,500-9,999.....	2,128	694	81	147	78	106	410	72	50	146	69	20	34	146	15	4.4	
10,000 and over.....	2,291	671	88	181	103	137	431	89	57	138	62	34	42	236	22	4.4	

SOUTH<sup>5</sup>

Gross cash income class (dollars) <sup>2</sup>	Total expenditures for family living		Food	Housing	Household operation		Furnishings and equipment	Clothing	Auto-mob and other transportation	Personal care	Medical care	Recreation	Tobacco	Reading and education	Gifts	Miscellaneous expenses	Average family size <sup>3</sup>
	Dollars	Dollars			Fuel, light, and refrigeration	Other expenses											
All incomes <sup>6</sup> .....	1,038	383	25	42	34	58	226	61	28	70	17	24	18	40	12	4.1	
0-949.....	552	264	6	18	15	23	113	18	13	35	4	16	5	15	7	3.2	
1,000-1,999.....	772	320	13	26	24	40	175	34	21	55	9	19	11	19	11	3.9	
2,000-2,999.....	877	338	19	34	21	49	204	58	25	51	12	23	12	23	8	4.5	
3,000-3,999.....	1,107	418	30	47	30	62	267	70	29	72	16	29	16	36	15	4.5	
4,000-4,999.....	1,222	425	39	61	35	70	295	83	33	76	20	27	23	48	16	4.9	
5,000-7,499.....	1,394	473	39	66	40	88	317	93	38	87	21	25	32	59	16	4.5	
7,500-9,999.....	1,574	541	25	71	55	88	338	92	44	107	35	41	25	80	32	4.0	
10,000 and over.....	1,838	571	47	86	66	138	381	105	56	118	45	41	37	99	19	4.1	
	2,334	734	111	79	92	177	517	113	67	131	86	38	65	110	14	4.6	
	2,515	713	88	107	215	111	482	166	75	185	71	35	68	188	21	3.8	

<sup>1</sup> Based on reports of 686 farm operator families in the East and West North Central States.  
<sup>2</sup> Gross cash income is the sum of receipts from farm marketings, Government payments, wages and salaries from off-farm work and other nonfarm income. Farm expenses are not deducted.  
<sup>3</sup> In year-equivalent persons.  
<sup>4</sup> Includes 25 families in the North Central States having unknown incomes.  
<sup>5</sup> Based on reports of 1,130 farm operator families in the South Atlantic, East South Central, and West South Central States.  
<sup>6</sup> Includes 27 families in the Southern States having unknown incomes.  
 Bureau of Human Nutrition and Home Economics. Compiled from the Survey of Farm Family Living Expenses, 1945.



TABLE 681.—*Farm-operator family level-of-living indexes: County averages, by States, 1940 and 1945*<sup>1</sup>

State and division	Average county index value		Change, 1940 to 1945	
	1940	1945	Index points	Percentage of 1940 index value
				<i>Percent</i>
Maine.....	98	116	18	18
New Hampshire.....	115	137	22	19
Vermont.....	106	125	19	18
Massachusetts.....	127	152	25	20
Rhode Island.....	138	158	20	14
Connecticut.....	138	170	32	23
New England.....	115	137	22	19
New York.....	120	145	25	21
New Jersey.....	140	176	36	26
Pennsylvania.....	102	122	20	20
Middle Atlantic.....	114	139	25	23
Ohio.....	113	134	21	19
Indiana.....	111	134	23	21
Illinois.....	113	139	26	23
Michigan.....	99	117	18	18
Wisconsin.....	107	131	24	22
East North Central.....	109	131	22	20
Minnesota.....	107	130	23	21
Iowa.....	133	162	29	22
Missouri.....	78	93	15	19
North Dakota.....	84	111	27	32
South Dakota.....	87	107	20	23
Nebraska.....	105	132	27	26
Kansas.....	101	135	34	34
West North Central.....	100	125	25	25
Delaware.....	100	136	36	36
Maryland.....	91	121	30	33
Virginia.....	58	72	14	24
West Virginia.....	54	65	11	20
North Carolina.....	46	60	14	30
South Carolina.....	41	55	14	34
Georgia.....	37	52	15	41
Florida.....	54	75	21	39
South Atlantic.....	49	65	16	33
Kentucky.....	49	61	12	24
Tennessee.....	36	50	14	39
Alabama.....	25	38	13	52
Mississippi.....	22	32	10	45
East South Central.....	35	48	13	37
Arkansas.....	25	37	12	48
Louisiana.....	34	51	17	50
Oklahoma.....	62	79	17	27
Texas.....	79	101	22	28
West South Central.....	62	81	19	31
Montana.....	83	107	24	29
Idaho.....	99	128	29	29
Wyoming.....	102	124	22	22
Colorado.....	96	122	26	27
New Mexico.....	( <sup>2</sup> ) 70	( <sup>2</sup> ) 70	( <sup>2</sup> )	( <sup>2</sup> )
Arizona.....	( <sup>2</sup> ) 115	( <sup>2</sup> ) 115	( <sup>2</sup> )	( <sup>2</sup> )
Utah.....	<sup>2</sup> 89	104	<sup>2</sup> 15	<sup>2</sup> 17
Nevada.....	105	129	24	23
Mountain.....	91	113	22	24

See footnotes at end of table.

TABLE 681.—*Farm-operator family level-of-living indexes: County averages, by States, 1940 and 1945*<sup>1</sup>—Continued

State and division	Average county index value		Change, 1940 to 1945	
	1940	1945	Index points	Percentage of 1940 index value
Washington.....	113	145	32	28
Oregon.....	112	136	24	21
California.....	132	161	29	22
Pacific.....	121	150	29	24
United States.....	80	100	20	25

<sup>1</sup>Indexes based on data from the 1940 and the 1945 Census of Agriculture. The index value shown for a State or a division is the unweighted average of the index values for all counties of that State or division.

The items on which the indexes of farm operator level-of-living are based include: (1) The percentage of farms with electricity in the farm dwelling; (2) the percentage of farms with telephone in farm dwelling; (3) the percentage of farms with automobiles; and (4) the average value of products sold or traded in the preceding year per farm reporting (adjusted for changes in purchasing power). The indexes show only the average level of living for a county and do not throw any light on the differences among farm operator families within the county.

<sup>2</sup>Indexes for 1940 were not computed for 11 counties in Arizona, 9 in New Mexico, and 1 in Utah; hence State averages are not shown for Arizona and New Mexico. Comparable data could not be obtained for these 21 counties because of differences between the two censuses in obtaining information on Indians living in reservations in these counties. The 1945 indexes for these counties are based on returns that do not include Indians in reservations.

Bureau of Agricultural Economics. Further details can be found in the processed report: Farm Operator Family Level-of-Living Indexes for Counties of the United States, 1940 and 1945.

## FOOTNOTES FOR TABLE 682:

- <sup>1</sup> Preliminary estimates. In computing averages, data were weighted by acreage harvested.
- <sup>2</sup> Obtained by dividing total pounds of production of 500-pound gross-weight bales by the acreage harvested.
- <sup>3</sup> Includes hauling and spreading manure.
- <sup>4</sup> Includes picking and snapping cotton, hauling to gin, hauling lint and cottonseed to local markets.
- <sup>5</sup> Includes miscellaneous labor, irrigation (including water), dusting, picking sacks and sheets, use of implements, use of storage buildings, overhead, and a charge for expenses incurred on acreage abandoned because of crop failure.
- <sup>6</sup> Includes a charge for rent on the acreage not harvested because of crop failure.
- <sup>7</sup> Estimated cost in 1946, if cotton yield and acreage abandonment had been the average of 1936-45. The average United States yield per harvested acre in that period was 260 pounds of lint (gross weight).
- <sup>8</sup> Includes the lower and upper coastal plain of Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and the black prairie belt of Alabama and Mississippi.
- <sup>9</sup> Includes the rolling and hilly uplands of Virginia, North Carolina, South Carolina, Georgia and Alabama, which border the Blue Ridge Mountains on the east and south.
- <sup>10</sup> Includes Tennessee exclusive of Lake County, the hilly cotton lands of northern Mississippi, northern Alabama, and northern Georgia, and western North Carolina.
- <sup>11</sup> Includes the principal bottom lands of the Mississippi, the Arkansas, and the Red Rivers.
- <sup>12</sup> Includes the hilly lands of Arkansas, Louisiana, southern Missouri, eastern Texas, and eastern Oklahoma.
- <sup>13</sup> Includes the Gulf-coast prairie of Texas and Louisiana, and the black waxy prairie of Texas.
- <sup>14</sup> Includes the dry-land areas of western Oklahoma, western Texas, and eastern New Mexico.
- <sup>15</sup> Includes California, Arizona, and the irrigated cotton of New Mexico and Texas.
- <sup>16</sup> Includes all cotton in Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Tennessee, Mississippi, Louisiana, Arkansas, Missouri, Oklahoma, Texas, New Mexico, California, and Arizona. These States produced 99.9 percent of the United States cotton crop of 1946.

Bureau of Agricultural Economics.

TABLE 682.—Cotton: Estimated cost of production, by selected States and regions, 1946, and the estimated cost per pound of lint on a 10-year average yield basis <sup>1</sup>

State and region	Acres harvested	Average yield of lint per acre <sup>2</sup>	Gross cost per acre								Credit per acre for cottonseed		Net cost of lint per acre		Net cost of lint per pound		
			Pre- pare and plant <sup>3</sup>	Culti- vate and hoe	Har- vest <sup>4</sup>	Fer- tilizer and ma- nure	Seed	Ginn- ing	Mis- cella- neous <sup>5</sup>	Land rent <sup>6</sup>	Total	Dollars	Dollars	Exclud- ing rent	Includ- ing rent	Exclud- ing rent	Includ- ing rent
			Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Cents
STATE																	
North Carolina	570	386	12.58	18.55	41.35	11.36	1.63	4.85	8.12	12.93	111.37	21.81	75.63	89.56	19.9	23.2	24.4
South Carolina	960	363	9.76	15.20	30.35	11.71	1.50	4.45	7.68	8.09	88.74	19.53	61.07	69.16	10.8	19.1	21.6
Georgia	1,210	230	10.17	15.16	19.86	8.99	1.60	2.37	7.20	5.48	71.33	12.35	53.50	58.98	23.3	25.6	24.3
Alabama	1,530	269	9.93	15.48	23.93	9.21	1.65	3.63	7.37	7.27	78.47	13.77	57.43	64.70	21.3	24.1	24.4
Tennessee	2,620	419	8.69	14.69	40.21	3.44	1.46	6.49	7.12	10.29	92.39	24.32	57.68	67.97	13.8	16.2	17.9
Mississippi	2,220	236	8.95	16.35	21.61	4.06	1.77	3.55	9.09	11.03	77.11	13.25	52.83	63.86	22.4	27.1	19.6
Louisiana	1,800	154	7.87	17.96	12.86	2.89	2.01	2.35	3.37	8.32	63.33	7.06	46.75	55.67	30.4	36.1	21.2
Arkansas	1,700	377	9.07	17.24	39.36	3.26	1.84	6.74	6.72	8.33	92.56	22.53	61.70	70.03	16.4	18.6	19.9
Oklahoma	1,020	128	6.19	13.20	13.16	1.37	1.80	2.85	6.34	5.52	49.43	8.65	35.26	40.78	27.5	31.9	26.2
Texas	6,000	139	5.77	10.77	12.95	1.42	1.81	2.60	6.68	6.90	47.60	8.48	32.52	39.12	23.4	28.1	23.3
REGION																	
Coastal Plain <sup>8</sup>	2,551	222	9.96	15.98	19.86	8.91	1.65	2.92	7.96	7.70	74.94	11.66	55.58	63.28	25.0	28.5	24.0
Piedmont <sup>9</sup>	1,510	311	10.82	15.73	28.50	10.25	1.57	3.72	7.48	7.55	85.92	17.39	60.68	68.53	19.5	22.0	23.3
Eastern hilly areas <sup>10</sup>	2,177	322	9.52	15.20	29.26	6.54	1.62	4.51	7.42	8.58	82.65	17.29	56.78	65.36	17.6	20.3	19.5
River bottom areas <sup>11</sup>	2,465	340	8.20	19.15	34.51	3.02	1.85	6.17	8.68	11.86	93.44	20.33	61.25	73.11	17.5	21.0	18.4
Western hilly areas <sup>12</sup>	2,124	230	9.14	15.43	23.10	2.52	1.83	4.08	6.83	6.29	69.27	13.25	49.73	56.02	21.6	24.4	22.2
Gulf Coast prairie and black prairie <sup>13</sup>	2,977	121	5.55	12.19	11.51	1.44	2.00	2.14	6.60	7.45	47.88	7.47	32.96	40.41	27.2	33.4	24.9
Western dry areas <sup>14</sup>	2,934	135	4.84	8.36	12.70	1.18	1.60	2.95	5.56	5.39	41.58	8.05	28.14	33.53	20.8	24.8	20.0
Irrigated areas <sup>15</sup>	863	575	11.44	16.31	60.18	1.62	1.96	9.26	24.62	19.27	143.66	38.38	86.01	105.28	15.0	18.3	20.7
United States <sup>16</sup>	17,602	245	8.10	14.35	23.58	3.84	1.76	3.96	8.01	8.37	71.97	14.25	49.35	57.72	20.1	23.6	22.5

See footnotes at bottom of page 602.

TABLE 683.—Corn, wheat, and oats: Estimated cost of production in 1946 and the estimated cost per bushel on a 10-year average yield basis <sup>1</sup>

Crop and group of States	Gross cost per acre										Credit per acre		Net cost per acre			Net cost per bushel	
	Average yield per acre	Pre- pare and plant <sup>2</sup>	Culti- vate and hoe	Har- vest <sup>3</sup>	Haul to market	Ferti- lizer and manure	Seed	Mis- cella- neous <sup>4</sup>	Land rent <sup>5</sup>	Total	Dollars for by- prod- uct	Exclud- ing rent	Exclud- ing rent	Exclud- ing rent	Includ- ing rent	1936-45 yield <sup>6</sup>	
	Bushels	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
COEN (FOR GRAIN)																	
Eastern:	1,000																
North <sup>7</sup>	35.6	9.51	7.66	10.42	3.72	4.51	1.20	5.59	8.51	51.12	3.77	38.84	47.35	1.33	1.58		
South <sup>8</sup>	17.4	6.94	7.20	5.74	2.01	3.27	.69	4.55	6.58	37.07	1.92	28.57	35.15	2.02	2.29		
Ohio, Indiana, Michigan, Wis- consin, and Minnesota	46.5	10.18	5.28	9.26	3.09	5.00	1.66	5.19	8.64	48.30	2.88	36.78	45.42	.79	.98	1.06	
Illinois and Iowa	57.0	7.99	4.31	7.07	3.52	2.67	1.70	4.77	10.41	42.44	1.18	30.85	41.26	.54	.72	.86	
Missouri and Nebraska	32.4	6.65	4.06	6.78	2.91	1.15	1.50	4.14	5.88	33.07	1.22	25.97	31.85	.80	.98	1.34	
Kansas, South Dakota, and North Dakota	6,435	6.30	3.70	6.14	2.72	1.07	1.34	3.84	3.93	29.04	1.19	23.92	27.85	.89	1.03	1.40	
Southwestern <sup>9</sup>	6,995	5.78	6.54	4.84	1.87	.99	.81	4.26	5.55	30.64	1.50	23.59	29.14	1.34	1.66	1.79	
Western <sup>10</sup>	699	5.78	5.00	5.91	2.12	.81	.73	5.78	4.84	30.97	1.74	24.39	29.23	1.16	1.39	1.79	
United States.....	79,439	7.83	5.37	7.27	2.92	2.85	1.35	4.69	7.65	39.93	1.90	30.38	38.03	.82	1.03	1.25	
WHEAT																	
Eastern:																	
North <sup>11</sup>	2,418	7.80		7.54	1.97	6.06	3.14	4.85	6.65	38.10	3.19	28.26	34.91	1.38	1.70	1.84	
South <sup>12</sup>	1,022	5.80		5.67	1.60	4.46	2.12	3.94	5.70	29.35	1.87	21.72	27.48	1.41	1.78	2.13	
Ohio, Indiana, and Michigan	4,061	6.76		5.88	1.69	5.40	3.03	4.11	8.34	35.21	1.84	25.03	33.37	1.01	1.35	1.62	
Wisconsin, Illinois, Iowa, and Missouri	2,698	6.06		5.46	1.51	2.85	2.39	4.12	7.07	29.46	1.02	21.37	28.44	1.30	1.73	1.72	
Nebraska, Kansas, Colorado, Texas, and Oklahoma	31,055	3.63		4.27	1.18	.23	1.61	3.30	4.08	18.30	.67	13.55	17.63	.86	1.12	1.34	
Minnesota, North Dakota, South Dakota, Montana, and W yon- ing	19,559	4.14		4.71	1.41	.38	2.07	3.37	3.11	19.19	.54	15.54	18.65	1.05	1.26	1.48	
Western <sup>13</sup>	6,262	6.23		6.58	2.17	.32	2.11	6.03	7.80	31.24	.71	22.73	30.53	.88	1.18	1.29	
United States.....	67,075	4.49		4.89	1.42	.98	1.97	3.72	4.65	22.12	.83	16.64	21.29	.97	1.24	1.40	

Region	2,455	35.1	8.14	8.19	2.21	4.77	2.45	6.19	36.79	4.25	26.35	32.54	.75	.88	1.11
Eastern: North <sup>1</sup>	2,309	28.7	4.74	6.72	1.83	3.40	1.83	3.93	28.13	2.10	20.35	26.03	.71	.91	1.07
South <sup>2</sup>	2,795	42.0	4.65	5.85	1.85	1.88	2.15	3.65	28.59	1.89	18.14	26.70	.43	.64	.77
Ohio and Indiana	9,786	40.3	5.58	7.16	1.83	1.33	3.94	3.94	27.87	2.66	19.49	25.21	.48	.63	.70
Michigan, Wisconsin, and Minnesota	9,441	39.9	3.49	6.23	1.77	.64	2.44	3.43	27.42	1.38	16.62	26.04	.42	.65	.71
Illinois and Iowa	11,650	28.5	3.82	6.04	1.50	.44	1.80	3.18	20.90	1.10	15.68	19.80	.55	.69	.78
Missouri, Nebraska, Kansas, South Dakota, and North Dakota	3,198	22.3	4.19	5.05	1.30	.50	1.79	3.41	4.50	.89	15.35	19.85	.69	.89	.93
Southwestern <sup>3</sup>	1,571	34.0	7.19	6.52	2.09	.83	1.73	6.83	32.20	1.63	23.56	30.37	.69	.90	.96
Western <sup>4</sup>	43,205	34.7	4.63	6.42	1.71	1.19	2.12	3.73	26.07	1.80	18.00	24.27	.52	.70	.77
United States															

<sup>1</sup> Preliminary estimates. States grouped mainly on basis of production practices and yields. In computing averages, data were weighted by acreage harvested.

<sup>2</sup> Includes hauling and spreading manure.

<sup>3</sup> Includes threshing for wheat and oats.

<sup>4</sup> Includes charges for water for irrigation, twine and sacks, use of implements, use of storage buildings, overhead including a small amount of miscellaneous labor; and a charge for expenses incurred on acreage abandoned because of crop failure.

<sup>5</sup> Includes a charge for rent on the acreage not harvested because of crop failure.

<sup>6</sup> Estimated costs in 1946 if yields and abandonment had been the average of 1936-45. The average United States yield per acre harvested in that period was for corn for grain 29.9 bushels, for wheat 15.6 bushels, and for oats 31.2 bushels.

<sup>7</sup> Includes the 6 New England States, and New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, Kentucky, and Tennessee.

<sup>8</sup> Includes North Carolina, South Carolina, Georgia, Florida, Alabama, and Mississippi.

<sup>9</sup> Includes Arkansas, Louisiana, Oklahoma, and Texas.

<sup>10</sup> Includes Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

<sup>11</sup> Includes the 6 New England States, and New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, and Kentucky.

<sup>12</sup> Includes North Carolina, South Carolina, Georgia, Tennessee, Alabama, Mississippi, and Arkansas.

<sup>13</sup> Includes Idaho, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, and California.

Bureau of Agricultural Economics.

TABLE 684.—*Production expenses of farm operators, United States, 1929-47*<sup>1</sup>

Year	Feed bought	Live-stock bought, excluding work stock	Fertilizer and lime	Operation of motor vehicles <sup>2</sup>	Maintenance or depreciation of buildings, machinery and equipment <sup>3</sup>	Wages of hired farm labor <sup>4</sup>	Farm property taxes levied <sup>5</sup>	Farm mortgage interest <sup>6</sup>	Net rent to non-farm-landlords <sup>7</sup>	Other expenses <sup>8</sup>	Total production expenses
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1929.....	919	461	293	509	1,273	1,284	641	582	672	1,146	7,780
1930.....	791	312	288	496	1,231	1,134	638	572	522	1,075	7,059
1931.....	448	220	202	420	1,047	847	581	559	320	990	5,634
1932.....	348	164	125	384	890	584	504	534	227	814	4,574
1933.....	422	168	128	374	805	512	434	472	315	744	4,374
1934.....	542	152	158	406	830	601	420	430	409	779	4,727
1935.....	528	269	177	455	870	740	431	396	491	774	5,111
1936.....	755	228	196	456	936	880	436	364	532	798	5,581
1937.....	805	282	248	512	1,039	1,039	448	341	510	902	6,126
1938.....	557	310	226	520	1,048	1,000	444	320	458	861	5,744
1939.....	732	404	240	545	1,088	982	452	305	502	838	6,088
1940.....	998	476	261	583	1,098	1,022	444	293	460	854	6,489
1941.....	1,089	585	292	644	1,236	1,243	455	286	710	939	7,479
1942.....	1,625	799	352	811	1,407	1,633	458	273	982	1,127	9,467
1943.....	2,137	779	423	926	1,579	2,019	470	247	1,088	1,231	10,899
1944.....	2,427	677	476	1,062	1,871	2,197	492	236	1,204	1,292	11,934
1945.....	2,702	870	510	1,113	2,067	2,312	551	220	1,221	1,335	12,901
1946.....	2,974	1,063	620	1,286	2,215	2,550	614	216	1,357	1,490	14,385
1947 <sup>9</sup> .....	3,783	1,302	685	1,505	2,579	2,791	705	222	1,534	1,768	16,874

<sup>1</sup> Recent revisions prior to 1940 not incorporated, as more comprehensive revisions are contemplated within the coming year.

<sup>2</sup> Includes expenditures for gasoline, oil, tires, and labor for repairing tractors; and gasoline, oil, tires, replacement parts, labor for repairs, registration fees, and insurance for automobiles and trucks. Only 40 percent of the total operating costs of automobiles is included as a production expense for 1929-41 and 1946; 50 percent for 1942-45.

<sup>3</sup> Estimated total amount that would need to be spent annually by farmers for labor and materials in order to maintain the condition of buildings, machinery, and equipment on farms at the beginning of the year in a constant state of repair.

<sup>4</sup> Cash wages and the value of perquisites supplied to hired farm laborers.

<sup>5</sup> Includes taxes levied against farm real estate and farm personal property.

<sup>6</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt.

<sup>7</sup> Gross rent paid to nonfarm landlords, including Government payments, minus the expenses of agricultural production charged against them. Beginning with 1940, farm mortgage interest paid by nonfarm landlords is also deducted. For earlier years, this item is duplicated in the farm mortgage interest series.

<sup>8</sup> Includes expenditures for horses and mules, insecticides, containers, twine, ginning, seeds and nursery stock, miscellaneous expenditures for operation of greenhouses and nurseries, electricity for production; gasoline, oil, and repairs for operating stationary gasoline and steam engines; grazing fees, irrigation charges; fire, windstorm, hail, and crop insurance; veterinary services and medicines, miscellaneous dairy supplies, blacksmithing and miscellaneous hardware supplies, short-term interest, and tolls for boiling down sugarcane sirup and sorgo sirup.

<sup>9</sup> Preliminary.

Bureau of Agricultural Economics.

LABOR REQUIRED ON FARMS

TABLE 685.—Labor required on farms: Estimated requirements in terms of man-hours for all farm work, by enterprises, United States, selected periods and years, 1910-47<sup>1</sup>

Enterprise	1910-14		1915-19		1920-24		1925-29		1930-34		1935-39		1940-44		1940		1941		1942		1943		1944		1945		1946 <sup>2</sup>		1947 <sup>2</sup>		
	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	Million man hours	man hours	
Milk cows.....	2,658	2,821	2,905	3,107	3,483	3,448	3,474	3,515	3,743	3,774	3,446	3,517	3,479	3,446	3,316	3,446	3,316	3,446	3,316	3,446	3,316	3,446	3,316	3,446	3,316	3,446	3,316	3,446	3,316	3,446	
Other cattle.....	634	693	581	543	602	643	721	689	608	529	531	632	750	559	760	558	546	546	546	546	546	546	546	546	546	546	546	546	546	546	
Hogs.....	438	495	511	498	436	436	242	242	242	242	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	
Sheep and wool.....	191	175	168	216	248	251	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	263	
Poultry <sup>3</sup> .....	786	810	872	992	988	943	1,127	999	1,013	1,013	1,114	1,252	1,257	1,260	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	1,198	
All productive livestock <sup>4</sup> .....	4,836	5,123	5,244	5,498	5,986	5,999	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322	6,322
Horses and mules.....	1,859	1,972	1,906	1,651	1,349	1,091	949	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944	944
All livestock.....	6,695	7,095	7,150	7,149	7,335	6,920	7,241	6,970	7,043	7,043	7,317	7,549	7,322	7,184	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904
Corn.....	3,539	3,498	3,296	2,999	2,910	2,594	2,331	2,393	2,323	2,323	2,323	2,323	2,283	2,121	2,112	2,112	2,112	2,112	2,112	2,112	2,112	2,112	2,112	2,112	2,112	2,112	2,112	2,112	2,112	2,112	2,112
Feed grain other than corn.....	702	800	727	694	584	537	588	581	600	600	622	567	568	537	528	528	528	528	528	528	528	528	528	528	528	528	528	528	528	528	528
Hay.....	878	1,039	1,046	836	836	907	1,045	1,057	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041
Cotton.....	3,937	3,421	3,247	4,086	3,367	2,749	2,269	2,456	2,177	2,177	2,388	2,183	2,142	1,730	1,722	1,722	1,722	1,722	1,722	1,722	1,722	1,722	1,722	1,722	1,722	1,722	1,722	1,722	1,722	1,722	1,722
Tobacco.....	457	579	597	649	683	655	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629	629
Wheat.....	767	805	736	611	510	503	402	425	432	432	377	359	418	425	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411	411
Food grains other than wheat.....	138	202	188	116	89	98	87	85	89	89	85	89	88	77	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
Sugar crops.....	197	234	215	161	199	205	179	182	180	180	206	167	161	181	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191
Truck crops.....	632	653	763	906	919	1,010	1,151	1,138	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127	1,127
Vegetables except truck.....	389	405	388	355	388	353	339	325	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327	327
Fruits and nuts.....	800	748	748	772	759	753	751	758	718	718	764	718	764	743	801	801	801	801	801	801	801	801	801	801	801	801	801	801	801	801	801
Oil crops.....	77	107	112	134	152	192	324	246	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243	243
Other crops.....	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217
All crops.....	12,790	12,704	12,280	12,637	11,561	10,801	10,338	10,472	10,083	10,083	10,581	10,225	10,331	9,795	9,883	9,883	9,883	9,883	9,883	9,883	9,883	9,883	9,883	9,883	9,883	9,883	9,883	9,883	9,883	9,883	9,883
Farm maintenance <sup>5</sup> .....	3,439	3,494	3,429	3,492	3,335	3,118	3,102	3,078	3,023	3,023	3,159	3,136	3,115	2,997	2,962	2,962	2,962	2,962	2,962	2,962	2,962	2,962	2,962	2,962	2,962	2,962	2,962	2,962	2,962	2,962	2,962
All farm work.....	22,924	23,293	22,859	23,278	22,231	20,839	20,681	20,520	20,149	20,149	21,057	20,910	20,768	19,976	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749	19,749

<sup>1</sup> Man-hours are in terms of the time required by average adult males to perform various farm tasks. Since many women, children, and older workers accomplish less in an hour than an average adult male, actual hours of work on many enterprises are in excess of those shown.

<sup>2</sup> Preliminary.  
<sup>3</sup> Includes labor required for chickens raised, hens and pullets for egg production, broilers, and turkeys.  
<sup>4</sup> Includes, in addition to the livestock listed above, the labor required for minor livestock enterprises, such as goats, bees, ducks, and geese.  
<sup>5</sup> Includes labor required for fencing, repairs to buildings, machinery and equipment, farm woods, pastures, general land maintenance, farm business, and other miscellaneous work.

Bureau of Agricultural Economics.

TABLE 686.—Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1944-46

Item	Quantity			Value		
	1944	1945	1946	1944	1945	1946
Agricultural lime and liming materials sold by producers:						
Lime from limestone:	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Quicklime.....	<sup>1</sup> 168,364	<sup>1</sup> 120,529	<sup>1</sup> 113,486	<sup>1</sup> 1,085,217	<sup>1</sup> 827,920	<sup>1</sup> 899,677
Hydrated.....	<sup>1</sup> 298,026	<sup>1</sup> 252,881	<sup>1</sup> 271,172	<sup>1</sup> 2,391,658	<sup>1</sup> 2,078,924	<sup>1</sup> 2,251,936
Oystershells, crushed for fertilizer lime <sup>2</sup> .....	109,989	<sup>3</sup> 138,032	60,691	329,708	<sup>4</sup> 572,399	357,119
Limestone pulverized.....	18,941,220	17,395,570	22,781,750	25,316,219	25,862,317	32,482,907
Calcareous marl.....	178,036	154,122	213,448	171,599	188,311	248,530
Total.....	19,695,635	18,061,134	23,440,547	29,294,401	29,559,871	36,240,169
Phosphate rock sold or used by producers:						
Sold for direct application to soil	<i>Long tons</i>	<i>Long tons</i>	<i>Long tons</i>			
	256,736	<sup>5</sup> 411,643	528,097			
Florida:						
Hard rock.....	22,500	63,491	100,881	138,952	425,061	762,127
Soft rock.....	60,087	71,715	97,067	259,523	293,433	387,708
Land pebble.....	3,670,208	4,103,022	4,807,563	13,136,472	15,578,980	19,867,339
Tennessee <sup>4</sup> .....	1,324,849	1,294,297	1,362,600	5,975,337	6,062,688	7,014,490
Other States.....	298,999	274,198	492,602	1,346,145	1,589,915	3,012,157
Total.....	5,376,643	5,806,723	6,860,713	20,856,429	23,951,077	31,043,821

<sup>1</sup> Lime from oystershells included with lime from limestone.<sup>2</sup> Figures supplied by Fish and Wildlife Service, Department of Interior.<sup>3</sup> Revised.<sup>4</sup> Includes sintered matrix.<sup>5</sup> Virginia included with Tennessee.

Bureau of Agricultural Economics. Compiled from reports of the Bureau of Mines. Figures for earlier years appear in previous issues of Agricultural Statistics and the Yearbook.



TABLE 687.—Agricultural liming materials and total fertilizer: Consumption on farms, by States, 1943-47

State and division	Agricultural liming materials <sup>1</sup>				Total fertilizer <sup>2</sup>				
	1943	1944	1945	1946 <sup>3</sup>	1943	1944	1945	1946	1947 <sup>4</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
Maine.....	65	100	93	102	217	221	235	277	285
New Hampshire.....	16	38	34	57	28	21	22	28	22
Vermont.....	68	105	107	87	31	38	45	46	43
Massachusetts.....	37	66	69	80	87	90	89	89	84
Rhode Island.....	7	10	12	12	15	15	17	18	18
Connecticut.....	45	70	72	113	76	74	92	83	78
New York.....	527	792	830	833	503	479	532	550	574
New Jersey.....	170	214	200	223	223	240	245	260	243
Pennsylvania.....	1,121	1,272	1,389	1,381	414	488	466	525	521
North Atlantic.....	2,056	2,667	2,806	2,988	1,594	1,666	1,743	1,876	1,868
Ohio.....	1,521	1,787	1,351	2,184	528	591	635	731	775
Indiana.....	1,477	1,896	2,101	2,686	396	479	568	693	804
Illinois <sup>5</sup> .....	3,221	3,985	4,225	5,356	111	196	270	321	366
Michigan.....	515	702	580	970	264	288	340	393	393
Wisconsin.....	1,121	1,933	1,780	1,984	179	217	268	302	357
Minnesota.....	300	281	325	300	54	75	108	126	140
Iowa.....	1,922	1,990	2,333	3,184	60	95	145	215	232
Missouri.....	1,483	1,614	1,291	2,732	150	180	198	302	268
Kansas.....	142	540	615	919	32	47	38	61	117
Other States.....					6	6	7	19	58
North Central.....	11,702	14,728	14,601	20,285	1,780	2,174	2,572	3,163	3,510
Delaware.....	35	34	44	54	45	45	49	52	55
Maryland.....	194	229	296	336	209	216	218	245	256
District of Columbia.....					2	2	2	2	2
Virginia.....	1,098	817	839	900	535	563	628	685	669
West Virginia.....	478	513	290	499	69	60	60	92	99
North Carolina.....	672	600	367	605	1,444	1,407	1,530	1,717	1,633
South Carolina.....	132	508	192	104	895	811	823	944	944
Georgia.....	85	114	90	212	1,146	1,081	1,139	1,142	1,097
Florida.....	121	61	67	86	723	830	917	1,061	872
South Atlantic.....	2,815	2,876	2,185	2,796	5,068	5,015	5,366	5,940	5,647
Kentucky.....	1,222	1,115	888	902	262	309	405	376	506
Tennessee.....	620	1,212	1,500	629	302	343	375	359	380
Alabama.....	226	260	133	143	829	823	781	905	713
Mississippi.....	64	813	327	227	509	456	537	477	532
Arkansas.....	61	93	115	165	203	172	155	173	179
Louisiana.....	40	300	55	95	220	234	270	259	229
Oklahoma.....	56	415	288	448	25	23	31	59	84
Texas.....	3	11	59	104	202	225	260	396	414
South Central.....	2,292	4,219	3,365	2,713	2,552	2,555	2,814	3,004	3,037
Washington.....	15	22	29	50	54	56	62	91	105
Oregon.....	23	26	21	40	39	42	45	74	91
California.....	29	31	48	60	322	428	488	575	598
Other States.....					54	89	112	151	183
Western.....	70	79	98	150	469	615	707	891	977
United States.....	18,935	24,569	23,055	28,932	11,463	12,055	13,202	14,874	15,039

<sup>1</sup> Ground limestone. Other materials converted to this basis. Data based on surveys made by State agricultural college agronomists. Includes county surveys of producers and data from county extension agents and AAA offices. Data for 1929-36 in Agricultural Statistics, 1945, table 601, and for 1937-42 in Agricultural Statistics, 1946, table 645. Data for 1947 not available when this table was prepared.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes fertilizer distributed by the AAA and the Tennessee Valley Authority. Compiled from reports of National Fertilizer Association. Data for 1935-42 in Agricultural Statistics, 1945, table 602.

<sup>4</sup> Revised.

<sup>5</sup> Includes limestone screenings, used in some counties, which is coarser than ground limestone in the usual meaning.

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 688.—Plant food: Tonnages<sup>1</sup> of plant food and of commercial fertilizers consumed in the United States, average 1935-39, annual 1945<sup>2</sup> and 1946

State or Territory and year	Nitrogen	Phosphoric oxide	Potash	Com- mercial fertilizer	State or Territory and year	Nitrogen	Phosphoric oxide	Potash	Com- mercial fertilizer
<b>Maine:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<b>South Dakota:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1935-39	7,663	14,113	16,494	135,221	1935-39	1	67	1	160
1945	14,586	24,114	31,563	241,615	1945	6	128	19	740
1946	15,213	27,796	32,056	266,992	1946	124	685	139	3,945
<b>New Hampshire:</b>					<b>Nebraska:</b>				
1935-39	747	1,910	975	14,789	1935-39	20	519	7	1,377
1945	1,166	3,982	1,878	29,373	1945	385	774	4	3,445
1946	1,156	3,659	1,812	27,764	1946	1,557	2,183	40	10,305
<b>Vermont:</b>					<b>Kansas:</b>				
1935-39	610	4,105	1,004	21,500	1935-39	145	2,840	175	12,402
1945	1,036	8,680	2,026	50,086	1945	341	9,718	575	40,251
1946	1,090	7,631	2,399	44,663	1946	1,295	11,345	1,022	55,192
<b>Massachusetts:</b>					<b>Delaware:</b>				
1935-39	3,761	5,974	4,023	67,379	1935-39	1,062	3,704	2,908	38,609
1945	4,742	9,149	6,031	92,792	1945	1,609	5,346	3,907	47,109
1946	4,792	8,578	6,052	88,762	1946	1,975	6,344	4,326	55,332
<b>Rhode Island:</b>					<b>Maryland:</b>				
1935-39	588	1,073	730	10,881	1935	4,855	17,039	11,019	170,075
1945	853	2,016	1,370	17,559	1945	8,145	25,614	15,576	218,788
1946	841	2,112	1,356	18,863	1946	8,755	29,466	16,859	244,899
<b>Connecticut:</b>					<b>Dist. of Columbia:</b>				
1935-39	3,097	4,772	3,628	57,493	1935-39	76	180	63	1,400
1945	4,712	7,806	5,507	90,987	1945	66	135	64	1,292
1946	4,467	7,019	5,248	82,412	1946	96	190	86	1,904
<b>New York:</b>					<b>Virginia:</b>				
1935-39	12,141	39,949	14,667	321,442	1935-39	15,206	41,965	15,582	413,486
1945	21,638	74,636	29,813	555,228	1945	20,532	73,942	28,688	617,550
1946	22,106	74,068	29,778	564,438	1946	23,419	81,425	32,052	673,709
<b>New Jersey:</b>					<b>West Virginia:</b>				
1935-39	7,556	15,392	12,241	168,399	1935-39	1,345	9,783	2,133	60,551
1945	11,592	27,564	20,821	247,248	1945	1,870	10,862	2,698	72,022
1946	12,229	29,839	21,725	264,312	1946	2,040	14,881	3,377	96,410
<b>Pennsylvania:</b>					<b>North Carolina:</b>				
1935-39	8,055	42,427	16,749	341,153	1935-39	47,373	84,210	46,730	1,082,874
1945	15,141	65,405	30,780	485,824	1945	73,195	124,426	79,897	1,485,003
1946	17,383	72,775	33,880	548,834	1946	75,975	154,114	94,840	1,706,027
<b>Ohio:</b>					<b>South Carolina:</b>				
1935-39	7,471	45,428	17,512	335,316	1935-39	34,557	47,960	28,654	669,113
1945	17,760	80,894	46,239	639,209	1945	47,120	65,336	43,893	788,704
1946	18,417	94,437	51,658	748,121	1946	48,257	76,678	50,373	881,964
<b>Indiana:</b>					<b>Georgia:</b>				
1935-39	4,383	29,603	17,844	217,020	1935-39	35,640	59,647	31,320	735,959
1945	10,434	63,252	48,035	525,883	1945	52,385	93,124	50,224	1,031,658
1946	13,192	78,709	52,527	642,871	1946	54,385	107,047	59,904	1,183,044
<b>Illinois:</b>					<b>Florida:</b>				
1935-39	1,059	4,340	2,659	43,835	1935-39	26,877	36,007	33,873	524,520
1945	4,725	38,640	21,908	550,266	1945	37,871	55,733	57,795	820,934
1946	8,051	47,263	29,371	614,836	1946	42,404	66,531	62,488	950,547
<b>Michigan:</b>					<b>Kentucky:</b>				
1935-39	3,083	17,250	8,989	131,799	1935-39	2,213	23,329	2,916	120,769
1945	8,536	44,841	26,647	340,178	1945	8,512	50,139	11,704	346,286
1946	9,866	53,383	27,249	392,673	1946	11,574	49,555	15,412	372,693
<b>Wisconsin:</b>					<b>Tennessee:</b>				
1935-39	1,052	5,000	3,436	38,523	1935-39	3,197	19,014	4,327	136,126
1945	8,259	33,575	24,470	262,611	1945	11,524	51,971	13,921	360,581
1946	8,250	43,165	27,955	316,703	1946	15,425	56,257	17,384	429,094
<b>Minnesota:</b>					<b>Alabama:</b>				
1935-39	289	1,827	1,271	12,059	1935-39	29,328	43,442	21,449	522,793
1945	1,669	22,036	6,626	124,553	1945	43,868	86,047	30,721	833,443
1946	3,065	29,091	8,799	165,567	1946	46,891	93,676	35,770	899,781
<b>Iowa:</b>					<b>Mississippi:</b>				
1935-39	142	1,405	600	9,039	1935-39	22,620	17,362	8,876	261,834
1945	1,610	27,855	8,246	170,846	1945	38,492	40,570	14,716	490,617
1946	5,422	32,913	10,463	215,791	1946	53,456	46,366	19,377	587,122
<b>Missouri:</b>					<b>Arkansas:</b>				
1935-39	1,269	11,756	1,772	74,832	1935-39	4,227	4,314	2,525	60,196
1945	2,540	27,932	6,870	171,712	1945	8,920	13,863	9,417	140,902
1946	5,097	38,830	10,285	249,106	1946	18,582	18,910	12,212	209,773
<b>North Dakota:</b>					<b>Louisiana:</b>				
1935-39	4	174	5	540	1935-39	11,768	9,929	4,132	135,280
1945	132	1,362	566	7,801	1945	17,036	20,175	6,594	228,231
1946	270	2,017	861	12,354	1946	21,593	23,310	9,127	258,894

See footnotes at end of table.

TABLE 688.—Plant food: Tonnages<sup>1</sup> of plant food and of commercial fertilizers consumed in the United States, average 1935-39, annual 1945<sup>2</sup> and 1946—Cont'd.

State or Territory and year	Nitrogen	Phosphoric oxide	Potash	Commercial fertilizer	State or Territory and year	Nitrogen	Phosphoric oxide	Potash	Commercial fertilizer
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>		<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Oklahoma:					Nevada:				
1935-39.....	253	729	303	7,082	1935-39.....	18	109	9	440
1945.....	602	3,221	589	26,396	1945.....	39	77	15	467
1946.....	1,077	5,158	1,104	46,996	1946.....	21	142	5	523
Texas:					Washington:				
1935-39.....	3,981	8,730	3,066	78,106	1935-39.....	1,457	2,607	1,444	25,119
1945.....	15,031	33,835	7,044	277,676	1945.....	5,869	9,981	2,960	80,727
1946.....	19,933	46,111	9,298	361,618	1946.....	8,415	13,098	3,503	111,989
Montana:					Oregon:				
1935-39.....	58	1,669	42	4,154	1935-39.....	1,077	1,823	895	16,581
1945.....	207	3,238	4	8,329	1945.....	3,776	6,976	1,875	53,040
1946.....	468	3,856	37	11,512	1946.....	8,654	9,691	2,460	95,119
Idaho:					California:				
1935-39.....	47	1,961	81	5,603	1935-39.....	26,007	14,069	6,034	209,123
1945.....	1,563	7,730	597	40,722	1945.....	67,449	45,140	18,209	970,526
1946.....	2,576	10,500	820	64,704	1946.....	94,918	53,361	17,890	1,118,997
Wyoming:					United States:				
1935-39.....	10	792	10	1,728	1935-39.....	337,338	703,826	353,280	7,310,426
1945.....	9	1,172	1	4,297	1945.....	602,516	1,417,014	721,704	13,673,537
1946.....	53	1,652	10	5,521	1946.....	723,681	1,653,060	823,948	15,800,153
Colorado:					Alaska:				
1935-39.....	101	978	54	3,134	1935-39.....	8	30	10	167
1945.....	941	4,665	230	20,403	1945.....	12	38	20	145
1946.....	2,327	5,491	265	26,604	1946.....	22	78	30	330
New Mexico:					Hawaii:				
1935-39.....	72	752	7	2,401	1935-39.....	17,610	7,644	8,871	126,730
1945.....	335	3,214	66	12,006	1945.....	18,539	4,714	11,619	116,976
1946.....	747	3,226	29	11,134	1946.....	12,024	4,874	8,772	82,739
Arizona:					Puerto Rico:				
1935-39.....	750	881	33	6,281	1935-39.....	16,288	7,968	12,925	147,814
1945.....	3,035	3,643	258	38,815	1945.....	23,394	12,837	20,281	197,769
1946.....	4,966	5,166	191	44,751	1946.....	19,914	12,929	19,459	204,127
Utah:					United States including non-contiguous Territories <sup>3</sup> :				
1935-39.....	27	1,017	13	1,930	1935-39.....	371,244	719,568	375,086	7,585,137
1945.....	281	2,480	47	8,806	1945.....	644,461	1,434,603	753,624	13,988,427
1946.....	816	3,360	74	14,988	1946.....	755,641	1,670,941	852,209	16,087,349

<sup>1</sup> Includes Government distribution, secondary and minor element fertilizers, but not liming materials.

<sup>2</sup> Revised.

<sup>3</sup> Including the Territories of Alaska, Hawaii, and Puerto Rico. The consumption of commercial fertilizers in other noncontiguous Territories is negligible.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Additional data are given in the Journal of the American Society of Agronomy 37, 595-609 (1945).

TABLE 689.—*Plant food: Average plant food content and tonnages of commercial fertilizers consumed in the United States, 1929-47*<sup>1</sup>

Year	Mixed fertilizers				All fertilizers			
	Nitrogen	Phosphoric oxide	Potash	Tonnage	Nitrogen	Phosphoric oxide	Potash	Tonnage
	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent	1,000 tons
1929.....	3.00	9.90	4.70	5,508	4.29	9.43	4.12	8,208
1930.....	3.10	9.80	5.00	5,616	4.47	9.41	4.20	8,425
1931.....	3.20	9.70	5.10	4,405	4.60	9.34	4.20	6,541
1932.....	3.30	9.60	5.20	3,200	4.66	9.08	4.22	4,545
1933.....	3.40	9.40	5.30	3,664	4.70	9.07	4.35	5,110
1934.....	3.55	9.18	5.37	4,096	4.75	9.14	4.53	5,794
1935.....	3.49	9.32	5.51	4,482	4.77	9.14	4.69	6,534
1936.....	3.61	9.29	5.69	5,047	4.85	9.32	4.85	7,222
1937.....	3.68	9.34	5.84	5,852	4.88	9.41	4.93	8,433
1938.....	3.72	9.41	6.09	5,326	4.95	9.59	5.07	7,758
1939.....	3.74	9.43	6.18	5,474	4.98	9.88	5.12	7,993
1940.....	3.76	9.64	6.50	5,513	4.85	10.57	5.04	8,656
1941.....	3.83	9.69	6.70	5,928	4.88	10.59	4.98	9,381
1942.....	3.68	9.69	6.95	6,837	3.93	11.16	5.40	10,131
1943.....	3.21	10.49	7.17	8,150	4.30	10.58	5.47	11,754
1944.....	3.87	10.32	6.93	8,713	4.76	10.56	4.87	13,330
1945.....	3.96	10.27	7.51	9,254	4.56	10.12	5.37	13,988
1946.....	3.88	10.45	7.17	11,158	4.70	10.39	5.30	16,087
1947 <sup>2</sup> .....	3.98	10.48	7.00	11,800	4.65	10.31	5.10	16,900

<sup>1</sup> Including Hawaii and Puerto Rico, also fertilizers distributed by Government agencies.<sup>2</sup> Preliminary.

Bureau of Plant Industry, Soils, and Agricultural Engineering.

TABLE 690.—Sources of plant food in commercially mixed fertilizers, United States, selected years, 1929-47

Year	Nitrogen				Phosphoric oxide			Potash		
	Ammonia and its salts	Nitrates	Natural organics	Organic chemicals	Normal superphosphate	Concentrated phosphates <sup>1</sup>	All other	High-grade salts <sup>2</sup>	Manure salts <sup>3</sup>	All other
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929	48.2	19.0	22.2	10.6	87.4	5.1	7.5	54.3	38.5	7.2
1935	53.0	18.3	21.9	6.8	86.6	7.5	5.9	77.5	6.1	16.4
1939	58.2	15.6	15.3	10.9	85.4	10.0	4.6	90.8	3.3	5.9
1941	59.0	11.5	15.8	13.7	87.5	9.1	3.4	91.5	6.0	2.5
1942	65.9	11.7	14.1	8.3	87.8	9.0	3.2	91.5	6.1	2.4
1943	67.4	17.5	9.6	5.5	93.0	5.0	2.0	91.0	7.0	2.0
1944	72.0	13.1	8.3	6.6	93.6	4.0	2.4	88.1	9.4	2.5
1945	72.1	13.4	7.6	6.9	92.8	5.8	1.4	90.4	4.6	5.0
1946	72.8	15.1	5.4	6.7	93.0	5.7	1.3	90.3	4.5	5.2
1947 <sup>4</sup>	73.3	15.5	5.0	6.2	91.3	7.5	1.2	90.6	4.4	5.0

<sup>1</sup> Concentrated superphosphate and ammonium phosphates.

<sup>2</sup> Muriate and sulfate.

<sup>3</sup> From 1929 to 1935, inclusive, most of it was 20 percent manure salts; and since then it has averaged about 25 percent K<sub>2</sub>O. Sulfate of potash-magnesia is included under "All other."

<sup>4</sup> Preliminary.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Additional statistics will be found in Circular No. 756, Consumption and Trends in the Use of Fertilizer in the Year Ended June 30, 1944.

TABLE 691.—Insecticides and fungicides: Average wholesale price per pound, f. o. b. works, 1938-47<sup>1</sup>

Year	Arsenic, white, powder <sup>2</sup>	Bordeaux mixture <sup>3</sup>	Calcium arsenate <sup>4</sup>	Cube root, 5-percent rotenone	Lead arsenate, powder <sup>5</sup>	Nicotine sulfate, 40-per-cent blackleaf	Paris green	Pyrethrum 9.9-percent pyrethrins, coarse-ground
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1938	3.0	11.0	6.9	26.2	12.2	67.0	24.4	23.5
1939	3.0	11.0	6.8	24.0	10.7	67.0	24.0	30.6
1940	3.2	11.0	6.5	23.5	9.2	67.0	24.0	29.4
1941	3.7	11.0	6.7	24.6	9.6	68.1	24.4	21.5
1942	4.0	11.0	7.4	39.2	11.4	79.4	25.0	26.0
1943	4.0	11.0	7.5	35.0	11.3	79.8	23.2	27.0
1944	4.0	11.0	7.5	37.5	11.2	79.8	22.7	29.5
1945	4.0	11.0	7.8	40.0	11.3	79.8	23.5	31.5
1946	4.4	11.0	7.8	42.6	12.9	80.6	24.5	<sup>5</sup> 33.8
1947	6.0	17.5	9.4	54.7	21.4	90.0	31.0	<sup>5</sup> 33.2

<sup>1</sup> Average of weekly quotations.

<sup>2</sup> F.o.b. New York.

<sup>3</sup> Prior to 1943 f.o.b. New York.

<sup>4</sup> Prior to 1942 f.o.b. New York.

<sup>5</sup> Fine ground.

Bureau of Agricultural Economics. Compiled from the Oil, Paint, and Drug Reporter, and records of the Bureau of Labor Statistics.

TABLE 692.—Number of farms electrified, average kilowatt-hours used, and unit of cost of electricity of farms, United States, 1929-47

Year	Total farms electrified	East of 100th meridian			West of 100th meridian		
		Farms electrified	Electric energy used per farm	Average cost per kilowatt-hour <sup>1</sup>	Farms electrified	Electric energy used per farm <sup>2</sup>	Average cost per kilowatt-hour <sup>1</sup>
	<i>Number</i>	<i>Number</i>	<i>Kilowatt-hours</i>	<i>Cents</i>	<i>Number</i>	<i>Kilowatt-hours</i>	<i>Cents</i>
1929	576,150	395,530	672	7.50	180,620	7,804	1.63
1930	649,900	451,203	745	7.03	198,697	7,768	1.66
1931	698,800	493,243	775	6.93	205,557	7,479	1.68
1932	709,450	503,040	765	6.62	206,410	5,727	1.83
1933	713,550	507,514	770	6.44	206,036	6,041	1.73
1934	743,950	534,199	811	6.12	209,751	6,833	1.62
1935	788,800	572,521	873	5.57	216,279	5,673	1.78
1936	1,042,900	766,689	954	5.10	276,211	5,618	1.72
1937	1,215,400	900,600	1,014	4.72	314,800	5,179	1.80
1938	1,406,500	1,066,573	1,045	4.50	339,927	4,435	1.93
1939	1,764,000	1,361,000	1,127	4.41	403,000	5,201	1.71
1940	2,050,000	1,598,208	1,073	4.33	451,792	4,396	1.95
1941	2,296,000	1,782,600	1,133	4.02	513,400	3,520	2.20
1942	2,400,000	1,860,500	1,239	3.88	539,500	3,853	2.19
1943	2,475,000	1,916,700	1,481	3.75	558,300	3,683	2.21
1944	2,629,800	2,032,700	1,461	3.73	597,100	3,894	2.08
1945	2,929,000	2,250,900	1,571	3.66	678,100	3,943	2.09
1946	3,335,700	2,551,300	1,669	3.58	784,400	4,474	1.99
1947	3,817,100	2,915,000	1,802	3.41	902,100	4,815	1.79

<sup>1</sup> These rates do not include charges for the amortization of investment in lines or charges for line extensions where such are levied by the utility.

<sup>2</sup> The data on energy used for farms west of the 100th meridian vary year by year, depending on the proportion of the total consumption used for irrigation pumping. As more non-irrigation consumers are served the average consumption is reduced. Hence, the figures for the West are not strictly comparable to those for the East.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the Edison Electric Institute.

TABLE 693.—*Taxes levied on farm property and automotive taxes paid by farmers, United States, 1929-47*

Year	Property taxes levied <sup>1</sup>		Automotive taxes paid		
	Farm real estate	Farm personal property <sup>2</sup>	Licenses and permits	Motor fuel taxes	
				State	Federal
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929	567,493	73,323	52,808	55,626	-----
1930	566,956	71,082	55,092	63,108	-----
1931	526,454	54,678	53,217	61,873	-----
1932	461,670	42,779	49,831	56,895	8,953
1933	399,168	34,377	44,713	56,687	22,827
1934	384,842	35,146	44,815	60,586	18,821
1935	393,878	36,758	46,948	65,745	20,604
1936	396,277	39,886	50,830	70,570	21,438
1937	406,967	41,203	56,181	74,959	23,199
1938	401,998	42,108	55,702	76,057	24,222
1939	408,565	42,949	56,472	77,771	26,105
1940	401,780	43,885	58,723	79,265	35,850
1941	406,413	50,283	62,906	81,761	45,382
1942	401,771	58,795	<sup>3</sup> 97,599	76,661	46,034
1943	403,008	69,475	<sup>3</sup> 86,893	72,843	46,556
1944	421,476	73,628	<sup>3</sup> 86,680	74,545	49,080
1945	471,181	<sup>4</sup> 83,000	<sup>3</sup> 89,824	<sup>5</sup> 82,001	<sup>5</sup> 52,765
1946	524,621	<sup>4</sup> 92,000	<sup>5</sup> 77,604	<sup>5</sup> 95,135	<sup>5</sup> 58,209
1947	600,161	<sup>4</sup> 105,000	<sup>4</sup> 90,838	<sup>4</sup> 106,444	<sup>4</sup> 63,329

<sup>1</sup> Levies rather than payments are shown for property taxes because data for payments are not available for many States. For the country as a whole, levies and payments probably are about equal over long periods.

<sup>2</sup> Includes taxes levied against motor vehicles under general property tax laws.

<sup>3</sup> Includes Federal motor vehicle use taxes.

<sup>4</sup> Preliminary.

<sup>5</sup> Revised.

Bureau of Agricultural Economics.

TABLE 694.—*Tax levies on farm real estate: Amount per acre, index numbers of amount per acre, and amount per \$100 of value, United States, 1909-47*

Year	Taxes per acre		Taxes per \$100 of value <sup>2</sup>	Year	Taxes per acre		Taxes per \$100 of value <sup>2</sup>	Year	Taxes per acre		Taxes per \$100 of value <sup>3</sup>
	Amount	Index <sup>1</sup> (1909-13 =100)			Amount	Index <sup>1</sup> (1909-13 =100)			Amount	Index <sup>1</sup> (1909-13 =100)	
	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
1909	0.19	90	0.48	1922	0.54	261	0.96	1935	0.37	180	1.15
1910	.19	91	.47	1923	.55	266	1.01	1936	.38	181	1.16
1911	.21	99	.50	1924	.55	265	1.03	1937	.39	186	1.19
1912	.21	103	.49	1925	.56	270	1.07	1938	.38	183	1.19
1913	.24	117	.55	1926	.56	271	1.12	1939	.39	186	1.23
1914	.24	118	.56	1927	.57	277	1.15	1940	.38	183	1.22
1915	.26	128	.57	1928	.58	279	1.18	1941	.38	182	1.18
1916	.28	136	.57	1929	.58	281	1.19	1942	.37	177	1.08
1917	.31	151	.58	1930	.57	277	1.30	1943	.36	175	.95
1918	.33	160	.57	1931	.53	254	1.44	1944	.37	181	.91
1919	.41	200	.59	1932	.46	220	1.54	1945	.41	199	.90
1920	.51	244	.79	1933	.39	188	1.28	1946	.46	222	.90
1921	.54	259	.94	1934	.37	178	1.19	1947	.53	254	.96

<sup>1</sup> Index numbers computed before rounding tax-per-acre data to nearest cent.

<sup>2</sup> Derived from the tax-per-acre figures and value figures based on census reports and this Bureau's farm real estate value indexes.

Bureau of Agricultural Economics. Data from 1890 in Agricultural Statistics, 1941, table 712.





Delaware.....	.32	.33	.33	.33	.35	130	134	133	131	134	133	139	50	.46	.42	.37	.32	.34
Maryland.....	.80	.78	.79	.82	1.01	212	205	203	209	216	229	267	1.17	1.05	.46	.42	.37	.32
Virginia.....	.27	.27	.27	.27	.33	243	243	240	246	247	255	297	.56	.56	.51	.43	.40	.38
West Virginia.....	.16	.16	.16	.16	.17	138	138	136	136	142	148	148	.49	.45	.42	.41	.36	.32
North Carolina.....	.37	.38	.38	.40	.41	474	473	482	486	503	517	554	.93	.80	.71	.63	.52	.53
South Carolina.....	.29	.29	.25	.24	.23	227	221	193	190	187	179	190	.96	.94	.71	.63	.56	.48
Georgia.....	.15	.15	.16	.18	.24	135	136	139	147	167	222	224	.71	.66	.59	.58	.67	.67
Florida.....	.49	.51	.52	.56	.87	457	472	482	521	622	804	819	1.37	1.44	1.47	1.59	1.67	2.06
South Atlantic.....	.30	.30	.30	.31	.34	247	249	249	259	280	320	340	.87	.83	.75	.71	.68	.70
Kentucky.....	.32	.35	.37	.38	.45	216	230	235	248	252	299	351	.81	.81	.76	.72	.63	.74
Tennessee.....	.40	.40	.41	.43	.45	288	288	288	294	307	321	336	1.06	.98	.88	.84	.73	.66
Alabama.....	.21	.21	.21	.22	.22	235	237	239	243	247	246	250	.95	.91	.80	.75	.65	.53
Mississippi.....	.31	.28	.27	.27	.28	223	204	198	197	197	202	206	1.16	1.00	.91	.82	.69	.59
East South Central.....	.31	.31	.31	.32	.35	240	239	239	245	250	268	285	.98	.92	.84	.79	.67	.64
Arkansas.....	.29	.30	.32	.33	.31	201	206	216	223	221	216	212	1.05	1.02	.97	.87	.78	.64
Louisiana.....	.35	.34	.34	.33	.35	233	226	226	223	226	233	235	.93	.80	.76	.70	.67	.59
Oklahoma.....	.24	.23	.23	.23	.24	128	124	120	122	130	132	170	.96	.86	.81	.75	.66	.63
Texas.....	.14	.14	.13	.14	.15	236	249	232	239	268	260	309	.71	.69	.57	.55	.49	.52
West South Central.....	.18	.18	.18	.18	.19	188	193	185	189	204	201	235	.81	.77	.70	.64	.60	.57
Montana.....	.10	.09	.09	.10	.12	159	141	140	139	162	178	214	1.36	1.17	1.08	1.02	1.00	1.10
Idaho.....	.44	.38	.42	.43	.52	59	66	66	66	62	62	249	1.39	1.14	1.14	1.09	1.21	1.39
Wyoming.....	.06	.05	.06	.06	.07	184	165	175	181	193	208	238	1.05	.84	.92	.86	.75	.78
Colorado.....	.19	.18	.18	.20	.21	173	183	161	164	178	191	215	1.58	1.43	1.27	1.15	1.11	1.03
New Mexico.....	.05	.04	.04	.05	.06	208	223	210	209	216	264	270	1.78	.95	.67	.61	.66	.71
New Mexico.....	.06	.06	.06	.08	.08	115	103	94	92	130	131	197	1.18	.97	.88	.79	.97	.88
Arizona.....	.31	.28	.28	.28	.35	202	188	185	187	233	235	315	1.48	1.27	1.16	1.10	1.31	1.26
Utah.....	.15	.15	.15	.17	.18	244	246	246	233	262	270	307	1.30	1.32	1.27	1.46	1.33	1.31
Nevada.....	.12	.11	.11	.13	.14	149	137	137	139	161	174	208	1.32	1.16	1.05	.97	1.03	1.12
Mountain.....	.30	.30	.32	.31	.43	107	107	114	111	151	222	214	.76	.70	.58	.70	.92	.85
Washington.....	.25	.27	.21	.24	.36	168	183	168	162	181	244	261	.92	.95	.65	.68	.67	.87
Oregon.....	.83	.79	.76	.87	.99	233	224	215	246	280	375	427	1.16	1.04	.86	.88	1.06	1.25
California.....	.54	.53	.50	.57	.66	186	183	174	195	228	310	342	1.05	.97	.79	.80	.82	1.01
Pacific.....	.38	.37	.36	.37	.41	182	177	175	181	199	222	254	1.18	1.08	.95	.91	.90	.96
United States.....																		

<sup>1</sup> Index numbers computed before rounding tax-per-acre data to nearest cent. Bureau of Agricultural Economics. Data for earlier years in Agricultural Statistics, 1942, tables 766-768 and prior volumes.  
<sup>2</sup> Revised.

TABLE 696.—*Motor-vehicle registrations and imposts on highway users, including State motor-vehicle registration fees, etc., State motor-fuel taxes, and special State imposts on motor vehicles operated for hire (motor-carrier taxes), 1929-47*<sup>1</sup>

Year	Motor-vehicle registrations and fees				Motor-fuel consumption and taxes			Motor-carrier taxes, net total receipts of calendar year
	Registered motor vehicles, private and commercial			Net total receipts of calendar year	Weighted average tax rate per gallon during year	Approximate consumption of motor fuel by motor vehicles	Net total receipts of calendar year	
	Passenger automobiles, taxicabs, and busses	Motor trucks, tractor trucks, etc.	Total					
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>Cents</i>	<i>1,000 gallons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929-----	23,094,420	3,408,088	26,502,508	<sup>2</sup> 347,697	3.22	14,139,301	431,636	( <sup>2</sup> )
1930-----	23,013,252	3,518,747	26,531,999	<sup>2</sup> 355,580	3.35	14,753,911	494,683	( <sup>2</sup> )
1931-----	22,372,282	3,489,756	25,862,038	<sup>2</sup> 344,313	3.48	15,456,662	537,589	( <sup>2</sup> )
1932-----	20,875,833	3,256,776	24,132,609	<sup>2</sup> 325,104	3.60	14,339,151	514,139	( <sup>2</sup> )
1933-----	20,631,202	3,245,505	23,876,707	<sup>2</sup> 301,314	3.65	14,348,152	519,403	( <sup>2</sup> )
1934-----	21,523,608	3,430,396	24,954,004	307,260	3.66	15,414,896	566,642	9,494
1935-----	22,553,878	3,675,865	26,229,743	322,974	3.80	16,344,697	619,677	12,427
1936-----	24,170,854	4,001,464	28,172,318	359,783	3.85	18,099,138	691,420	15,137
1937-----	25,456,939	4,249,219	29,706,158	399,613	3.91	19,455,454	761,998	16,216
1938-----	25,232,228	4,210,477	29,442,705	388,825	3.96	19,611,643	771,764	16,421
1939-----	26,208,385	4,406,702	30,615,087	412,494	3.96	20,714,352	821,656	18,055
1940-----	27,445,038	4,590,386	32,035,424	439,178	3.96	22,001,356	870,136	17,913
1941-----	29,612,901	4,859,244	34,472,145	490,666	3.99	24,192,397	957,312	20,576
1942-----	27,970,839	4,608,086	32,578,925	448,968	3.99	19,939,887	844,855	21,896
1943-----	26,019,432	4,480,176	30,499,608	425,022	4.05	16,004,250	659,125	24,702
1944-----	25,572,849	4,513,340	30,086,189	419,479	4.06	16,429,668	680,950	26,141
1945-----	25,803,687	4,834,742	30,638,429	440,341	4.10	19,148,968	783,691	27,248
1946-----	28,220,125	5,725,692	33,945,817	520,780	4.16	25,648,998	1,064,681	30,538
1947-----	30,847,835	6,512,628	37,360,463	611,650	4.25	28,215,705	1,206,305	34,447

<sup>1</sup> In some cases these figures have been revised from those previously reported.

<sup>2</sup> Motor-carrier fees included with registration fees prior to 1934. Segregation not available.

Public Roads Administration, Federal Works Agency.

TABLE 697.—Motor-vehicle registrations and imposts on highway users, including State motor-vehicle registration fees, etc., State motor-fuel taxes, and special State imposts on motor vehicles operated for hire (motor-carrier taxes), by States, 1946

State	Motor-vehicle registrations and fees				Motor-fuel consumption and taxes			Motor-carrier taxes, net total receipts of calendar year
	Registered motor vehicles, private and commercial			Net total receipts of calendar year	Tax rate per gallon at end of year	Approximate consumption of motor fuel by motor vehicles	Net total receipts of calendar year	
	Passenger automobiles, taxicabs, and busses	Motor trucks, tractor trucks, etc.	Total					
	Number	Number	Number	1,000 dollars	Cents	1,000 gallons	1,000 dollars	1,000 dollars
Maine.....	172,628	57,198	229,826	4,671	4	173,001	6,934	20
New Hampshire.....	110,126	31,889	142,015	3,214	4	97,930	3,878	6
Vermont.....	88,578	13,007	101,585	2,830	4	74,062	3,026	-----
Massachusetts.....	840,618	129,293	969,911	8,211	3	708,444	20,251	183
Rhode Island.....	168,254	25,554	193,808	3,518	3	128,877	3,843	44
Connecticut.....	472,670	77,170	549,840	8,153	3	369,415	11,127	743
New York.....	2,279,442	362,993	2,642,435	57,447	4	1,832,816	69,935	23
New Jersey.....	954,259	171,021	1,125,280	24,473	3	863,763	24,098	100
Pennsylvania.....	1,854,736	329,535	2,184,271	39,216	4	1,566,737	62,863	10
Ohio.....	1,847,211	240,057	2,087,268	35,491	4	1,479,915	57,367	722
Indiana.....	900,380	166,309	1,066,689	13,223	4	761,509	30,097	182
Illinois.....	1,614,428	241,628	1,856,056	26,488	3	1,472,055	43,037	-----
Michigan.....	1,402,215	176,880	1,579,095	26,672	3	1,218,535	34,926	674
Wisconsin.....	746,909	160,940	907,849	15,419	4	623,550	24,450	2,097
Minnesota.....	676,373	131,237	807,610	10,290	4	572,869	22,437	47
Iowa.....	624,473	116,546	741,019	13,497	4	547,987	21,515	416
Missouri.....	780,338	184,868	965,206	12,264	2	742,173	14,199	600
North Dakota.....	139,221	53,868	193,089	1,705	4	95,328	3,855	54
South Dakota.....	150,782	42,162	192,944	1,327	4	143,914	5,366	815
Nebraska.....	351,331	85,144	436,475	3,685	5	246,696	14,931	47
Kansas.....	502,738	142,087	644,825	4,926	4	392,197	16,106	1,569
Delaware.....	58,270	14,559	72,829	1,410	4	64,615	2,516	-----
Maryland.....	440,798	84,413	525,211	7,999	4	343,888	13,395	-----
District of Columbia.....	112,398	14,954	127,352	1,710	3	142,018	4,129	450
Virginia.....	510,339	116,746	627,085	9,523	6	520,280	28,525	735
West Virginia.....	260,222	63,942	324,164	8,175	5	253,473	11,954	279
North Carolina.....	556,574	123,748	680,322	11,655	6	596,222	37,411	1,505
South Carolina.....	319,191	74,322	393,513	3,094	6	294,043	18,257	437
Georgia.....	453,501	122,114	575,615	3,841	6	495,202	30,793	127
Florida.....	479,463	117,624	597,087	14,158	7	487,225	36,579	621
Kentucky.....	388,699	100,568	489,267	6,726	5	391,868	19,022	796
Tennessee.....	424,915	101,598	526,513	7,835	7	427,792	32,571	280
Alabama.....	326,410	103,837	430,247	6,957	6	364,153	22,907	645
Mississippi.....	223,391	95,536	318,927	4,016	6	287,282	17,019	167
Arkansas.....	224,596	94,241	318,837	4,857	6.5	252,990	16,922	4
Louisiana.....	331,330	92,169	423,499	4,500	7	347,953	25,009	320
Oklahoma.....	431,529	128,124	559,653	8,954	7.5	393,146	30,986	438
Texas.....	1,425,451	369,409	1,794,860	34,312	4	1,530,572	60,325	284
Montana.....	120,753	54,296	175,049	1,794	5	126,237	6,232	93
Idaho.....	124,299	45,441	169,740	1,720	6	134,394	7,913	114
Wyoming.....	67,252	24,177	91,429	858	4	79,126	3,545	571
Colorado.....	303,254	84,864	388,118	3,463	4	270,239	10,526	1,187
New Mexico.....	98,847	34,855	133,702	2,239	5	140,647	7,133	506
Arizona.....	124,685	35,044	159,729	1,905	5	154,948	7,585	581
Utah.....	139,743	31,318	171,061	1,689	4	136,413	5,580	-----
Nevada.....	39,267	10,790	50,057	450	4	53,488	2,149	472
Washington.....	527,513	117,173	644,686	5,399	5	481,310	23,620	389
Oregon.....	361,634	99,025	460,659	4,855	5	339,190	16,920	2,832
California.....	2,668,091	431,419	3,099,510	39,966	3	2,428,511	70,917	8,353
Total.....	28,220,125	5,725,692	33,945,817	520,780	1 4.16	25,648,998	1,064,681	30,538

<sup>1</sup> Weighted average rate.

TABLE 698.—*Motor-vehicle registrations and imposts on highway users, including State motor-vehicle registration fees, etc., State motor-fuel taxes, and special States imposts on motor vehicles operated for hire (motor-carrier taxes), by States, 1947*

State	Motor-vehicle registration and fees			Motor-fuel consumption and taxes			Motor-carrier taxes, net total receipts of calendar year	
	Registered motor vehicles, private and commercial			Net total receipts of calendar year	Tax rate per gallon at end of year	Approximate consumption of motor fuel by motor vehicles		Net total receipts of calendar year
	Passenger automobiles, taxicabs, and busses	Motor trucks, tractor trucks, etc.	Total					
	Number	Number	Number	1,000 dollars	Cents	1,000 gallons	1,000 dollars	1,000 dollars
Maine.....	180,992	59,438	240,430	5,103	6	188,466	9,759	26
New Hampshire.....	115,228	35,043	150,271	3,517	4	107,710	4,265	6
Vermont.....	93,063	14,406	107,469	3,177	4.5	81,049	3,511	-----
Massachusetts.....	895,324	142,319	1,037,643	8,841	3	768,584	22,882	167
Rhode Island.....	179,440	28,152	207,592	3,748	4	140,053	4,960	59
Connecticut.....	507,857	81,794	589,651	9,349	4	405,469	13,611	739
New York.....	2,492,841	396,368	2,889,209	59,006	4	1,988,952	76,161	19
New Jersey.....	1,034,402	186,232	1,220,634	28,665	3	947,052	26,974	108
Pennsylvania.....	1,994,455	372,231	2,366,686	43,606	4	1,693,179	69,953	10
Ohio.....	1,968,918	270,254	2,239,202	40,181	4	1,621,801	66,445	1,004
Indiana.....	958,576	192,581	1,151,157	13,046	4	836,577	33,281	226
Illinois.....	1,752,252	277,749	2,030,001	30,131	3	1,583,260	46,538	-----
Michigan.....	1,599,097	200,481	1,799,578	31,220	3	1,344,928	39,030	819
Wisconsin.....	795,494	181,443	976,937	19,490	4	693,675	27,546	2,465
Minnesota.....	726,509	148,533	875,042	11,823	4	597,861	23,405	52
Iowa.....	679,025	137,760	816,785	15,182	4	575,028	22,954	550
Missouri.....	833,691	205,458	1,039,149	13,689	2	817,550	16,626	665
North Dakota.....	152,531	60,777	213,308	2,595	4	149,988	7,357	64
South Dakota.....	168,283	50,623	218,906	1,767	4	165,832	6,176	1,153
Nebraska.....	370,828	96,019	466,847	5,098	5	271,494	10,732	49
Kansas.....	534,667	162,550	697,217	5,904	4	427,888	19,023	1,952
Delaware.....	63,180	16,322	79,502	1,493	4	69,341	2,729	-----
Maryland.....	448,788	90,809	539,597	10,442	5	376,113	16,574	-----
District of Columbia.....	140,377	15,756	156,133	1,993	4	155,240	5,062	466
Virginia.....	567,695	132,996	700,691	9,758	6	567,290	33,410	575
West Virginia.....	272,359	76,940	349,299	10,263	5	277,130	13,706	337
North Carolina.....	618,531	147,703	766,234	14,208	6	657,209	41,109	1,513
South Carolina.....	359,347	90,472	449,819	3,708	6	324,961	20,690	489
Georgia.....	503,284	145,251	648,535	4,513	6	540,087	34,044	134
Florida.....	555,522	137,549	693,071	16,652	7	549,090	41,681	635
Kentucky.....	431,236	118,461	549,697	9,343	5	432,361	21,666	1,205
Tennessee.....	478,771	122,111	600,882	9,964	7	471,928	34,755	94
Alabama.....	362,902	121,088	483,990	8,544	6	403,851	25,761	674
Mississippi.....	242,842	109,273	352,115	4,745	6	316,803	19,061	129
Arkansas.....	242,212	110,646	352,858	5,559	6.5	277,099	18,491	4
Louisiana.....	360,698	105,958	466,656	5,837	7	384,633	27,487	54
Oklahoma.....	467,998	143,078	611,076	10,900	5.5	438,694	25,890	448
Texas.....	1,587,680	435,821	2,023,501	42,977	4	1,691,734	66,854	285
Montana.....	132,202	61,181	193,383	2,095	5	140,969	6,869	107
Idaho.....	140,228	51,137	191,365	2,133	6	143,734	8,538	118
Wyoming.....	73,868	25,745	99,613	1,144	4	91,217	4,135	643
Colorado.....	328,188	94,737	422,925	3,960	6	302,824	16,328	1,413
New Mexico.....	114,656	40,831	155,487	2,834	5	155,832	7,542	623
Arizona.....	143,749	42,295	186,044	2,366	5	177,270	8,586	696
Utah.....	149,070	35,670	184,740	1,965	4	151,422	6,257	-----
Nevada.....	44,622	12,330	56,952	564	4	58,851	2,393	553
Washington.....	578,169	133,415	711,584	7,901	5	524,676	25,860	405
Oregon.....	406,655	115,845	522,500	6,079	5	383,410	18,875	3,491
California.....	2,999,533	478,967	3,478,500	54,572	4.5	2,745,540	95,063	9,223
Total.....	30,847,835	6,512,628	37,360,463	611,650	<sup>1</sup> 4.25	28,215,705	1,206,305	34,447

<sup>1</sup> Weighted average rate.

Public Roads Administration, Federal Works Agency.

TABLE 699.—Interest rates on outstanding farm-mortgage debt, by geographic divisions, Jan. 1, 1929-48<sup>1</sup>

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929	5.8	5.8	5.8	5.7	6.4	6.1	6.6	6.7	6.5	6.0
1930	5.8	5.8	5.8	5.6	6.3	6.1	6.6	6.7	6.5	6.0
1931	5.8	5.9	5.8	5.6	6.3	6.1	6.6	6.7	6.5	6.0
1932	5.8	5.9	5.8	5.6	6.3	6.1	6.5	6.7	6.5	6.0
1933	5.8	5.9	5.8	5.7	6.2	6.1	6.5	6.7	6.5	6.0
1934	5.7	5.7	5.6	5.5	5.9	5.7	6.2	6.3	6.2	5.8
1935	5.5	5.5	5.3	5.3	5.5	5.4	5.8	5.9	5.8	5.5
1936	5.3	5.3	4.9	4.9	5.1	5.0	5.2	5.4	5.4	5.1
1937	5.2	5.2	4.8	4.7	5.1	5.0	5.0	5.3	5.3	4.9
1938	5.0	5.1	4.6	4.5	4.9	4.9	4.8	5.0	5.1	4.7
1939	4.9	5.1	4.5	4.4	4.9	4.8	4.7	4.9	5.0	4.6
1940	4.9	4.9	4.5	4.3	4.9	4.8	4.5	4.8	4.9	4.6
1941	4.8	4.8	4.4	4.2	4.7	4.7	4.4	4.7	4.8	4.5
1942	4.8	4.8	4.3	4.2	4.7	4.7	4.4	4.6	4.8	4.4
1943	4.7	4.7	4.3	4.2	4.6	4.7	4.4	4.6	4.7	4.4
1944	4.7	4.7	4.3	4.1	4.6	4.6	4.3	4.5	4.7	4.4
1945	4.8	4.7	4.4	4.3	4.7	4.8	4.5	4.7	4.8	4.5
1946	4.9	4.8	4.4	4.3	5.0	5.0	4.6	4.9	4.9	4.6
1947	4.9	4.7	4.4	4.3	5.0	5.0	4.6	4.8	4.8	4.6
1948	4.9	4.7	4.4	4.3	5.1	5.0	4.6	4.8	4.7	4.6

<sup>1</sup> Contract rates, except for temporarily reduced rates on Federal land bank loans, 1934-44, and on Federal Farm Mortgage Corporation loans, 1938-45.

Bureau of Agricultural Economics.

TABLE 700.—Interest charges payable on outstanding farm-mortgage debt, by geographic divisions, 1929-47<sup>1</sup>

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	9,711	27,077	110,152	207,122	33,853	26,454	72,904	37,790	56,936	581,999
1930	10,086	26,866	107,039	198,084	31,974	25,961	72,072	38,691	58,983	569,756
1931	10,459	27,331	108,250	190,660	30,090	25,330	69,712	38,235	57,941	553,008
1932	10,765	27,201	88,282	180,603	27,611	23,955	65,986	36,056	55,301	525,760
1933	10,390	25,458	89,590	161,555	24,331	21,321	58,556	31,467	49,615	472,283
1934	9,889	23,553	83,498	146,291	23,299	20,270	52,933	27,309	43,378	430,420
1935	9,338	22,269	78,630	134,923	21,894	18,758	47,081	25,014	38,185	396,092
1936	8,765	21,113	73,470	121,544	20,912	18,391	42,162	22,677	35,440	364,474
1937	8,332	20,289	69,501	110,886	20,169	18,022	38,793	20,854	33,884	340,730
1938	7,890	19,485	66,050	102,235	19,733	18,100	35,627	19,020	31,954	320,094
1939	7,503	18,771	64,225	95,869	19,606	18,207	33,270	17,575	30,423	305,449
1940	7,181	17,909	62,260	90,648	19,199	18,236	31,754	16,769	29,135	293,091
1941	6,819	17,228	60,226	87,226	19,048	18,096	31,314	16,116	27,721	284,294
1942	6,425	16,543	57,139	84,369	18,471	17,396	30,308	15,038	26,158	271,847
1943	5,939	15,340	50,832	76,740	17,085	15,640	27,188	13,311	23,742	245,817
1944	5,650	14,359	46,845	71,152	16,359	14,728	25,659	12,644	22,769	220,165
1945	5,473	13,783	44,224	65,797	16,613	14,657	24,463	12,551	22,552	220,113
1946	5,379	14,023	<sup>2</sup> 42,419	<sup>2</sup> 60,044	18,424	<sup>2</sup> 15,525	24,466	12,972	23,085	<sup>2</sup> 216,337
1947	5,484	14,814	42,376	56,113	20,876	16,737	26,285	14,414	24,443	221,542

<sup>1</sup> Interest charges payable during calendar year. Excludes amounts paid by Secretary of the Treasury to Federal land banks, 1933-44, and Federal Farm Mortgage Corporation, 1937-45, as reimbursement for interest reductions granted borrowers.

<sup>2</sup> Revised.

Bureau of Agricultural Economics.

TABLE 701.—*Loan and bond rates and bond yields, selected series, United States, 1929-47*

Year	Federal land banks <sup>1</sup>			Federal Farm Mortgage Corporation <sup>1</sup>			Federal intermediate credit banks <sup>1</sup>		Prime commercial paper (4-6 months) <sup>9, 10</sup>	Federal reserve bank discount rates, New York <sup>11</sup>
	Loan rates <sup>2, 3</sup>	Bond rates <sup>4</sup>	Bond yields <sup>5</sup>	Loan rates <sup>6</sup>	Bond rates <sup>4</sup>	Bond yields <sup>7</sup>	Discount rates <sup>8</sup>	De-benture rates <sup>8</sup>		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929	5.32	4.53	4.62				5.61	4.92	5.85	4½-6
1930	5.63	4.53	4.58				4.54	3.39	3.59	2-4½
1931	5.63	4.52	5.13				4.08	3.21	2.63	1½-3½
1932	5.61	4.53	5.32				4.23	3.33	2.73	2½-3½
1933	5.30	4.45	5.18				3.10	2.55	1.72	2-3½
1934	5.00	4.24	4.17	5.00	2.99	3.11	2.29	1.83	1.02	1½-2
1935	4.32	3.86	3.13	5.00	2.87	2.77	2.00	1.50	.76	1½
1936	4.00	3.60	2.81	5.00	2.87	2.42	2.00	1.50	.75	1½
1937	4.00	3.54	2.75	5.00	2.87	2.42	2.00	1.50	.95	1-1½
1938	4.00	3.53	2.37	5.00	2.88	1.75	2.00	1.24	.81	1
1939	4.00	3.53	1.90	5.00	2.98	1.07	1.58	.88	.59	1
1940	4.00	3.53	1.70	5.00	3.00	.59	1.50	.75	.56	1
1941	4.00	3.53	(12)	5.00	3.00	<sup>13</sup> 70	1.50	.70	.54	1
1942	4.00	3.48	(12)	5.00	2.93	<sup>13</sup> 90	1.50	.77	.66	1½ 1
1943	4.00	3.42	(12)	5.00	3.03	<sup>15</sup> 64	1.50	.81	.69	1½ 1
1944	4.00	3.06	(12)	5.00	<sup>16</sup> 1.00	(17)	1.50	.87	.73	1½ 1
1945	4.00	2.45	(12)	5.00	<sup>16</sup> 1.00	(17)	1.50	.88	.75	1½ 1
1946	4.00	1.55	1.36	5.00			1.50	.93	.81	1
1947	4.00	1.55	1.46	5.00			1.53	1.11	1.03	1

<sup>1</sup> Farm Credit Administration.

<sup>2</sup> In computing rates, each farm credit district is given equal weight, but within each district rates are weighted by number of days in force.

<sup>3</sup> Contract rates on loans through national farm loan associations. Temporarily reduced rate in effect between July 11, 1933, and June 30, 1935, was 4.5 percent, and between July 1, 1935, and June 30, 1944, 3.5 percent.

<sup>4</sup> Based on bonds outstanding on Dec. 31, each year, excluding bonds owned by the issuing agency.

<sup>5</sup> Average of daily yields on asked prices of all long-term issues, except those callable in 5 years or less. Average for 1946 based on yields on bonds issued after Jan. 31, 1945, and due or callable between 1948 and 1955; these yields are to call date where price was above par, but to maturity where price was at or below par.

<sup>6</sup> Contract rate. Temporarily reduced rate in effect between July 22, 1937, and June 30, 1940, was 4.0 percent; between July 1, 1940, and June 30, 1944, was 3.5 percent; and between July 1, 1944, and June 30, 1945, was 4.0 percent. Authority to make new loans expired July 1, 1947.

<sup>7</sup> Average of daily yields on all outstanding issues with a minimum original term of 7 years or more.

<sup>8</sup> Based on debentures issued during the year.

<sup>9</sup> Board of Governors of Federal Reserve System.

<sup>10</sup> Prevailing open-market rates in New York City.

<sup>11</sup> Discounting rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper.

<sup>12</sup> All outstanding bonds from May 1, 1941, to Feb. 1, 1945, were callable in 5 years or less. Yield for 1945 not shown because of refinancing activities.

<sup>13</sup> Excludes two issues quoted on a negative yield basis.

<sup>14</sup> A rate of one-half of 1 percent was effective from Oct. 30, 1942, to Apr. 23, 1946, on advances secured by Government obligations maturing or callable in 1 year or less.

<sup>15</sup> Both of the bond issues included were callable in 1944.

<sup>16</sup> Represents only one issue of bonds.

<sup>17</sup> After May 15, 1944, all outstanding bonds were held by United States Treasury.

Bureau of Agricultural Economics.

TABLE 702.—Farmers' mutual fire insurance, United States, 1929-45<sup>1</sup>

Year	Companies <sup>2</sup>		Amount of insurance in force at end of year	Cost per \$100 of insurance			Surplus and reserves at end of year <sup>3</sup>
	Number	1,000 dollars		Losses	Expenses	Total	
			Cents	Cents	Cents	1,000 dollars	
1929-----	1,876	11,118,510	21.8	6.6	28.4	-----	
1930-----	1,886	11,382,104	24.8	6.8	31.6	-----	
1931-----	1,863	11,292,339	24.1	6.9	31.0	-----	
1932-----	1,847	10,974,082	24.9	7.1	32.0	-----	
1933-----	1,826	10,466,384	21.2	7.3	28.5	-----	
1934-----	1,852	10,571,508	19.7	7.2	26.9	-----	
1935-----	1,941	11,083,300	15.7	7.5	23.2	33,656	
1936-----	1,936	11,339,510	20.7	7.4	28.0	35,083	
1937-----	1,924	11,569,476	16.5	7.6	24.1	37,479	
1938-----	1,914	11,868,569	18.0	8.0	26.0	40,105	
1939-----	1,904	12,143,881	18.4	8.2	26.6	41,819	
1940-----	1,898	12,294,287	17.1	8.1	25.2	45,474	
1941-----	1,885	12,518,913	16.2	8.4	24.6	50,119	
1942-----	1,877	12,982,390	14.6	8.1	22.7	55,797	
1943-----	1,878	13,777,555	16.2	7.7	23.9	61,413	
1944 <sup>4</sup> -----	1,847	14,221,012	15.9	7.8	23.7	63,490	
1945 <sup>5</sup> -----	1,849	15,185,720	15.7	8.0	23.7	70,739	

<sup>1</sup> For 1929-33, data are for companies with more than 65 percent of their insurance on farm property, and thereafter for companies with more than 50 percent.

<sup>2</sup> Number of companies for which data could be obtained. Variations from year to year in this column may not represent real variation in the number of companies operating.

<sup>3</sup> Excess of assets over liabilities. Most of the farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves. Data not compiled prior to 1935.

<sup>4</sup> Revised.

<sup>5</sup> Preliminary.

Bureau of Agricultural Economics. Data for 1934-41 from Farm Credit Administration. All data compiled from published State reports, supplemented by information from State insurance officials, officers of farmers' mutuals, and others.

TABLE 703.—Farmers' mutual fire insurance, by States, 1945<sup>1</sup>

State and division	Com- panies <sup>2</sup>	Amount of insurance in force at end of year	Cost per \$100 of insurance			Surplus and reserves at end of year <sup>3</sup>
			Losses	Expenses	Total	
	Number	1,000 dollars	Cents	Cents	Cents	1,000 dollars
Maine.....	38	100,482	37.4	25.8	63.2	310
New Hampshire.....	14	39,178	27.0	28.1	55.1	314
Vermont.....	4	99,014	40.4	8.9	49.3	239
Massachusetts <sup>4</sup> .....	0	0	0	0	0	0
Rhode Island.....	2	5,000	9.4	14.6	24.0	173
Connecticut.....	4	25,280	21.4	16.2	37.6	401
New England.....	62	268,954	35.0	18.6	53.6	1,437
New York.....	127	684,153	22.1	10.1	32.2	3,870
New Jersey.....	11	177,241	14.6	17.9	32.5	1,991
Pennsylvania.....	162	1,324,277	15.3	8.5	23.8	7,389
Middle Atlantic.....	300	2,185,671	17.4	9.7	27.1	13,250
Ohio.....	96	1,173,680	15.7	3.9	19.6	2,557
Indiana.....	73	934,777	16.8	6.7	23.5	3,067
Illinois.....	204	939,480	13.6	5.5	19.1	2,758
Michigan.....	60	934,875	23.2	9.7	32.9	3,212
Wisconsin.....	195	1,530,620	14.0	4.5	18.5	3,782
East North Central.....	628	5,513,432	16.3	5.8	22.1	15,376
Minnesota.....	156	1,264,383	10.3	4.0	14.3	3,493
Iowa.....	150	1,637,083	13.3	4.7	18.0	5,487
Missouri.....	115	404,377	21.1	7.7	28.8	1,539
North Dakota.....	34	156,805	11.6	8.0	19.6	1,140
South Dakota.....	42	370,802	8.1	5.0	13.1	1,374
Nebraska.....	45	607,817	7.8	7.0	14.8	2,493
Kansas.....	15	769,508	15.9	14.9	30.8	3,145
West North Central.....	557	5,210,775	12.5	6.6	19.1	18,671
Delaware.....	3	5,907	11.9	12.9	24.8	153
Maryland.....	14	513,762	17.7	15.2	32.9	5,458
Virginia.....	39	189,384	13.9	13.6	27.5	2,425
West Virginia.....	14	90,732	9.9	12.9	22.8	1,126
North Carolina.....	28	67,912	18.5	7.8	26.3	900
South Carolina.....	9	12,350	27.5	20.8	48.3	342
Georgia.....	20	31,774	28.1	14.9	43.0	567
Florida <sup>4</sup> .....	0	0	0	0	0	0
South Atlantic.....	127	911,821	16.6	14.1	30.7	10,971
Kentucky.....	17	90,790	20.9	16.4	37.3	1,628
Tennessee.....	30	59,427	14.3	12.7	27.0	343
Alabama.....	2	4,829	23.7	34.1	57.8	49
Mississippi <sup>4</sup> .....	0	0	0	0	0	0
East South Central.....	49	155,046	18.5	15.5	34.0	2,020
Arkansas.....	15	50,303	25.3	19.6	44.9	269
Louisiana <sup>4</sup> .....	0	0	0	0	0	0
Oklahoma.....	6	100,482	36.5	21.3	57.8	955
Texas.....	45	147,608	20.6	7.1	27.7	1,179
West South Central.....	66	298,393	26.7	13.9	40.6	2,403
Montana.....	12	28,394	12.9	8.2	21.1	190
Idaho.....	9	83,757	14.0	8.5	22.5	349
Wyoming.....	3	4,787	8.8	13.8	22.6	43
Colorado.....	5	69,059	10.6	13.7	24.3	442
New Mexico <sup>4</sup> .....	0	0	0	0	0	0
Arizona <sup>4</sup> .....	0	0	0	0	0	0
Utah.....	1	20,500	9.5	17.9	27.4	265
Nevada <sup>4</sup> .....	0	0	0	0	0	0
Mountain.....	30	206,497	12.1	11.3	23.4	1,289
Washington.....	5	93,447	21.5	16.3	37.8	1,484
Oregon.....	5	45,900	13.5	12.9	26.4	573
California.....	20	295,784	16.3	18.7	35.0	3,265
Pacific.....	30	435,131	17.1	17.6	34.7	5,322
United States.....	1,849	15,185,720	15.7	8.0	23.7	70,739

See footnotes at bottom of page 625.



TABLE 704.—Farm fire losses, United States, 1937-47 <sup>1</sup>

Year	Amount	Year	Amount	Year	Amount
	<i>Million dollars</i>		<i>Million dollars</i>		<i>Million dollars</i>
1937.....	66	1941.....	68	1945.....	80
1938.....	73	1942.....	64	1946 <sup>2</sup> .....	82
1939.....	76	1943.....	75	1947 <sup>2</sup> .....	99
1940.....	71	1944.....	77		

<sup>1</sup> Covers fire and lightning losses on buildings, implements and machinery, livestock, crops, and household goods.  
<sup>2</sup> Preliminary.

Bureau of Agricultural Economics.

TABLE 705.—Wheat crop insurance, United States, 1939-47 <sup>1</sup>

Year	Coverage			Amount of premiums <sup>4</sup>	Indemnities		
	Insurance units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production		Number	Acreage indemnified <sup>3</sup>	Amount <sup>(4)</sup>
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 acres</i>	<i>1,000 bushels</i>
1939.....	176,755	7,010	60,925	6,670	55,932	2,589	10,164
1940.....	360,596	12,755	108,285	13,797	112,762	5,017	22,898
1941.....	371,390	11,734	104,306	12,643	130,774	3,389	18,857
1942.....	400,043	9,630	88,063	8,768	108,368	2,023	10,575
1943.....	357,733	<sup>5</sup> 8,149	<sup>5</sup> 75,264	8,024	133,076	<sup>5</sup> 2,448	13,268
1945 <sup>1</sup> .....	19,494	1,106	7,594	1,084	2,209	136	472
1946.....	292,268	9,224	84,160	9,228	45,563	<sup>5</sup> 1,766	5,390
1947.....	318,683	<sup>5</sup> 11,573	<sup>5</sup> 99,506	10,719	37,768	<sup>5</sup> 1,617	6,354

<sup>1</sup> No insurance was written on the 1944 wheat crop. Only spring wheat was insured in 1945. All wheat was insured in the other years.

<sup>2</sup> Number of farms insured on which wheat was seeded, including duplication where both landlord and tenant are insured. Insured farms on which no wheat was seeded are not included.

<sup>3</sup> Wheat acreage for the farm, as included in the contract, although insurance for the farm may cover interest of landlord, of tenant, or both.

<sup>4</sup> Premiums and indemnities are determined in bushels of wheat, although transactions may be made in the cash equivalent.

<sup>5</sup> Estimated.

Federal Crop Insurance Corporation.

FOOTNOTES FOR TABLE 703:

<sup>1</sup> Preliminary. Data are for companies with more than half of their insurance on farm property.

<sup>2</sup> Number of companies for which data could be obtained.

<sup>3</sup> Excess of assets over liabilities. Most of the farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves.

<sup>4</sup> No mutual fire insurance companies with more than half of their insurance on farm property.

Bureau of Agricultural Economics. Compiled from published State reports, supplemented by data from State insurance officials, officers of farmers' mutuals, and others.

TABLE 706.—Wheat crop insurance, by States, crop of 1947

Wheat area and State <sup>1</sup>	Coverage			Amount of premiums <sup>5</sup>	Indemnities		
	Insurance units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production <sup>4</sup>		Number	Acreage indemnified <sup>3</sup>	Amount <sup>(5)</sup>
	Number	1,000 acres	1,000 bushels	1,000 bushels		1,000 acres	1,000 bushels
<b>Soft Red Winter:</b>							
New York.....	4,782	97	1,412	65	794	16	57
New Jersey.....	775	13	217	10	38	1	4
Pennsylvania.....	10,532	140	1,741	108	255	3	10
Ohio.....	38,038	577	6,754	465	4,581	69	254
Indiana.....	33,332	539	5,507	462	1,528	25	83
Illinois.....	26,866	564	4,908	488	2,734	58	331
Michigan.....	30,156	385	5,587	330	3,623	46	208
Missouri.....	17,975	446	3,449	468	4,507	112	802
Delaware.....	695	20	217	10	63	2	3
Maryland.....	5,499	136	1,663	77	346	9	16
Virginia.....	4,468	65	693	35	359	5	19
West Virginia.....	1,339	17	181	11	97	1	3
North Carolina.....	3,163	32	244	15	102	1	3
Kentucky.....	2,692	47	433	33	607	11	40
Tennessee.....	2,788	49	350	20	386	7	14
Georgia.....	273	8	50	5	64	2	6
Total.....	183,373	3,135	33,406	2,602	20,084	368	1,853
<b>Hard Red Winter:</b>							
Iowa.....	3,620	86	932	136	1,234	29	245
Nebraska.....	19,268	680	5,602	829	1,507	53	234
Kansas.....	27,568	1,307	8,884	1,161	2,982	141	429
Oklahoma.....	10,237	823	4,929	598	1,041	84	161
Texas.....	5,628	501	2,977	611	1,641	146	303
Wyoming.....	380	31	271	51	73	6	27
Colorado.....	4,470	219	2,421	443	701	50	173
New Mexico.....	1,045	121	618	187	384	45	119
Utah.....	3,867	116	1,518	109	226	7	46
Total.....	76,083	3,984	28,152	4,125	9,789	561	1,737
<b>Hard Red Spring and Durum:</b>							
Wisconsin.....	2,486	17	207	19	281	2	11
Minnesota.....	8,909	323	2,491	171	1,347	49	94
North Dakota.....	18,446	1,422	8,157	1,079	822	64	143
South Dakota.....	8,128	486	3,178	554	813	49	146
Montana.....	8,885	819	7,254	1,283	2,825	260	1,244
Total.....	46,854	3,067	21,287	3,106	6,088	424	1,638
<b>White:</b>							
Idaho.....	4,847	221	3,858	200	248	11	83
Arizona.....	49	2	30	3	28	1	7
Nevada.....	80	2	32	3	18	(6)	5
Washington.....	3,600	620	6,558	291	479	82	337
Oregon.....	2,221	252	3,221	147	283	32	154
California.....	1,576	290	2,962	242	751	138	540
Total.....	12,373	1,387	16,661	886	1,807	264	1,126
United States.....	318,683	11,573	99,506	10,719	37,768	1,617	6,354

<sup>1</sup> Based upon principal classes of wheat grown.<sup>2</sup> Number of farms insured on which wheat was seeded, including duplication where both landlord and tenant are insured. Insured farms on which no wheat was seeded are not included.<sup>3</sup> Wheat acreage for farm, as included in contract, although the insurance for the farm may cover interest of landlord, of tenant, or both. Figures are estimated.<sup>4</sup> Estimated.<sup>5</sup> Premiums and indemnities are determined in bushels of wheat, although transactions may be made in the cash equivalent.<sup>6</sup> Less than 500.

Federal Crop Insurance Corporation.

TABLE 707.—Cotton crop insurance, United States, 1942-47<sup>1</sup>

Year	Coverage			Amount of premiums <sup>5</sup>	Indemnities		
	Insurance units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production <sup>4</sup>		Number	Acreage indemnified <sup>3</sup>	Amount <sup>(6)</sup>
	Number	1,000 acres	1,000 pounds	1,000 pounds		1,000 acres	1,000 pounds
1942.....	169,072	2,816	407,612	31,433	47,744	755	52,585
1943.....	164,998	<sup>6</sup> 2,690	<sup>6</sup> 386,690	30,724	40,632	<sup>6</sup> 816	58,274
1945 <sup>1</sup> .....	113,848	3,042	382,649	22,321	48,399	1,780	76,405
1946.....	132,042	<sup>6</sup> 4,307	<sup>6</sup> 527,401	43,306	73,979	<sup>6</sup> 2,780	151,146
1947.....	119,164	<sup>6</sup> 2,754	<sup>6</sup> 375,056	40,053	39,279	<sup>6</sup> 920	42,947

<sup>1</sup> No insurance was written on the 1944 crop.

<sup>2</sup> Number of farms insured on which cotton was planted, including duplication where both landlord and tenant are insured. Insured farms on which no cotton was planted are not included.

<sup>3</sup> Cotton acreage for farm as included in the contract, although insurance for the farm may cover interest of landlord, of tenant, or both.

<sup>4</sup> Maximum liability of the Corporation was somewhat greater than shown, as the insured producers had the option of insuring cottonseed, and the lint indemnities for those producers exercising this option were increased by 19 percent for the 1942 crop and 20 percent for the 1943, 1945, 1946 and 1947 crops.

<sup>5</sup> Premiums and indemnities are determined in pounds of lint cotton, although transactions may be made in the cash equivalent.

<sup>6</sup> Estimated.

Federal Crop Insurance Corporation.

TABLE 708.—Cotton crop insurance, by States, crop of 1947

State	Coverage			Amount of premiums <sup>4</sup>	Indemnities		
	Insurance units <sup>1</sup>	Acreage insured <sup>2</sup>	Maximum insured production <sup>3</sup>		Number	Acreage indemnified <sup>2</sup>	Amount <sup>(4)</sup>
	Number	1,000 acres	1,000 pounds	1,000 pounds		1,000 acres	1,000 pounds
Illinois.....	268	2	305	50	145	1	73
Missouri.....	869	19	2,830	271	165	4	179
Virginia.....	163	1	94	9	6	( <sup>5</sup> )	1
North Carolina.....	3,454	25	3,836	280	539	4	234
South Carolina.....	7,406	97	13,825	1,176	2,083	27	1,722
Georgia.....	10,034	130	15,576	1,558	2,562	33	2,043
Florida.....	335	2	210	26	114	1	37
Kentucky.....	71	1	193	21	18	( <sup>5</sup> )	23
Tennessee.....	2,245	21	3,468	374	397	4	331
Alabama.....	14,214	152	17,522	1,967	3,860	41	1,834
Mississippi.....	22,521	436	85,396	6,983	8,132	157	9,005
Arkansas.....	8,218	207	30,101	2,978	4,172	105	6,678
Louisiana.....	11,405	204	31,787	4,504	4,237	76	4,091
Oklahoma.....	3,976	91	6,759	1,296	1,981	45	1,698
Texas.....	30,935	1,126	100,962	14,911	10,508	383	12,786
New Mexico.....	1,300	54	15,608	1,352	233	10	1,205
Arizona.....	590	130	28,580	1,414	51	25	660
California.....	1,160	56	18,002	882	76	4	346
United States.....	119,164	2,754	375,056	40,053	39,279	920	42,947

<sup>1</sup> Number of farms insured on which cotton was planted, including duplication where both landlord and tenant are insured. Insured farms on which no cotton was planted are not included.

<sup>2</sup> Cotton acreage for farm as included in the contract, although insurance for the farm may cover interest of landlord, of tenant, or both. Figures are estimated.

<sup>3</sup> Maximum liability of the Corporation was somewhat greater than shown, as the insured producers had the option of insuring cottonseed, and the lint indemnities for those producers exercising this option were increased by 20 percent. Figures are estimated.

<sup>4</sup> Premiums and indemnities are determined in pounds of lint cotton, although transactions may be made in the cash equivalent.

<sup>5</sup> Less than 500.

Federal Crop Insurance Corporation.

TABLE 709.—*Flax (flaxseed) crop insurance, by States, crop of 1947, with totals for crops of 1945 and 1946*

State	Crop harvested in 1947						
	Coverage			Amount of premiums <sup>(4)</sup>	Indemnities		
	Insurance units <sup>1</sup>	Acreage insured <sup>2</sup>	Maximum insured production <sup>3</sup>		Number	Acreage indemnified <sup>2</sup>	Amount <sup>4</sup>
	Number	1,000 acres	1,000 bushels	1,000 bushels		1,000 acres	1,000 bushels
Michigan.....	123	2	12	1	92	1	4
Wisconsin.....	47	1	7	1	22	1	2
Minnesota.....	24,339	688	3,595	474	5,137	145	301
Iowa.....	109	3	14	2	4	( <sup>5</sup> )	( <sup>5</sup> )
Missouri.....	88	2	7	2	63	2	3
North Dakota.....	7,007	365	774	144	593	31	31
South Dakota.....	2,268	71	205	43	154	5	6
Kansas.....	1,097	22	83	13	643	13	33
Oklahoma.....	21	1	3	1	12	1	( <sup>5</sup> )
Texas.....	3	( <sup>5</sup> )	1	( <sup>5</sup> )	1	( <sup>5</sup> )	( <sup>5</sup> )
Montana.....	736	49	119	31	288	19	33
California.....	19	1	18	2	3	( <sup>5</sup> )	1
United States.....	35,857	1,204	4,838	713	7,012	217	414
United States:							
1945.....	31,787	771	3,676	487	6,930	180	289
1946.....	10,826	277	1,341	174	3,528	<sup>3</sup> 98	186

<sup>1</sup> Number of farms on which flax was planted, including duplication where both landlord and tenant are insured. Insured farms on which no flax was planted are not included.

<sup>2</sup> Flax acreage for farm as included in the contract, although insurance for the farm may cover interest of landlord, of tenant, or both. Estimated in 1947.

<sup>3</sup> Estimated.

<sup>4</sup> Premiums and indemnities are determined in bushels of flax, although transactions may be made in the cash equivalent.

<sup>5</sup> Less than 500.

Federal Crop Insurance Corporation.

TABLE 710.—*Experimental crop-insurance programs, United States, crops of 1945-48*<sup>1</sup>

Crop and year	Coverage				Amount of premiums <sup>4</sup>	Indemnities		
	Number of counties participating	Insurance units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production		Number	Acreage indemnified <sup>3</sup>	Amount <sup>4</sup>
		Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
Corn:								
1945.....	15	13,582	418	7,646	397	3,420	94	657
1946.....	19	8,811	337	5,901	375	1,459	44	310
1947.....	19	7,834	293	<sup>5</sup> 7,668	422	2,047	<sup>5</sup> 57	918
1948.....	36	<sup>5</sup> 16,416			<sup>5</sup> 434			
Tobacco:								
1945.....	13	13,826	54	14,558	677	1,832	10	532
1946.....	19	17,763	73	16,709	800	1,468	5	328
1947.....	19	16,548	<sup>5</sup> 70	<sup>5</sup> 15,973	692	2,692	<sup>5</sup> 11	769
1948.....	33	<sup>5</sup> 36,377			<sup>5</sup> 645			
Wheat: 1948.....	200	<sup>5</sup> 95,515			<sup>5</sup> 8,824			
Cotton: 1948.....	53	<sup>5</sup> 22,927			<sup>5</sup> 1,504			
Flax: 1948.....	48	<sup>5</sup> 21,145			<sup>5</sup> 1,615			
Dry edible beans: 1948.....	4	<sup>5</sup> 1,675			<sup>5</sup> 32			
Multiple crops <sup>6</sup> : 1948.....	2	<sup>5</sup> 856			<sup>5</sup> 23			

<sup>1</sup> Beginning in 1945, insurance on corn and tobacco was offered in a limited number of counties on an experimental basis. Beginning in 1948, insurance on all commodities was reduced to an experimental basis and offered only in a limited number of counties. Insurance on dry edible beans and multiple crops was added in 1948.

<sup>2</sup> Number of farms on which the insured crop was planted, including duplication where both landlord and tenant are insured. Insured farms on which no crop was planted are not included.

<sup>3</sup> Acreage of the insured crop for the farm as included in the contract, although insurance for farm may cover interest of landlord, of tenant, or both.

<sup>4</sup> Premiums, indemnities, and insured production for commodity (yield) insurance are determined in the standard unit of measure for the commodity, although transactions may be made in the cash equivalent. These data are shown in this table as the dollar equivalent and combined with data for monetary and investment-type insurance, which are determined in dollars only.

<sup>5</sup> Estimated.

<sup>6</sup> Includes a combination of four of the following commodities, varying by counties: Wheat, flax, oats, corn, dry edible beans.

Federal Crop Insurance Corporation.

TABLE 711.—Farm-mortgage debt: Total outstanding and amounts held by principal lender groups, United States, Jan. 1, 1929-48<sup>1</sup>

Year	Total	Federal land banks <sup>2</sup>	Federal Farm Mortgage Corporation <sup>2 3</sup>	Life insurance companies <sup>2</sup>	Joint-stock land banks <sup>2 4</sup>	Farmers Home Administration <sup>5</sup>	Commercial banks <sup>6</sup>	Individuals and others
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	9,756,559	1,182,813	-----	2,138,980	656,516	-----	1,046,624	4,731,626
1930.....	9,630,768	1,201,732	-----	2,118,439	637,789	-----	997,468	4,675,340
1931.....	9,398,088	1,197,063	-----	2,087,047	605,858	-----	946,876	4,561,244
1932.....	9,093,983	1,180,992	-----	2,036,614	552,180	-----	940,135	4,384,062
1933.....	8,466,418	1,147,014	-----	1,898,318	474,954	-----	889,083	4,057,049
1934.....	7,685,203	1,257,825	70,738	1,697,787	412,346	-----	710,863	3,535,644
1935.....	7,584,459	1,947,442	616,737	1,301,562	277,020	-----	498,842	2,942,856
1936.....	7,422,701	2,113,502	794,147	1,112,289	200,617	-----	487,505	2,714,641
1937.....	7,153,963	2,147,768	841,251	1,015,615	162,786	-----	487,534	2,499,009
1938.....	6,954,884	2,126,610	824,151	988,557	133,554	(7)	501,450	2,380,562
1939.....	6,779,318	2,088,478	774,377	982,939	114,992	7 10,218	519,276	2,289,038
1940.....	6,586,399	2,009,820	713,290	984,290	91,726	7 31,927	534,170	2,221,176
1941.....	6,491,455	1,957,184	685,149	1,016,479	73,455	7 65,294	543,408	2,150,466
1942.....	6,372,277	1,880,784	634,885	1,063,166	55,919	7 114,533	535,212	2,087,778
1943.....	5,950,975	1,718,240	543,895	1,042,939	37,015	7 157,463	476,676	1,974,747
1944.....	5,389,080	1,452,886	429,751	986,661	7 10,097	7 171,763	448,433	1,889,489
1945.....	4,932,942	1,209,676	347,307	933,323	5,455	7 193,377	449,582	1,793,822
1946.....	4,681,720	1,078,952	239,365	884,312	3,208	7 181,861	507,298	1,786,724
1947.....	4,777,355	976,748	146,621	890,161	1,641	7 189,300	683,229	1,889,655
1948.....	4,881,744	888,933	107,066	936,730	645	195,069	793,476	1,959,825

<sup>1</sup> Continental United States only.<sup>2</sup> 1930-48, includes regular mortgages, purchase-money mortgages, and sales contracts; prior to 1930, includes regular mortgages only.<sup>3</sup> Loans held by Federal Farm Mortgage Corporation were made on its behalf by Land Bank Commissioner.<sup>4</sup> Joint-stock land banks have been in liquidation since May 12, 1933. Includes banks in receivership.<sup>5</sup> Formerly Farm Security Administration. Revised series. Prior to 1942, includes tenant-purchase loans. Beginning with 1942, includes farm-development (special real estate) loans; beginning with 1944, includes farm-enlargement loans; and beginning with 1945, includes project-liquidation loans. Loans made for these purposes from State Corporation trust funds are included. Loans insured by Farmers Home Administration are not included.<sup>6</sup> 1935-48, insured commercial banks; prior to 1935, open State and national banks.<sup>7</sup> Revised.

Bureau of Agricultural Economics.

TABLE 712.—*Farm-mortgage debt: Total amount outstanding, by States, Jan. 1, 1930, 1935, 1940, and 1945-48*

State and division	1930	1935	1940	1945	1946	1947	1948
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	27,613	30,626	24,757	16,713	16,431	17,681	18,732
New Hampshire.....	11,756	12,423	11,220	9,706	9,584	9,822	10,586
Vermont.....	35,365	31,391	27,814	21,975	22,814	25,768	27,006
Massachusetts.....	48,984	49,613	45,845	36,778	32,950	30,361	31,277
Rhode Island.....	4,632	4,065	4,121	3,583	3,569	3,544	3,567
Connecticut.....	43,358	47,886	36,742	26,105	23,899	22,906	22,358
New England.....	171,708	176,004	150,499	114,860	109,247	110,082	113,526
New York.....	233,791	213,634	191,786	147,200	144,002	151,922	155,466
New Jersey.....	54,180	49,206	48,791	39,235	37,955	40,619	43,417
Pennsylvania.....	168,492	150,738	131,578	107,358	102,844	115,434	124,622
Middle Atlantic.....	456,463	413,578	372,155	293,793	284,801	307,975	323,505
Ohio.....	272,738	224,261	239,059	167,463	160,916	162,263	166,985
Indiana.....	269,913	224,169	236,266	176,468	168,391	169,400	173,598
Illinois.....	614,059	481,797	418,970	269,947	248,260	230,713	217,608
Michigan.....	221,432	183,172	174,308	144,988	144,940	155,705	163,424
Wisconsin.....	505,472	413,082	356,936	262,072	244,152	243,546	254,477
East North Central.....	1,883,614	1,526,481	1,425,539	1,020,938	966,659	961,627	976,092
Minnesota.....	476,210	396,946	375,990	304,641	273,364	257,698	244,465
Iowa.....	1,196,197	787,159	705,589	525,939	<sup>1</sup> 465,567	<sup>1</sup> 424,761	381,863
Missouri.....	442,820	286,460	229,377	197,529	193,533	198,389	198,921
North Dakota.....	239,772	197,177	141,230	91,461	80,778	76,146	70,261
South Dakota.....	293,080	216,592	127,706	98,788	87,222	180,625	70,632
Nebraska.....	510,453	431,686	309,826	204,174	175,923	160,983	141,935
Kansas.....	411,747	357,123	284,248	171,535	151,216	148,150	143,120
West North Central.....	3,570,279	2,673,143	2,173,966	1,594,067	<sup>1</sup> 1,427,603	<sup>1</sup> 1,346,752	1,251,197
Delaware.....	9,581	8,668	7,957	6,498	6,174	7,287	8,898
Maryland <sup>2</sup> .....	50,377	43,790	46,675	40,627	39,975	43,883	48,781
Virginia.....	91,000	75,093	72,299	61,765	64,685	72,256	78,123
West Virginia.....	26,177	23,671	21,969	18,658	17,870	20,229	21,601
North Carolina.....	111,880	93,905	90,071	73,917	76,810	87,836	95,041
South Carolina.....	64,433	47,149	45,948	37,590	37,868	40,542	45,112
Georgia.....	113,060	82,867	82,037	66,344	69,538	78,919	87,569
Florida.....	52,840	40,578	38,101	30,313	31,363	40,615	48,356
South Atlantic.....	519,348	415,721	405,057	335,712	344,283	391,567	433,481
Kentucky.....	116,250	105,226	109,253	81,579	79,125	82,650	86,569
Tennessee.....	115,280	93,055	92,614	65,433	65,830	70,121	76,965
Alabama.....	97,890	81,421	81,859	66,564	66,306	70,255	74,634
Mississippi.....	103,312	85,073	100,368	83,744	88,716	99,342	103,987
East South Central.....	432,732	364,775	384,094	297,320	299,977	322,368	342,155
Arkansas.....	99,085	69,317	72,513	63,695	66,536	72,477	78,897
Louisiana.....	63,838	57,951	55,098	48,070	51,693	55,826	59,796
Oklahoma.....	274,971	183,421	153,679	116,780	107,829	111,400	112,963
Texas.....	671,434	565,968	431,746	323,358	<sup>1</sup> 303,034	<sup>1</sup> 317,188	334,879
West South Central.....	1,109,328	876,657	713,036	551,903	<sup>1</sup> 529,092	<sup>1</sup> 556,891	586,535
Montana.....	129,744	100,331	66,118	41,684	39,904	40,912	42,143
Idaho.....	115,547	89,404	78,763	58,494	54,768	56,522	61,914
Wyoming.....	43,337	36,709	34,009	24,951	24,025	25,414	28,463
Colorado.....	138,248	103,479	75,005	58,064	59,444	66,738	75,187
New Mexico.....	38,954	27,492	27,499	24,924	<sup>1</sup> 27,039	<sup>1</sup> 32,499	41,863
Arizona.....	41,690	30,797	28,933	22,334	22,541	27,117	30,699
Utah.....	51,875	43,757	36,650	25,720	25,592	27,805	32,130
Nevada.....	15,617	15,131	10,213	6,120	6,477	7,523	9,605
Mountain.....	575,012	447,100	357,190	262,291	<sup>1</sup> 259,790	<sup>1</sup> 284,530	322,004
Washington.....	161,557	125,405	106,857	73,995	73,527	74,093	79,222
Oregon.....	135,917	104,860	90,421	69,218	68,779	78,862	85,574
California.....	614,810	460,735	407,585	318,845	317,962	342,608	368,453
Pacific.....	912,284	691,000	604,863	462,058	460,268	495,563	533,249
United States.....	9,630,768	7,584,459	6,586,399	4,932,942	4,681,720	4,777,355	4,881,744

<sup>1</sup> Revised.<sup>2</sup> Includes District of Columbia.

Bureau of Agricultural Economics. Data for 1930-39 in Agricultural Statistics, 1944, table 576; and for 1940-44 in Agricultural Statistics, 1947, table 673.

TABLE 713.—Mortgaged farms: Number, acreage, value, and mortgage debt, by tenure under which the land is operated and by States, Jan. 1, 1945

State and division	Mortgaged owner-operated farms <sup>1</sup>				Mortgaged rented and manager-operated farms <sup>2</sup>			
	Number (?)	Acreage	Value	Mortgage debt	Number (?)	Acreage	Value	Mortgage debt
		<i>Acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	10,405	1,268,000	48,517	16,128	265	54,400	2,378	585
New Hampshire.....	5,809	584,400	24,576	9,095	249	65,100	3,073	611
Vermont.....	9,259	1,538,600	50,944	20,722	338	103,900	3,441	1,253
Massachusetts.....	16,573	847,900	103,410	33,578	555	86,000	14,221	3,200
Rhode Island.....	1,195	61,600	9,798	2,877	105	15,300	2,345	706
Connecticut.....	8,104	502,800	78,444	23,077	417	80,100	17,013	3,028
New England.....	51,345	4,803,300	315,689	105,477	1,929	404,800	42,471	9,383
New York.....	52,338	5,868,300	354,447	128,358	3,490	897,000	64,087	18,842
New Jersey.....	10,002	604,500	102,616	33,899	783	139,400	20,762	5,336
Pennsylvania.....	42,286	3,705,900	244,969	93,938	3,828	585,600	44,290	13,420
Middle Atlantic.....	104,626	10,179,000	702,232	256,195	8,101	1,622,000	129,139	37,598
Ohio.....	50,817	4,220,300	365,836	124,425	10,124	1,771,800	163,023	43,038
Indiana.....	54,473	5,171,200	455,264	123,175	11,317	2,614,100	238,984	53,293
Illinois.....	34,625	4,400,000	535,660	145,501	15,833	4,401,400	601,186	124,446
Michigan.....	58,998	5,480,700	353,711	119,615	6,393	1,502,100	93,283	25,373
Wisconsin.....	71,454	8,788,500	540,935	225,644	9,673	1,895,800	124,328	36,428
East North Central.....	270,367	28,060,700	2,251,406	738,360	53,340	12,185,200	1,220,804	282,578
Minnesota.....	67,905	10,629,300	613,349	233,355	15,350	4,497,500	251,007	71,286
Iowa.....	63,123	9,479,500	1,000,896	361,846	23,744	5,674,500	583,962	164,093
Missouri.....	67,006	9,281,500	409,302	152,690	14,460	3,152,500	153,559	44,839
North Dakota.....	23,620	9,935,700	195,728	69,053	4,028	4,112,400	65,140	22,408
South Dakota.....	20,598	8,261,400	174,870	63,323	6,531	6,041,300	100,467	35,465
Nebraska.....	26,652	11,354,200	357,517	122,096	14,461	7,664,500	292,094	82,078
Kansas.....	35,256	9,578,700	367,606	110,469	11,346	6,637,100	247,233	61,066
West North Central.....	304,160	68,520,300	3,119,268	1,112,832	89,920	37,779,800	1,693,462	481,235
Delaware.....	2,341	212,100	15,289	5,400	365	70,100	4,992	1,098
Maryland <sup>4</sup> .....	11,251	1,092,500	92,890	31,892	2,633	471,300	35,798	8,735
Virginia.....	24,280	2,738,400	172,412	51,080	5,792	863,100	47,702	10,685
West Virginia.....	10,690	1,223,500	50,319	16,344	1,721	232,300	9,405	2,314
North Carolina.....	28,905	2,536,600	138,053	49,894	19,436	1,418,400	85,189	24,023
South Carolina.....	16,936	1,995,600	77,753	25,862	15,956	1,052,500	41,006	11,728
Georgia.....	29,651	4,654,600	130,584	45,645	27,710	2,880,800	73,143	20,699
Florida.....	9,119	1,615,700	72,412	22,735	2,751	1,180,100	41,411	7,578
South Atlantic.....	133,173	16,069,000	749,712	248,852	76,364	8,168,600	338,646	86,860
Kentucky.....	32,769	3,291,500	194,733	60,540	11,944	1,194,600	81,578	21,129
Tennessee.....	27,941	2,685,800	142,568	45,541	15,001	1,347,000	67,659	19,892
Alabama.....	29,047	3,454,800	108,248	40,870	31,372	2,665,400	80,043	25,694
Mississippi.....	26,399	3,417,200	124,223	43,882	48,085	2,549,400	126,146	39,862
East South Central.....	116,156	12,849,300	569,772	190,743	106,402	7,756,400	355,426	106,577
Arkansas.....	23,707	2,989,100	115,775	36,370	23,802	2,047,000	108,431	27,325
Louisiana.....	13,091	1,623,100	80,012	26,198	15,781	1,419,900	73,397	21,872
Oklahoma.....	35,800	7,722,500	242,695	76,724	14,587	5,164,400	141,041	40,056
Texas.....	67,833	27,246,900	774,653	210,183	33,613	22,353,200	523,960	113,175
West South Central.....	140,431	39,581,600	1,213,135	349,475	87,783	30,984,500	846,829	202,428
Montana.....	9,497	10,751,400	116,725	33,347	1,047	5,025,700	35,934	8,337
Idaho.....	14,709	3,782,000	162,438	46,093	2,415	1,362,300	54,152	12,401
Wyoming.....	5,090	7,891,700	72,798	19,437	755	4,663,700	24,951	5,514
Colorado.....	13,356	8,480,100	139,812	43,606	3,001	4,002,900	57,601	14,458
New Mexico.....	4,380	5,660,500	60,470	15,976	911	7,093,500	42,206	8,948
Arizona.....	3,250	919,300	51,993	13,646	481	2,176,800	26,731	8,688
Utah.....	8,183	2,384,200	79,418	22,331	451	852,800	13,457	3,189
Nevada.....	860	745,000	15,803	4,443	74	595,400	4,805	1,677
Mountain.....	59,325	40,614,200	699,457	199,079	9,135	25,773,100	259,837	63,212
Washington.....	21,119	3,082,900	202,648	59,788	1,815	1,526,000	58,707	14,207
Oregon.....	19,220	6,331,600	208,520	59,458	1,589	2,086,100	45,394	9,760
California.....	19,549	8,245,200	982,965	239,453	5,816	5,344,800	348,212	79,392
Pacific.....	89,888	17,659,700	1,394,133	358,699	9,220	8,956,900	452,313	103,359
United States.....	1,269,471	238,337,100	11,014,804	3,559,712	442,194	133,631,300	5,338,927	1,373,230

<sup>1</sup> Farms of full owners and the portion of the farms of part owners owned by them.

<sup>2</sup> Not comparable with acreage, value, and mortgage debt, because entire farm operated by part-owner is included with the number of mortgaged owner-operated farms and the rented portion is not included with the number of mortgaged rented and manager-operated farms.

<sup>3</sup> Land rented to all tenants (including sharecroppers), land rented to part-owner operators, and manager-operated farms.

<sup>4</sup> Includes District of Columbia.

Bureau of Agricultural Economics, Compiled from a Bureau of Agricultural Economics and Bureau of the Census cooperative study.



TABLE 714.—Farm-mortgage debt: Amount held by selected lender groups, by States, Jan. 1, 1947 and 1948

State and division	Federal land banks and Federal Farm Mortgage Corporation <sup>1 2</sup>		Life insurance companies <sup>1</sup>		Farmers Home Administration <sup>3</sup>		All others <sup>5</sup>	
	1947	1948	1947	1948	1947 <sup>4</sup>	1948	1947 <sup>4</sup>	1948
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	4,379	3,857	0	9	461	657	12,841	14,209
New Hampshire.....	1,809	1,722	0	0	106	134	7,907	8,730
Vermont.....	5,114	5,185	5	121	439	582	20,210	21,118
Massachusetts.....	8,071	7,458	258	501	295	433	21,737	22,885
Rhode Island.....	1,270	1,122	1	0	4	14	2,269	2,431
Connecticut.....	6,460	5,937	87	164	142	241	16,217	16,016
New England.....	27,103	25,281	351	795	1,447	2,061	81,181	85,389
New York.....	32,443	30,627	750	2,595	2,410	2,972	116,319	119,272
New Jersey.....	10,747	9,955	1,567	4,108	899	1,317	27,406	28,037
Pennsylvania.....	13,791	12,915	2,569	3,364	3,129	3,613	95,945	104,730
Middle Atlantic.....	56,981	53,497	4,886	10,067	6,438	7,902	239,670	252,039
Ohio.....	21,088	18,247	19,317	18,808	3,869	3,970	117,989	125,960
Indiana.....	27,731	23,341	44,789	46,102	3,761	3,685	93,119	100,470
Illinois.....	65,948	56,499	84,565	83,520	4,442	3,794	75,758	73,795
Michigan.....	26,045	23,705	2,306	3,023	3,127	3,170	124,227	133,526
Wisconsin.....	45,399	39,483	8,348	10,948	4,004	4,106	185,795	199,940
East North Central.....	186,211	161,275	159,325	162,401	19,203	18,725	596,888	633,691
Minnesota.....	68,654	58,369	73,982	68,596	6,806	6,246	108,256	111,254
Iowa.....	105,019	88,035	4 197,729	174,810	4,724	3,580	117,289	115,438
Missouri.....	27,175	24,134	62,751	60,505	7,350	7,614	101,113	106,668
North Dakota.....	29,371	21,474	12,276	11,385	2,428	2,687	32,071	34,715
South Dakota.....	35,585	30,438	4 37,628	32,875	2,598	2,603	4,814	4,716
Nebraska.....	65,666	53,065	50,754	47,335	3,427	3,520	41,136	38,015
Kansas.....	41,911	34,433	33,825	34,637	4,193	4,591	68,221	69,459
West North Central.....	373,381	309,948	4 468,945	430,143	31,526	30,841	472,900	480,265
Delaware.....	573	556	31	52	280	322	6,403	7,968
Maryland <sup>6</sup> .....	4,924	4,487	1,483	2,188	1,291	1,365	36,185	40,741
Virginia.....	11,736	10,170	6,691	6,858	2,852	2,730	50,977	58,365
West Virginia.....	4,783	4,287	393	397	1,610	1,579	13,443	15,338
North Carolina.....	14,931	14,801	5,366	5,538	7,245	7,006	60,294	67,696
South Carolina.....	11,897	10,957	1,058	1,007	7,047	6,715	20,540	26,433
Georgia.....	18,867	18,017	5,830	7,383	11,871	12,083	42,351	50,086
Florida.....	8,672	9,820	2,799	5,588	1,420	1,864	27,724	31,084
South Atlantic.....	76,383	73,095	23,651	29,011	33,616	33,664	257,917	297,711
Kentucky.....	13,162	11,427	15,395	15,688	4,068	3,601	50,025	55,853
Tennessee.....	12,500	11,016	7,389	8,770	5,721	5,500	44,511	51,679
Alabama.....	18,860	18,419	1,600	1,705	9,882	9,554	39,913	44,956
Mississippi.....	20,705	20,373	20,996	21,735	14,841	16,119	42,800	45,760
East South Central.....	65,227	61,235	45,380	47,898	34,512	34,774	177,249	198,248
Arkansas.....	12,268	11,784	17,044	21,053	10,294	11,147	32,871	34,913
Louisiana.....	13,736	13,186	7,245	7,463	7,143	7,208	27,702	31,939
Oklahoma.....	22,586	20,506	17,405	20,325	9,778	10,144	61,631	61,988
Texas.....	120,184	105,299	4 79,337	101,582	21,198	22,746	96,469	105,252
West South Central.....	168,774	150,775	4 121,031	150,423	48,413	51,245	218,673	234,092
Montana.....	14,196	13,025	2,445	3,454	2,924	2,931	21,347	22,733
Idaho.....	15,286	14,478	5,658	8,591	1,274	1,646	34,304	37,199
Wyoming.....	9,107	8,620	2,438	4,639	914	1,075	12,955	14,129
Colorado.....	18,088	16,598	7,532	11,310	2,067	2,133	39,051	45,146
New Mexico.....	6,633	6,323	4 7,810	14,962	1,112	1,301	16,944	19,277
Arizona.....	6,489	6,389	4,260	5,614	287	323	16,081	18,373
Utah.....	8,275	7,863	117	1,102	902	1,501	18,511	21,664
Nevada.....	1,739	1,725	388	1,003	102	173	5,294	6,704
Mountain.....	79,813	75,021	4 30,648	50,675	9,582	11,083	164,487	185,225
Washington.....	14,730	13,921	7,993	9,021	1,267	1,316	50,103	54,964
Oregon.....	15,016	14,279	6,248	8,932	1,523	1,653	56,075	60,710
California.....	59,750	57,672	21,703	37,364	1,773	1,805	259,382	271,612
Pacific.....	89,496	85,872	35,944	55,317	4,563	4,774	365,560	387,286
United States.....	1,123,369	995,999	890,161	936,730	189,300	195,069	2,574,525	2,753,946

See footnotes at bottom of page 634.

TABLE 715.—*Farm mortgages recorded: Loans made by agencies under supervision of the Farm Credit Administration and estimated amount recorded by other lender groups, United States, 1910-47*<sup>1</sup>

Year	Loans made <sup>2</sup>			Mortgages recorded by other lenders <sup>5</sup>				Total
	Federal land banks	Land Bank Commissioner <sup>3</sup>	Joint-stock land banks <sup>4</sup>	Individuals	Commercial banks <sup>6</sup>	Insurance companies	Miscellaneous	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
1910				790,678	207,734	105,359	146,114	1,249,885
1911				818,430	234,544	121,335	152,465	1,326,774
1912				819,134	252,073	143,758	158,372	1,373,337
1913				871,544	252,445	110,527	166,587	1,401,103
1914				841,953	270,357	120,441	164,746	1,397,497
1915				815,559	313,707	184,284	174,196	1,487,746
1916				941,789	454,716	235,051	205,717	1,837,273
1917	39,112		1,360	1,083,502	404,213	259,695	217,739	2,005,621
1918	118,130		6,140	1,145,196	316,764	161,520	203,492	1,951,242
1919	144,987		49,490	1,691,852	540,463	214,159	299,354	2,940,305
1920	66,985		23,854	2,144,379	663,202	386,788	345,102	3,630,310
1921	91,030		9,335	1,206,117	654,521	292,792	324,861	2,578,656
1922	224,301		138,685	943,653	578,067	340,932	280,348	2,505,986
1923	190,271		189,748	858,678	546,458	451,579	257,000	2,493,734
1924	162,475		74,587	769,905	475,654	346,110	244,239	2,072,970
1925	124,809		131,431	870,364	475,991	347,625	229,964	2,180,184
1926	128,978		123,026	803,914	433,362	335,128	208,653	2,033,061
1927	138,424		83,719	713,948	397,286	250,529	191,673	1,775,579
1928	100,615		40,572	714,074	398,167	223,185	188,189	1,664,802
1929	63,004		18,186	650,062	343,532	203,346	184,562	1,462,692
1930	47,146		5,236	618,526	355,232	173,665	164,820	1,364,625
1931	41,814		5,407	538,734	327,594	127,509	158,880	1,199,938
1932	27,516		2,181	413,957	263,336	74,760	121,991	903,341
1933	151,585	70,812	739	234,636	167,109	46,002	102,193	822,976
1934	730,134	553,048	(7)	<sup>8</sup> 249,068	<sup>8</sup> 130,583	<sup>8</sup> 53,422	<sup>8</sup> 104,119	<sup>8</sup> 1,820,374
1935	247,610	195,869	(7)	<sup>8</sup> 277,769	<sup>8</sup> 176,496	<sup>8</sup> 78,033	<sup>8</sup> 85,916	<sup>8</sup> 1,061,693
1936	108,602	76,887	(7)	255,317	186,109	115,115	60,364	802,394
1937	62,831	39,707	(7)	282,909	212,801	128,205	51,275	757,728
1938	51,237	29,152	(7)	234,111	209,925	137,416	61,348	723,189
1939	51,461	27,230	(7)	226,695	217,821	138,048	67,753	729,008
1940	63,926	36,301	(7)	225,546	219,835	145,562	81,202	772,462
1941	64,726	37,308	(7)	247,648	221,310	160,469	102,537	833,996
1942	53,599	28,242	(7)	248,709	191,023	154,566	86,674	762,813
1943	<sup>8</sup> 61,232	<sup>8</sup> 30,077	(7)	350,447	233,074	167,060	73,913	<sup>8</sup> 1,015,803
1944	69,418	34,469	(7)	386,146	255,343	160,758	64,840	970,974
1945	91,889	28,692	(7)	417,278	312,780	145,121	58,670	1,054,430
1946	128,572	14,611	(7)	528,051	521,872	199,979	93,123	1,486,208
1947	137,282	10,345	(7)	485,720	487,092	230,882	88,819	1,440,140

<sup>1</sup> Continental United States only.

<sup>2</sup> Figures are those reported by Farm Credit Administration. In case of joint-stock land banks, however, figures for 1917-20 are estimates of Bureau of Agricultural Economics, based on data from about 20 percent of the counties in the United States.

<sup>3</sup> Loans by the Land Bank Commissioner are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.

<sup>4</sup> Includes joint-stock land banks in receivership.

<sup>5</sup> Figures for 1910-33 are estimates of the Bureau of Agricultural Economics, based on data from about 20 percent of the counties in the United States. Figures for 1936-47 are estimates of the Farm Credit Administration, based on reports from counties including 30-48 percent of the farms in the United States. Estimates for 1934-35 were developed jointly by the Bureau of Agricultural Economics and the Farm Credit Administration from data obtained from county records to which reference has been made.

<sup>6</sup> Includes national, State, and mutual savings banks.

<sup>7</sup> Joint stock land banks were placed in receivership May 12, 1933. Any loans made thereafter incidental to liquidation are included with those recorded by miscellaneous lenders.

<sup>8</sup> Revised.

Bureau of Agricultural Economics and Farm Credit Administration.

#### FOOTNOTES FOR TABLE 714:

<sup>1</sup> Includes regular mortgages, purchase-money mortgages, and sales contracts.

<sup>2</sup> Loans held by Federal Farm Mortgage Corporation were made on its behalf by Land Bank Commissioner.

<sup>3</sup> Formerly Farm Security Administration. Includes tenant-purchase, farm-enlargement, farm-development, and project-liquidation loans. Also includes loans made for these purposes from State Corporation trust funds, but excludes loans insured by Farmers Home Administration.

<sup>4</sup> Revised.

<sup>5</sup> Includes loans held by joint-stock land banks, commercial banks, individuals, and miscellaneous lenders. See table 719, for State data on loans held by insured commercial banks (classified by location of bank rather than by location of security).

<sup>6</sup> Includes District of Columbia.

Bureau of Agricultural Economics.

TABLE 716.—*Farm mortgages recorded: Loans made by the Federal land banks and Land Bank Commissioner and estimated amount recorded by other lender groups, by geographic divisions, 1947*<sup>1</sup>

Geographic division	Loans made		Mortgages recorded by other lenders				Total
	Federal land banks	Land Bank Commissioner <sup>2</sup>	Individuals	Commercial banks	Insurance companies	Miscellaneous	
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
New England.....	3,261	318	9,594	26,122	131	1,343	40,769
Middle Atlantic.....	6,573	808	33,444	36,132	3,550	5,830	86,337
East North Central.....	19,934	976	83,019	133,173	41,364	15,640	294,106
West North Central.....	39,518	2,242	96,685	76,599	87,049	15,448	317,541
South Atlantic.....	11,686	1,282	58,261	58,117	8,586	16,390	154,322
East South Central.....	10,198	787	32,521	43,374	9,750	5,211	101,841
West South Central.....	17,688	1,412	59,548	33,775	46,802	13,421	172,646
Mountain.....	12,991	1,082	43,719	29,608	20,722	8,418	116,540
Pacific.....	15,433	1,438	68,929	50,192	12,928	7,118	156,038
United States.....	137,282	10,345	485,720	487,092	230,882	88,819	1,440,140

<sup>1</sup> Excluding Puerto Rico.

<sup>2</sup> Loans by the Land Bank Commissioner are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.

Farm Credit Administration.

TABLE 717.—Agricultural loans not secured by farm real estate: Amount outstanding and made, by selected lender groups, United States, 1929-48<sup>1</sup>

OUTSTANDING JANUARY 1

Year	Agencies supervised by Farm Credit Administration						Farmers Home Administration <sup>7</sup>				Rural Electrification Administration <sup>12</sup>		Commodity Credit Corporation <sup>14</sup>		
	Insured commercial banks <sup>2</sup>	Production credit associations <sup>3,4</sup>	Regional agricultural credit corporations <sup>3</sup>	Federal intermediate credit banks <sup>5,6</sup>		Banks for cooperatives <sup>9</sup>	Agricultural Marketing Act revolving fund <sup>2</sup>	Production and subsistence loans <sup>8</sup>	Rural rehabilitation loans <sup>9,10</sup>	Emergency crop and feed loans <sup>11</sup>	Loans to cooperatives and defense relocation corporations <sup>9,12</sup>	Loans to cooperatives <sup>13</sup>	Other loans <sup>15</sup>	Loans to farmers	Loans to cooperatives
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	(U)	27	14,615	60,382	15,005	18,097	157,702	(U)	111,238	(U)	(U)	(U)	64,577	0	0
1930	(U)	60,459	87,087	55,083	33,969	27,831	54,863	(U)	172,470	(U)	10	0	37,162	0	0
1931	(U)	93,400	87,087	43,394	46,518	49,962	44,433	(U)	164,762	(U)	2,456	882	204,511	7,552	7,552
1932	(U)	104,481	25,282	25,282	40,508	2,751	53,754	29 169,148	171,983	29 4,023	30,015	4,300	173,134	9,676	9,676
1933	(U)	136,918	15,588	15,588	39,974	1,813	50,982	29 242,452	170,952	29 6,721	79,350	8,779	308,950	26,845	26,845
1934	(U)	146,825	8,005	8,005	32,612	920	23,723	29 287,921	167,795	29 9,794	169,122	14,121	308,193	27,931	27,931
1935	(U)	153,425	11,080	11,080	32,316	1,490	20,547	29 318,077	167,802	29 19,910	304,807	17,143	304,018	14,369	14,369
1936	(U)	170,086	5,531	5,531	37,939	1,152	16,914	29 368,561	155,456	29 28,290	327,738	17,402	333,018	10,325	10,325
1937	(U)	182,658	3,991	3,991	38,182	2,000	12,551	29 308,561	155,456	29 28,290	327,738	17,402	333,018	10,325	10,325
1938	(U)	185,011	32,047	32,047	34,137	2,000	7,351	29 343,568	148,068	29 28,290	327,738	17,402	333,018	10,325	10,325
1939	(U)	182,658	12,195	12,195	29,965	7,000	146,181	29 304,688	138,008	29 28,290	327,738	17,402	333,018	10,325	10,325
1940	(U)	185,011	26,487	26,487	29,965	2,042	148,068	29 280,453	138,008	29 28,290	327,738	17,402	333,018	10,325	10,325
1941	(U)	182,658	6,151	6,151	29,965	2,042	148,068	29 280,453	138,008	29 28,290	327,738	17,402	333,018	10,325	10,325
1942	(U)	185,011	2,560	2,560	31,701	177,961	2,232	29 279,965	116,753	29 16,920	300,217	18,187	300,217	7,246	7,246
1943	(U)	182,658	1,802	1,802	37,916	273,285	2,603	29 216,907	105,913	29 9,970	709,025	24,764	709,025	2,493	2,493
1944	(U)	185,011	1,802	1,802	37,916	273,285	2,603	29 216,907	105,913	29 9,970	709,025	24,764	709,025	2,493	2,493
1945	(U)	182,658	1,802	1,802	37,916	273,285	2,603	29 216,907	105,913	29 9,970	709,025	24,764	709,025	2,493	2,493
1946	(U)	185,011	1,802	1,802	37,916	273,285	2,603	29 216,907	105,913	29 9,970	709,025	24,764	709,025	2,493	2,493
1947	(U)	182,658	1,802	1,802	37,916	273,285	2,603	29 216,907	105,913	29 9,970	709,025	24,764	709,025	2,493	2,493
1948	(U)	185,011	1,802	1,802	37,916	273,285	2,603	29 216,907	105,913	29 9,970	709,025	24,764	709,025	2,493	2,493



TABLE 718.—Agricultural loans not secured by farm real estate: Amounts outstanding Jan. 1, 1948, and loans made during 1947 by selected lender groups, by States 1

OUTSTANDING JAN. 1, 1948

State and division	Insured commercial banks 2		Agencies supervised by Farm Credit Administration					Farmers Home Administration 8				Rural Electrification Administration 14		Loans made or guaranteed by Commodity Credit Corporation 17		
	1,000 dollars	1,000 dollars	Regional agricultural credit corporations 3 5	Federal intermediate credit banks, loans to and discounts for private financing institutions 6 6	Banks for cooperative 7	Agricultural Marketing Act revolving fund 8	Production and subsistence loans 9	Rural rehabilitation loans 10 11	Emergency crop and feed loans 12	Loans to cooperatives and defense relocation corporations 13	1,000 dollars	1,000 dollars	Loans to cooperatives 15	Other loans 16	1,000 dollars	1,000 dollars
Maine.....	10,208	2,449	13	105	2,988	0	713	2,740	531	5	971	0	0	3,407	0	0
New Hampshire.....	2,304	528	4	4	104	0	168	814	32	0	2,002	0	0	3	0	0
Vermont.....	9,251	2,965	2	248	953	0	251	751	54	6	2,004	0	0	0	0	0
Massachusetts.....	3,668	1,555	2	349	18,069	0	137	464	32	0	0	0	0	375	0	0
Rhode Island.....	579	276	2	0	8	0	24	88	0	0	0	0	0	40	0	0
Connecticut.....	2,824	2,333	2	0	573	0	46	180	17	0	0	0	0	38	0	0
New England.....	28,864	10,106	25	702	22,695	0	1,339	5,037	666	11	4,977	0	0	3,863	0	0
New York.....	43,125	15,324	58	4,052	6,439	0	1,196	5,030	160	238	2,173	0	0	506	0	0
New Jersey.....	6,585	2,459	2	1,014	424	0	424	1,539	61	301	555	0	0	30	0	0
Pennsylvania.....	28,930	7,306	53	0	3,815	0	1,072	3,699	407	2	12,829	0	0	292	0	0
Middle Atlantic.....	78,640	25,089	113	4,067	11,268	0	2,692	10,268	628	541	15,557	0	0	828	0	0
Ohio.....	42,377	12,629	21	1,058	7,801	342	970	3,486	216	30	24,254	0	0	669	0	0
Indiana.....	42,953	13,868	16	510	6,632	109	939	2,583	225	4	23,364	0	0	449	0	0
Illinois.....	84,837	14,929	9	1,086	4,829	25	1,408	4,276	194	147	29,894	0	0	2,905	0	0
Michigan.....	35,471	4,243	30	18	4,919	102	2,009	5,001	419	13	15,673	0	0	405	0	0
Wisconsin.....	39,937	7,731	21	1,130	5,157	0	1,828	4,432	830	22	32,710	61	0	259	0	0
East North Central.....	245,555	53,400	97	3,802	29,338	578	7,154	19,778	1,884	216	125,895	61	0	4,687	0	0
Minnesota.....	60,458	7,064	70	1,413	15,964	141	1,749	7,315	4,189	88	43,357	0	0	1,167	0	0
Iowa.....	110,981	8,382	25	521	4,972	0	1,375	4,756	246	15	42,326	0	0	1,282	0	0
Missouri.....	78,836	9,404	40	489	7,698	0	2,131	6,331	1,488	448	44,222	77	0	221	0	0
North Dakota.....	66,878	2,009	38	267	132	0	748	3,960	30,564	305	16,154	478	0	3,933	0	0
South Dakota.....	33,163	3,736	06	375	166	0	1,298	7,865	15,884	42	11,155	0	0	4,063	0	0
Nebraska.....	81,283	6,184	44	366	650	0	1,267	5,557	3,547	138	2,458	0	0	5,819	0	0
Kansas.....	89,367	6,353	78	465	19,424	0	1,529	5,712	4,844	172	22,118	18,853	0	8,507	0	0
West North Central.....	470,976	44,032	361	3,896	49,006	141	10,115	41,494	60,762	1,208	181,760	19,388	0	21,902	0	0

Delaware.....	2,232	1	0	216	0	40	305	43	0	1,474	0	146
Maryland.....	7,837	34	0	3,457	0	427	1,435	287	0	4,221	0	538
District of Columbia.....	21	0	0	0	0	0	0	0	0	0	0	0
Virginia.....	3,095	41	0	10,632	0	398	2,254	1,481	165	20,505	0	605
West Virginia.....	4,827	3	0	1,290	0	264	1,263	224	0	852	0	0
North Carolina.....	9,262	15	0	2,505	0	1,840	3,750	1,204	483	23,971	185	1,410
South Carolina.....	5,746	13	0	2,505	0	1,840	3,750	1,204	288	14,624	243	102,506
Georgia.....	25,552	63	0	11,595	400	1,068	11,328	2,220	813	26,903	44	18,008
Florida.....	9,509	28	0	10,738	0	605	4,512	1,263	404	11,412	69	4,226
South Atlantic.....	86,723	198	0	39,384	400	5,537	31,084	8,666	2,160	103,962	541	25,808
Kentucky.....	32,167	10	47	931	0	1,498	2,281	573	0	24,045	0	2
Tennessee.....	27,922	20	292	3,468	400	832	1,606	713	32	20,069	978	760
Alabama.....	21,837	9	246	1,173	82	867	12,028	1,631	750	17,740	375	6,170
Mississippi.....	15,661	10	4,977	9,377	128	1,349	11,121	1,732	492	22,838	0	2,558
East South Central.....	97,587	47	5,562	14,949	610	4,646	27,036	4,649	1,274	84,722	1,353	9,490
Arkansas.....	21,419	49	429	15,407	0	1,631	9,056	3,074	1,039	20,679	0	2,381
Louisiana.....	9,419	12	413	8,825	0	808	6,948	1,771	435	13,327	0	231
Oklahoma.....	55,291	244	2,195	12,252	400	3,091	11,795	1,661	45	25,640	91	6,010
Texas.....	155,851	72	9,926	17,771	389	3,754	20,589	7,582	632	71,180	142	15,058
West South Central.....	241,980	375	12,963	54,255	789	9,284	48,388	14,088	2,151	130,826	233	23,680
Montana.....	22,590	11	376	359	0	1,232	4,066	7,453	663	10,672	0	1,258
Idaho.....	19,383	9	182	3,129	0	1,209	2,718	3,993	248	4,769	0	2,451
Wyoming.....	14,921	31	660	629	0	961	3,307	813	85	4,879	0	480
Colorado.....	59,857	63	2,039	1,727	0	1,274	5,827	2,223	337	14,035	69	2,055
New Mexico.....	5,881	70	640	569	0	1,691	3,130	1,785	264	5,472	184	1,900
Arizona.....	22,369	17	1,026	293	0	175	776	1,147	103	2,825	0	87
Utah.....	20,189	0	2,840	5,701	85	560	2,337	525	306	1,676	0	507
Nevada.....	4,748	0	129	0	0	177	320	19	139	0	59	4
Mountain.....	179,938	202	7,852	12,307	85	6,279	22,481	13,358	2,145	44,328	312	8,742
Washington.....	17,341	349	246	4,367	0	527	3,899	639	47	7,468	2,257	1,467
Oregon.....	6,414	24	0	6,880	0	377	2,128	244	89	7,958	185	857
California.....	140,081	65	2,292	28,836	0	1,160	5,014	329	128	1,572	434	31
Pacific.....	179,409	438	2,538	40,083	0	2,264	11,041	1,212	264	16,998	2,876	2,355
United States.....	1,609,672	18,182	41,916	273,285	2,603	49,310	216,607	105,913	9,970	709,025	24,764	191,048
Hawaii.....	0	0	0	0	0	102	112	1	0	0	0	0
Alaska.....	0	0	0	0	0	27	60	0	242	403	0	0
Puerto Rico.....	0	0	4,993	1,491	0	1,566	1,461	275	4	0	0	0
Virgin Islands.....	16	0	0	0	0	2	46	0	13	0	256	0

See footnotes at bottom of page 643.

TABLE 718.—Agricultural loans not secured by farm real estate: Amounts outstanding Jan. 1, 1948, and loans made during 1947 by selected lender groups, by States 1—Continued

MADE DURING 1947

State and division	Insured commercial banks 2	Agencies supervised by Farm Credit Administration					Farmers Home Administration 8				Rural Electrification Administration 14		Loans made or guaranteed by Commodity Credit Corporation 17	
		Production credit associations 3 4	Regional agricultural corporations 3 5	Federal intermediate credit banks and loans to and discounts for private financing institutions 3 6	Banks for cooperatives 1	Agricultural Marketing Act revolving fund 3	Production and subsistence loans 9	Rural rehabilitation loans 10 11	Emergency crop and feed loans 12	Loans to cooperatives and defense relocation corporations 13	Loans to cooperatives 15	Other loans 16		Farmers
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	4,768	0	14,133	0	0	1,187	90	0	0	254	0	290,520	0	
New Hampshire.....	910	0	8	0	0	180	23	0	0	263	0	108	0	
Vermont.....	5,011	0	1,163	0	0	255	40	0	0	279	0	70	0	
Massachusetts.....	2,885	0	414	0	0	174	1	0	0	0	0	455	0	
Rhode Island.....	491	0	0	0	0	27	1	0	0	0	0	10	0	
Connecticut.....	3,939	0	2,339	0	0	54	0	0	0	0	0	342	0	
New England.....	17,999	0	57,866	0	0	1,877	164	0	0	796	0	30,520	0	
New York.....	26,313	0	5,101	0	0	1,310	16	0	0	219	0	2,358	0	
New Jersey.....	4,731	0	649	0	0	499	82	0	0	52	0	29	0	
Pennsylvania.....	11,737	0	4,112	0	0	1,186	116	0	0	1,709	0	777	0	
Middle Atlantic.....	42,781	0	9,862	0	0	2,995	214	0	0	1,980	0	3,164	0	
Ohio.....	23,117	0	1,746	0	0	1,021	363	0	0	4,325	0	1,725	0	
Indiana.....	29,830	0	11,310	0	0	1,043	112	0	0	5,562	0	1,132	0	
Illinois.....	35,771	0	2,668	0	0	1,441	244	0	0	7,323	0	6,430	0	
Michigan.....	7,135	0	6,477	0	0	2,083	214	0	0	2,807	0	1,632	0	
Wisconsin.....	15,012	0	1,877	0	0	1,971	430	0	0	9,775	0	436	390	
East North Central.....	110,865	0	57,629	0	0	7,559	1,363	0	0	29,592	0	11,355	390	
Minnesota.....	19,890	0	54,727	0	0	2,058	1,002	0	0	13,309	0	3,189	0	
Iowa.....	24,517	0	13,887	0	0	1,488	546	0	0	9,631	0	18,360	0	
Missouri.....	25,766	0	16,536	0	0	2,556	739	0	0	11,633	0	1,039	0	
North Dakota.....	6,168	0	218	0	0	1,444	504	0	0	498	0	9,723	0	
South Dakota.....	10,109	0	1,625	0	0	831	831	0	0	5,730	0	5,819	0	
Nebraska.....	13,513	0	1,339	0	0	1,255	543	0	0	1,679	0	13,063	0	
Kansas.....	13,833	0	21,317	0	0	1,734	302	0	0	9,124	0	11,909	0	
West North Central.....	116,796	0	108,321	0	0	12,160	4,467	0	0	58,960	0	63,132	0	



Delaware.....	1,132	0	315	0	50	0	0	578	0	216	0
Maryland.....	6,531	0	10,730	0	475	0	0	1,423	0	759	0
District of Columbia.....	0	0	0	0	0	0	0	0	0	0	0
Virginia.....	7,046	5	9,381	0	822	567	0	7,259	0	621	2,420
West Virginia.....	1,752	0	33	0	205	183	0	7,102	0	0	0
North Carolina.....	20,419	303	3,025	0	6,033	486	0	8,309	0	1,432	85,613
South Carolina.....	10,422	39	350	0	4,416	226	0	4,188	32	1,007	0
Florida.....	18,303	0	27,960	400	3,370	863	0	9,133	0	23,812	1,674
Georgia.....	11,846	654	14,958	0	910	198	0	4,620	0	6,735	0
South Atlantic.....	77,451	1,001	66,944	400	16,571	2,525	0	35,682	32	34,602	99,707
Kentucky.....	11,458	69	1,067	0	1,630	205	0	9,190	0	605	37,512
Tennessee.....	8,586	1,171	10,772	200	1,449	420	0	6,332	425	1,021	15,476
Alabama.....	11,308	478	1,045	0	2,634	339	0	6,490	208	9,475	0
Mississippi.....	23,597	16,986	13,918	0	3,339	288	0	7,848	0	3,318	0
East South Central.....	54,949	18,704	26,302	200	9,052	1,252	0	29,360	633	14,419	52,988
Arkansas.....	16,137	1,667	17,831	0	3,162	810	0	6,905	0	3,558	0
Louisiana.....	14,463	1,857	14,350	0	2,651	49	0	3,866	0	567	0
Oklahoma.....	15,192	4,806	63,919	400	3,790	497	0	7,246	0	10,463	0
Texas.....	104,547	33,667	36,304	400	5,835	1,201	0	23,190	5	19,674	0
West South Central.....	150,339	41,997	132,404	800	15,438	2,557	0	41,207	5	34,262	0
Montana.....	21,202	872	335	0	1,829	110	0	5,036	0	1,825	0
Idaho.....	20,178	460	3,224	0	1,943	159	8	1,139	0	7,827	0
Wyoming.....	7,497	1,683	615	0	1,245	192	50	1,879	0	783	0
Colorado.....	23,256	4,435	1,772	0	1,943	528	19	3,820	43	3,909	0
New Mexico.....	7,662	1,684	545	0	836	387	0	2,146	0	2,341	0
Arizona.....	6,804	4,996	501	0	202	122	0	1,548	0	236	0
Utah.....	8,291	5,864	6,465	0	667	299	0	442	0	1,163	0
Nevada.....	2,664	372	0	0	175	43	0	0	8	21	0
Mountain.....	97,554	20,366	13,457	0	8,440	1,840	77	16,010	51	18,105	0
Washington.....	9,415	747	8,460	0	622	450	9	1,705	905	4,196	0
Oregon.....	18,928	225	5,955	0	1,813	160	9	1,814	115	2,447	712
California.....	50,890	7,247	36,504	0	1,305	505	15	3,315	0	703	0
Pacific.....	79,233	8,219	50,919	0	2,610	1,115	24	3,834	1,020	7,346	712
United States.....	747,967	77	524,204	1,400	76,702	15,497	101	217,921	7,428	222,662	153,797
Hawaii.....	0	0	0	0	96	0	0	0	0	0	0
Alaska.....	0	0	0	0	28	1	0	18	0	0	0
Puerto Rico.....	9,644	5,287	6,044	0	1,742	0	0	0	0	0	2,993
Virgin Islands.....	0	0	0	0	3	0	0	0	46	0	0

See footnotes at end of table.

TABLE 719.—Agricultural loans of insured commercial banks: Amounts outstanding on specified dates, by States, 1946-48<sup>1</sup>

State and division	Farm real estate loans					Personal and collateral loans <sup>2</sup>				
	1946		1947		1948	1946		1947		1948
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,575	2,141	2,736	2,942	3,249	9,528	3,970	20,816	5,082	10,208
New Hampshire.....	755	1,006	1,131	1,153	1,371	1,099	1,361	1,516	1,744	2,304
Vermont.....	7,470	8,679	9,645	9,837	10,372	5,942	7,149	7,726	8,793	9,281
Massachusetts.....	1,030	1,098	1,321	1,596	2,048	2,226	2,709	2,651	3,211	3,668
Rhode Island.....	475	610	669	756	879	534	492	663	520	579
Connecticut.....	1,256	1,432	1,683	1,776	2,014	1,772	2,331	2,042	2,699	2,824
New England.....	12,561	14,966	17,185	18,060	19,933	21,101	18,102	35,414	22,049	28,864
New York.....	14,590	18,088	23,904	27,075	27,746	23,791	32,955	33,998	41,839	43,125
New Jersey.....	3,830	4,467	5,323	5,026	5,667	5,277	5,277	4,939	6,788	6,585
Pennsylvania.....	21,503	26,277	30,912	35,013	38,931	14,686	17,319	21,374	23,881	28,930
Middle Atlantic.....	39,923	48,832	60,139	67,114	72,344	41,851	55,551	60,311	72,508	78,640
Ohio.....	43,032	50,553	55,098	60,935	65,900	22,049	28,853	31,258	38,097	42,377
Indiana.....	27,974	32,799	36,017	39,555	41,363	27,495	32,451	33,525	40,775	42,933
Illinois.....	21,682	26,043	\$ 26,117	28,610	29,463	54,417	56,951	66,346	68,812	84,837
Michigan.....	19,435	25,092	28,261	31,625	33,727	21,862	27,748	29,082	34,059	35,471
Wisconsin.....	26,728	31,392	34,118	38,641	40,821	24,484	28,754	30,627	36,432	39,937
East North Central.....	138,851	165,879	\$ 179,611	199,366	211,274	150,307	174,757	190,838	218,175	245,555
Minnesota.....	19,429	22,111	24,027	26,381	27,036	50,699	49,730	53,193	57,470	60,458
Iowa.....	39,420	44,569	41,828	44,141	42,157	88,100	86,718	102,511	92,852	110,981
Missouri.....	24,184	29,481	31,996	34,205	34,505	53,330	60,228	61,487	74,961	78,836
North Dakota.....	970	1,399	1,563	2,320	2,112	16,929	13,760	16,430	17,602	16,878
South Dakota.....	2,286	2,717	2,776	3,183	3,154	28,164	26,079	30,288	30,769	33,163
Nebraska.....	5,774	7,401	7,326	8,531	8,207	62,310	49,553	65,625	61,755	81,293
Kansas.....	9,613	12,347	12,909	14,373	14,296	49,506	59,820	\$ 62,524	77,654	89,367
West North Central.....	101,676	120,025	122,425	133,134	131,467	349,038	345,888	\$ 392,058	413,063	470,976
Delaware.....	2,873	3,254	3,882	4,631	4,944	1,228	1,220	1,409	1,995	2,232
Maryland.....	8,887	10,542	12,411	13,928	16,466	4,259	5,020	5,590	7,335	7,837
District of Columbia.....	33	51	55	70	105	9	2	3	9	21
Virginia.....	14,062	17,289	19,500	23,537	24,826	13,309	18,819	\$ 17,258	22,748	21,737
West Virginia.....	4,700	5,991	7,256	8,638	9,104	2,307	2,980	3,652	4,519	4,827
North Carolina.....	11,186	15,381	15,046	18,100	17,175	7,686	20,800	8,354	23,248	9,262
South Carolina.....	1,985	2,877	3,083	3,892	4,272	10,503	10,834	6,196	11,927	5,746
Georgia.....	8,752	12,872	14,918	16,114	15,932	30,093	30,888	21,675	30,949	25,552
Florida.....	3,278	4,486	5,555	5,442	6,346	5,988	5,788	7,596	8,438	9,509
South Atlantic.....	55,759	72,743	81,706	94,352	99,170	75,382	95,551	\$ 71,733	111,168	86,723
Kentucky.....	22,837	27,746	31,772	34,395	37,515	18,222	21,922	26,614	29,565	32,167
Tennessee.....	15,875	19,299	22,220	24,742	26,821	31,475	26,232	23,946	32,012	27,922
Alabama.....	5,779	7,630	9,491	11,286	11,593	30,051	27,157	19,001	31,625	21,837
Mississippi.....	6,863	9,534	10,945	12,794	11,669	34,826	20,434	16,917	21,393	15,661
East South Central.....	51,354	64,209	74,428	83,217	87,598	114,574	95,745	86,478	114,595	97,587
Arkansas.....	5,150	7,561	8,410	9,546	9,540	24,137	22,702	19,530	28,724	21,419
Louisiana.....	5,019	6,224	7,510	9,397	9,157	10,294	9,905	9,097	11,812	9,419
Oklahoma.....	6,464	7,780	8,561	9,252	9,352	47,137	50,315	40,891	\$ 54,974	55,291
Texas.....	17,087	20,903	24,428	26,634	26,623	207,755	191,288	147,777	164,605	155,851
West South Central.....	33,720	42,468	48,909	54,829	54,702	289,323	274,210	217,295	\$ 260,115	241,980
Montana.....	980	1,530	1,799	2,276	2,219	16,553	20,164	16,520	23,799	22,590
Idaho.....	1,648	2,252	2,693	3,357	3,385	16,849	16,796	17,556	18,929	19,383
Wyoming.....	1,152	1,846	1,968	2,396	2,269	12,922	15,946	12,423	17,250	14,921
Colorado.....	3,232	4,221	4,589	5,186	4,976	40,203	35,589	39,600	43,387	59,857
New Mexico.....	927	1,592	1,827	2,029	1,909	13,762	15,454	14,474	16,231	15,881
Arizona.....	1,336	1,897	2,143	2,093	3,005	15,753	13,357	16,746	14,228	22,369
Utah.....	3,925	5,211	5,806	6,998	7,016	18,181	22,200	17,654	18,258	20,189
Nevada.....	792	730	1,011	1,198	1,345	2,851	4,018	4,327	5,501	4,748
Mountain.....	13,993	19,279	21,836	25,533	26,124	137,074	143,524	139,300	157,783	179,938

See footnotes at end of table.

TABLE 719.—Agricultural loans of insured commercial banks: Amounts outstanding on specified dates, by States, 1946-48 <sup>1</sup>—Continued

State and division	Farm real estate loans					Personal and collateral loans <sup>2</sup>				
	1946		1947		1948	1946		1947		1948
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Washington .....	7,570	10,081	11,144	13,387	12,913	23,735	23,721	28,618	24,926	21,341
Oregon .....	2,508	4,085	5,622	7,040	7,100	14,737	15,670	15,364	19,346	17,987
California .....	49,383	55,227	60,224	69,114	70,851	<sup>3</sup> 93,159	<sup>3</sup> 119,132	<sup>3</sup> 117,290	134,976	140,081
Pacific .....	59,461	69,393	76,990	89,541	90,864	<sup>3</sup> 131,631	<sup>3</sup> 158,523	<sup>3</sup> 161,272	179,248	179,409
United States .....	507,298	617,794	<sup>3</sup> 683,229	765,146	793,476	<sup>3</sup> 1,310,281	<sup>3</sup> 1,361,761	<sup>3</sup> 1,354,699	<sup>3</sup> 1,548,704	1,609,672
Possessions <sup>4</sup> .....	44	54	55	63	63	16	14	12	11	16

<sup>1</sup> Loans classified by location of bank and not by location of security or borrower.

<sup>2</sup> Includes loans to individuals covered by purchase agreements with Commodity Credit Corporation, certificates of participation in pool of cotton growers' notes, and some loans to Commodity Credit Corporation in connection with its purchase programs. Such loans and certificates totaled \$65,294,000 on Jan. 1, 1948.

<sup>3</sup> Revised.

<sup>4</sup> Alaska, Hawaii, and Virgin Islands.

Bureau of Agricultural Economics. Compiled from reports of the Federal Deposit Insurance Corporation.

FOOTNOTES FOR TABLE 718:

<sup>1</sup> Commercial bank loans are classified by location of bank; those for federally sponsored agencies by location of security or borrower.

<sup>2</sup> Includes loans to individuals covered by purchase agreements with Commodity Credit Corporation, certificates of participation in pool of cotton growers' notes, and some wartime loans to Commodity Credit Corporation in connection with its purchase programs. Such loans and certificates totaled \$65,294,000 on January 1, 1948. Data not available for loans made.

<sup>3</sup> Loans made include renewals.

<sup>4</sup> Loans of \$1,143 held by 3 associations in liquidation are excluded. Loans subject to repurchase agreement with Commodity Credit Corporation are excluded.

<sup>5</sup> Data for loans made during year cannot be allocated by States.

<sup>6</sup> Excludes loans to and discounts for production credit associations, regional agricultural credit corporations, and banks for cooperatives, which are shown in table 727. Loans made include \$12,600,000 and \$1,528,000 to cooperatives in New York and California, respectively. Loans outstanding include \$4,000,000 to cooperatives in New York.

<sup>7</sup> Includes loans secured by Commodity Credit Corporation documents, but excludes "advances under CCC programs".

<sup>8</sup> Succeeded Farm Security Administration on November 1, 1946.

<sup>9</sup> Program began November 1, 1946.

<sup>10</sup> Loans outstanding include loans made from State rural rehabilitation corporation trust funds and loans made by Resettlement Administration.

<sup>11</sup> Includes water-facility loans, construction loans, wartime adjustment loans, and flood and windstorm restoration loans; also includes production and subsistence loans from State rural rehabilitation corporation trust funds.

<sup>12</sup> Loans outstanding include drought-relief and orchard-rehabilitation loans. No loans made during 1947.

<sup>13</sup> Loans made during 1947 were exclusively to water-facility cooperative associations.

<sup>14</sup> Loans "outstanding" are cumulative net advances minus principal repayments; loans "made during year" are net advances, after deducting unused loan funds.

<sup>15</sup> Approximately 77 percent of individuals served by these cooperatives are farmers.

<sup>16</sup> Principally loans to public bodies and to power companies for rural electrification.

<sup>17</sup> Includes loans made directly by Commodity Credit Corporation and guaranteed loans made by other lending agencies. Guaranteed loans held by insured commercial banks are included even though they also are included under banks. As far as possible, loans have been distributed according to location of producer receiving loan. Loans to cooperative associations have been distributed according to location of association.

<sup>18</sup> Includes \$4,000 which cannot be allocated by States.

<sup>19</sup> Includes \$3,391,000 which cannot be allocated by States.

<sup>20</sup> Includes \$5,757,000 which cannot be allocated by States.

Bureau of Agricultural Economics.

TABLE 720.—Farm Credit Administration: Loans and discounts made, 1929-47<sup>1</sup>

Year	Farm-mortgage loans <sup>2</sup>			Loans to cooperatives			
	Federal land banks	Land Bank Commissioner <sup>3</sup>	Total	Federal intermediate credit banks (direct) <sup>4</sup>	Banks for cooperatives, including Central Bank <sup>5</sup>	Agricultural Marketing Act revolving fund <sup>4</sup>	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	64,252		64,252	43,588		14,823	58,411
1930	47,971		47,971	109,927		193,395	303,322
1931	42,015		42,015	145,127		126,773	271,900
1932	27,570		27,570	89,245		34,489	123,734
1933	151,634	70,812	222,446	27,910	27,144	40,687	95,741
1934	730,367	553,136	1,283,503	57,369	40,371	9,555	107,295
1935	248,671	196,396	445,067	44,509	66,348	7,402	118,259
1936	109,170	77,258	186,428	3,755	81,294	20,450	105,499
1937	63,092	40,020	103,112	5,129	97,585	5,935	108,649
1938	51,419	29,395	80,814	2,668	94,946	7,910	105,524
1939	51,582	27,417	78,999	4,155	83,360	1,214	88,729
1940	64,275	36,664	100,939	4,593	101,231	3,094	108,918
1941	65,068	37,533	102,601	5,651	181,570	3,990	191,219
1942	53,974	28,534	82,508	9,397	252,380	5,017	266,794
1943	61,900	30,497	92,397	5,000	398,581	1,417	404,998
1944	70,275	35,017	105,292	3,402	363,637	809	367,848
1945	92,986	29,462	122,448	4,032	333,702	660	338,394
1946	130,162	15,035	145,197	11,579	399,769	975	412,323
1947	138,764	10,606	149,370	14,128	530,248	1,400	545,776

  

Year	Other loans and discounts					Net total
	Federal intermediate credit banks loans to and discounts for— <sup>4</sup>		Production credit associations <sup>4,7</sup>	Regional agricultural credit corporations <sup>4</sup>	Total	
	RAC C's PCA's and BC's <sup>6</sup>	Other financing institutions				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929			94,668		94,668	217,331
1930			109,047		109,047	460,340
1931			122,867		122,867	436,782
1932			151,578		151,578	327,479
1933	109,746	141,017	27	223,116	473,906	682,347
1934	223,596	124,949	107,216	140,589	596,350	1,763,552
1935	252,738	116,909	196,306	90,655	656,608	967,196
1936	271,700	106,206	228,090	34,667	640,663	660,890
1937	342,978	101,458	286,520	18,603	749,559	618,342
1938	370,888	90,466	302,154	5,718	769,226	584,076
1939	381,222	86,558	320,483	4,664	792,927	579,433
1940	419,072	88,593	349,383	4,805	861,853	652,638
1941	539,297	102,261	418,195	6,759	1,066,512	821,027
1942	696,522	110,078	477,715	7,759	1,292,074	944,854
1943	827,473	94,962	501,212	73,254	1,496,901	1,166,823
1944	792,462	81,744	490,477	15,665	1,380,348	1,061,026
1945	759,936	74,491	516,116	9,646	1,360,189	1,061,095
1946	922,816	88,092	614,613	1,470	1,626,991	1,261,695
1947	1,126,164	112,832	757,611	77	1,996,684	1,565,666

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Excludes purchase money mortgages and sales contracts.<sup>3</sup> Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.<sup>4</sup> Includes renewals.<sup>5</sup> Does not include advances in connection with the Commodity Credit Corporation programs.<sup>6</sup> In order to eliminate interagency transactions, the amounts of these loans and discounts for regional agricultural credit corporations, production credit associations, and banks for cooperatives are excluded from the net total.<sup>7</sup> Excludes data for production credit associations in liquidation subsequent to the beginning of liquidation.

Farm Credit Administration.

TABLE 721.—Farm Credit Administration: Loans and discounts outstanding, Jan. 1, 1930-48<sup>1</sup>

Year	Farm-mortgage loans <sup>2</sup>			Loans to cooperatives			
	Federal land banks	Land Bank Commissioner <sup>3</sup>	Total	Federal intermediate credit banks (direct)	Banks for cooperatives, including Central Bank <sup>4</sup>	Agricultural Marketing Act revolving fund	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1930	1,198,514		1,198,514	26,073		14,510	40,583
1931	1,189,604		1,189,604	64,377		136,698	201,075
1932	1,167,898		1,167,898	45,177		156,280	201,457
1933	1,128,564		1,128,564	9,866		158,885	168,751
1934	1,232,707	70,738	1,303,445	15,211	18,697	157,752	191,660
1935	1,915,792	616,825	2,532,617	33,969	27,850	54,863	116,682
1936	2,071,925	794,726	2,866,651	2,731	50,013	44,433	97,177
1937	2,064,158	836,779	2,900,937	1,641	69,647	53,754	125,042
1938	2,035,307	812,749	2,848,056	1,813	87,633	30,982	120,428
1939	1,982,224	752,851	2,735,075	920	87,496	23,723	112,139
1940	1,904,655	690,880	2,595,535	1,835	76,252	20,547	98,634
1941	1,851,218	648,296	2,499,514	1,490	74,741	16,461	92,692
1942	1,764,398	596,802	2,361,200	2,152	113,444	16,914	132,510
1943	1,602,846	512,198	2,115,044	2,000	144,643	12,551	159,194
1944	1,357,938	406,190	1,764,128	2,000	235,174	7,351	244,525
1945	1,136,928	329,700	1,466,628	700	212,835	3,067	216,602
1946	1,027,587	228,397	1,255,984	2,042	157,545	2,693	162,280
1947	944,421	140,127	1,084,548	4,151	181,550	2,232	187,933
1948	869,425	103,195	972,620	4,000	274,777	2,602	281,379

  

Year	Other loans and discounts					Net total
	Federal intermediate credit banks loans to and discounts for—		Production credit associations <sup>4</sup>	Regional agricultural credit corporations	Total	
	RAC C's PCA's and BC's <sup>5</sup>	Other financing institutions				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1930		50,018			50,018	1,289,115
1931		65,633			65,633	1,456,312
1932		74,692			74,692	1,444,047
1933		82,518			82,518	1,404,206
1934	73,264	60,989		27	144,636	1,700,757
1935	99,675	55,672	60,852	87,102	303,301	2,852,925
1936	104,706	47,162	93,911	43,400	289,179	3,148,301
1937	129,872	41,017	105,088	25,288	301,265	3,197,372
1938	165,194	40,464	137,349	15,592	358,599	3,161,889
1939	168,392	33,545	145,479	11,081	358,477	3,037,319
1940	165,236	33,354	153,675	8,005	360,270	2,889,203
1941	186,932	34,102	171,866	5,855	398,755	2,804,029
1942	226,017	39,222	187,497	5,532	458,268	2,725,961
1943	272,964	39,059	184,663	3,991	500,677	2,501,951
1944	308,671	35,778	198,735	32,047	575,231	2,275,213
1945	267,135	31,198	191,684	12,195	502,212	1,918,307
1946	241,879	27,870	198,887	6,151	474,787	1,651,172
1947	276,461	34,244	233,907	2,560	547,172	1,543,192
1948	334,087	42,909	293,608	1,862	672,466	1,592,378

<sup>1</sup> Includes Puerto Rico.<sup>2</sup> Excludes purchase money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.<sup>3</sup> Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.<sup>4</sup> Does not include advances in connection with the Commodity Credit Corporation programs.<sup>5</sup> In order to eliminate interagency transactions, the amounts of these loans and discounts for regional agricultural credit corporations, production credit associations, and banks for cooperatives are excluded from the net total.<sup>6</sup> Excludes data for production credit associations in liquidation subsequent to the beginning of liquidation.

Farm Credit Administration.

TABLE 722.—Federal land banks: Number of national farm loan associations on Jan. 1, 1948; number and amount of Federal land bank and Land Bank Commissioner loans made during 1947, and number and amount of loans outstanding, Jan. 1, 1948<sup>1</sup>

State and division	National farm loan associations, Jan. 1, 1948	Loans made during 1947				Loans outstanding, Jan. 1, 1948			
		Federal land banks		Land Bank Commissioner <sup>2</sup>		Federal land banks		Land Bank Commissioner <sup>2</sup>	
		Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars
Maine.....	7	119	405	51	36	1,437	2,634	762	676
New Hampshire.....	1	77	279	36	23	609	1,398	302	257
Vermont.....	8	248	1,107	96	74	1,607	4,589	612	523
Massachusetts.....	9	191	799	84	97	2,450	5,924	977	1,176
Rhode Island.....	1	12	66	7	9	344	931	108	178
Connecticut.....	4	114	605	50	79	1,736	4,974	652	896
New England.....	30	761	3,261	324	318	8,183	20,450	3,413	3,706
New York.....	28	837	3,557	442	452	10,204	26,087	3,589	3,497
New Jersey.....	7	205	1,117	98	109	2,640	8,016	1,239	1,702
Pennsylvania.....	12	489	1,899	249	247	5,299	10,927	1,635	1,505
Middle Atlantic.....	47	1,531	6,573	789	808	18,143	45,030	6,463	6,704
Ohio.....	33	470	2,199	154	140	7,491	16,469	1,598	1,456
Indiana.....	38	603	2,699	180	186	10,262	20,692	2,039	1,683
Illinois.....	50	1,075	7,122	236	290	11,460	53,227	2,050	2,658
Michigan.....	47	907	3,257	162	172	10,005	20,093	3,307	2,812
Wisconsin.....	44	1,103	4,657	203	188	11,522	31,656	4,570	5,910
East North Central.....	212	4,158	19,934	935	976	50,740	142,137	13,564	14,519
Minnesota.....	62	1,396	7,091	290	295	16,235	50,562	4,655	5,250
Iowa.....	82	1,617	11,964	612	715	19,397	83,827	2,181	3,151
Missouri.....	30	993	3,464	175	223	8,361	20,422	3,322	3,000
North Dakota.....	32					5,276	14,061	2,824	3,539
South Dakota.....	33	1,152	5,557	338	316	8,632	26,306	1,867	2,214
Nebraska.....	62	1,203	7,294	448	432	13,106	47,961	2,432	3,538
Kansas.....	50	949	4,147	337	260	10,010	29,913	3,010	3,132
West North Central.....	351	7,410	39,517	2,200	2,241	81,017	273,052	20,291	23,824
Delaware.....	1	21	88	14	16	187	462	94	81
Maryland.....	5	109	509	56	59	1,252	3,760	505	585
Virginia.....	13	168	775	71	74	4,052	8,910	987	992
West Virginia.....	4	90	431	52	76	2,154	3,651	561	502
North Carolina.....	22	993	2,732	494	316	6,922	11,818	3,744	2,575
South Carolina.....	21	582	1,487	259	145	4,932	8,276	3,091	2,175
Georgia.....	29	1,123	3,185	516	327	8,662	13,718	5,445	3,520
Florida.....	12	375	2,480	233	270	2,628	7,580	1,881	1,829
South Atlantic.....	107	3,461	11,687	1,695	1,283	30,789	58,175	16,508	12,259
Kentucky.....	25	325	1,639	143	168	4,580	9,899	1,565	1,236
Tennessee.....	22	419	1,467	157	142	5,657	9,532	1,895	1,312
Alabama.....	32	1,459	3,542	500	247	11,140	15,880	4,154	1,831
Mississippi.....	32	1,538	3,551	452	230	9,739	17,266	3,765	1,844
East South Central.....	111	3,741	10,199	1,252	787	31,116	52,577	11,379	6,223
Arkansas.....	21	663	2,148	179	195	5,614	9,874	1,935	1,447
Louisiana.....	25	502	2,018	185	157	5,332	11,580	1,665	1,153
Oklahoma.....	31	1,095	3,540	475	306	7,932	17,704	3,739	2,510
Texas.....	143	2,177	9,983	970	754	36,498	94,274	9,178	8,469
West South Central.....	220	4,437	17,689	1,809	1,412	55,376	133,432	16,517	13,579
Montana.....	19	337	1,933	176	217	3,329	10,408	1,517	1,997
Idaho.....	17	581	2,838	231	220	4,398	11,789	1,577	1,767
Wyoming.....	23	209	1,628	93	125	2,105	7,608	727	842
Colorado.....	17	561	2,823	185	180	4,603	14,240	1,902	1,837
New Mexico.....	11	242	1,232	101	101	2,160	5,552	769	741
Arizona.....	3	140	1,047	71	98	1,189	5,784	369	524
Utah.....	9	251	1,245	133	121	2,353	6,445	820	865
Nevada.....	1	35	244	18	20	232	1,477	83	117
Mountain.....	100	2,356	12,990	1,008	1,082	20,369	63,303	7,764	8,690

See footnotes at end of table.

TABLE 722.—Federal land banks: Number of national farm loan associations on Jan. 1, 1948; number and amount of Federal land bank and Land Bank Commissioner loans made during 1947, and number and amount of loans outstanding, Jan. 1, 1948 <sup>1</sup>—Continued

State and division	National farm loan associations, Jan. 1, 1948	Loans made during 1947				Loans outstanding, Jan. 1, 1948			
		Federal land banks		Land Bank Commissioner <sup>2</sup>		Federal land banks		Land Bank Commissioner <sup>2</sup>	
		Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars
Washington.....	21	439	2,222	207	208	4,300	11,714	1,319	1,464
Oregon.....	19	464	2,446	213	221	3,673	12,049	1,381	1,740
California.....	44	1,592	10,764	754	1,009	9,057	48,722	5,016	8,124
Pacific.....	84	2,495	15,432	1,174	1,438	17,030	72,485	7,716	11,328
United States.....	1,262	30,350	137,282	11,186	10,345	312,763	860,641	103,415	100,832
Puerto Rico.....		259	1,482	193	261	2,810	8,784	1,345	2,363
Total.....	1,262	30,609	138,764	11,379	10,606	315,573	869,425	104,760	103,195

<sup>1</sup> Excludes purchase money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.

<sup>2</sup> Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired on July 1, 1947, except for the limited purpose of refinancing loans previously made.

Farm Credit Administration.

TABLE 723.—Federal land banks: Amount of debt owed by farmers and secured by farm real estate, by States, Jan. 1, 1947 and 1948

State and division	Mortgages outstanding				Real estate sales contracts and notes receivable		Total debt	
	Mortgage loans		Purchase-money mortgages		1947	1948	1947	1948
	1947	1948	1947	1948				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2,647	2,634	364	304	227	117	3,238	3,055
New Hampshire.....	1,361	1,398	44	35	12	7	1,417	1,440
Vermont.....	4,296	4,589	64	47	47	16	4,407	4,652
Massachusetts.....	6,022	5,924	190	158	61	69	6,273	6,151
Rhode Island.....	1,012	931	6	6	0	0	1,018	937
Connecticut.....	5,095	4,974	47	36	7	7	5,149	5,017
New England.....	20,433	20,450	715	586	354	216	21,502	21,252
New York.....	26,269	26,087	682	561	479	298	27,430	26,946
New Jersey.....	8,140	8,016	176	144	19	11	8,335	8,171
Pennsylvania.....	11,268	10,927	326	264	175	125	11,769	11,316
Middle Atlantic.....	45,677	45,030	11,184	969	673	434	47,534	46,433
Ohio.....	18,390	16,469	301	240	9	5	18,700	16,714
Indiana.....	23,793	20,692	1,175	842	11	7	24,979	21,541
Illinois.....	61,123	53,227	776	491	15	8	61,914	53,726
Michigan.....	21,219	20,093	64	49	807	599	22,090	20,741
Wisconsin.....	34,796	31,656	207	164	1,960	1,398	36,963	33,218
East North Central.....	159,321	142,137	2,523	1,786	2,802	2,017	164,646	145,940
Minnesota.....	57,813	50,562	256	180	2,689	1,912	60,758	52,654
Iowa.....	99,174	83,827	721	498	623	431	100,518	84,756
Missouri.....	22,115	20,422	821	627	4	4	22,940	21,053
North Dakota.....	18,670	14,061	255	188	4,154	2,724	23,079	16,973
South Dakota.....	29,560	26,306	279	194	2,314	1,450	32,153	27,950
Nebraska.....	57,368	47,961	560	357	1,541	861	59,469	49,179
Kansas.....	34,772	29,913	49	29	1,508	861	36,329	30,803
West North Central.....	319,472	273,052	2,941	2,073	12,833	8,243	335,246	283,368
Delaware.....	455	462	3	2	6	4	464	468
Maryland.....	4,015	3,760	66	55	21	16	4,102	3,831
Virginia.....	10,010	8,910	205	142	97	52	10,312	9,104
West Virginia.....	3,999	3,651	87	81	57	36	4,143	3,768
North Carolina.....	11,061	11,818	382	291	37	36	11,480	12,145
South Carolina.....	8,126	8,276	441	330	60	49	8,627	8,655
Georgia.....	12,887	13,718	776	573	29	20	13,692	14,311
Florida.....	6,024	7,580	276	233	19	13	6,319	7,826
South Atlantic.....	56,577	58,175	2,236	1,707	326	226	59,139	60,108
Kentucky.....	10,842	9,899	296	218	3	2	11,141	10,119
Tennessee.....	10,284	9,532	159	112	2	1	10,445	9,645
Alabama.....	15,445	15,880	837	637	2	2	16,284	16,519
Mississippi.....	16,583	17,266	1,617	1,178	5	4	18,205	18,448
East South Central.....	53,154	52,577	2,909	2,145	12	9	56,075	54,731
Arkansas.....	9,776	9,874	592	426	1	1	10,369	10,301
Louisiana.....	11,591	11,580	553	403	25	24	12,169	12,007
Oklahoma.....	18,657	17,704	67	45	234	143	18,958	17,892
Texas.....	105,214	94,274	2,893	2,217	3	1	108,110	96,492
West South Central.....	145,238	133,432	4,105	3,091	263	169	149,606	136,692
Montana.....	10,723	10,408	27	23	755	534	11,505	10,965
Idaho.....	11,726	11,789	94	69	1,056	746	12,876	12,604
Wyoming.....	7,752	7,608	23	15	121	91	7,896	7,714
Colorado.....	14,654	14,240	101	76	591	355	15,346	14,671
New Mexico.....	5,638	5,552	12	7	32	19	5,682	5,578
Arizona.....	5,720	5,784	92	63	16	12	5,828	5,859
Utah.....	6,520	6,445	376	269	241	226	7,137	6,940
Nevada.....	1,429	1,477	123	91	39	38	1,591	1,606
Mountain.....	64,162	63,303	848	613	2,851	2,021	67,861	65,937
Washington.....	11,890	11,714	33	28	918	654	12,841	12,396
Oregon.....	12,103	12,049	21	14	614	428	12,738	12,491
California.....	48,117	48,722	643	459	183	154	48,943	49,335
Pacific.....	72,110	72,485	697	501	1,715	1,236	74,522	74,222
United States.....	936,144	860,641	18,158	13,471	21,829	14,571	1,976,749	1,888,932

<sup>1</sup>Includes loans in process of foreclosure and loans in suspense, amounting to \$618,000 as of Jan. 1, 1947, and \$249,000 as of Jan. 1, 1948, which cannot be allocated by States.

Farm Credit Administration.



TABLE 724.—Federal Farm Mortgage Corporation: Amount of debt owed by farmers and secured by farm real estate, by States, Jan. 1, 1947 and 1948

State and division	Mortgages outstanding				Real estate sales contracts and notes receivable		Total debt	
	Mortgage loans <sup>1</sup>		Purchase-money mortgages		1947	1948	1947	1948
	1947	1948	1947	1948				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	960	676	113	93	63	32	1,136	801
New Hampshire.....	360	257	15	12	15	14	390	283
Vermont.....	689	523	8	8	6	-----	703	531
Massachusetts.....	1,606	1,176	124	100	61	27	1,791	1,303
Rhode Island.....	244	178	7	7	-----	-----	251	185
Connecticut.....	1,278	896	27	23	-----	-----	1,305	919
New England.....	5,137	3,706	294	243	145	73	5,576	4,022
New York.....	4,752	3,497	145	116	91	56	4,988	3,669
New Jersey.....	2,286	2,702	109	72	6	6	2,401	1,780
Pennsylvania.....	1,880	1,505	88	64	42	26	2,010	1,595
Middle Atlantic.....	8,918	6,704	342	252	139	88	9,399	7,044
Ohio.....	2,274	1,456	92	70	4	1	2,370	1,527
Indiana.....	2,581	1,683	141	102	9	8	2,731	1,793
Illinois.....	3,871	2,658	115	97	-----	-----	3,986	2,755
Michigan.....	3,742	2,812	32	25	160	113	3,934	2,955
Wisconsin.....	7,902	5,910	33	22	463	318	8,398	6,250
East North Central.....	20,370	14,519	413	316	636	445	21,419	15,280
Minnesota.....	7,243	5,250	27	19	572	427	7,842	5,696
Iowa.....	4,281	3,151	34	25	112	75	4,427	3,251
Missouri.....	4,107	3,000	98	72	7	-----	4,212	3,072
North Dakota.....	4,962	3,539	27	28	1,281	927	6,270	4,494
South Dakota.....	3,010	2,214	51	38	345	227	3,406	2,479
Nebraska.....	5,587	3,538	136	114	426	217	6,149	3,869
Kansas.....	4,703	3,132	2	1	845	485	5,550	3,618
West North Central.....	33,893	23,824	375	297	3,588	2,358	37,856	26,479
Delaware.....	96	81	8	6	4	1	108	88
Maryland.....	733	585	52	43	33	26	818	654
Virginia.....	1,322	992	64	56	27	14	1,413	1,062
West Virginia.....	615	502	18	12	4	3	637	517
North Carolina.....	3,343	2,575	83	65	12	9	3,438	2,649
South Carolina.....	3,087	2,175	132	94	40	28	3,259	2,297
Georgia.....	4,914	3,520	208	157	34	22	5,156	3,699
Florida.....	2,157	1,829	161	145	26	16	2,344	1,990
South Atlantic.....	16,267	12,259	726	578	180	119	17,173	12,956
Kentucky.....	1,917	1,236	91	68	1	-----	2,009	1,304
Tennessee.....	1,979	1,312	66	55	-----	-----	2,045	1,367
Alabama.....	2,485	1,831	75	62	1	1	2,561	1,894
Mississippi.....	2,388	1,844	95	74	1	1	2,484	1,919
East South Central.....	8,769	6,223	327	259	3	2	9,099	6,484
Arkansas.....	1,847	1,447	42	32	-----	-----	1,889	1,479
Louisiana.....	1,530	1,153	27	22	-----	-----	1,557	1,175
Oklahoma.....	3,468	2,510	-----	-----	141	96	3,609	2,606
Texas.....	11,578	8,469	389	286	16	16	11,983	8,771
West South Central.....	18,423	13,579	458	340	157	112	19,038	14,031
Montana.....	2,589	1,997	-----	-----	91	57	2,680	2,054
Idaho.....	2,269	1,767	-----	-----	129	102	2,398	1,869
Wyoming.....	1,123	842	5	1	77	61	1,205	904
Colorado.....	2,600	1,837	4	3	123	80	2,727	1,920
New Mexico.....	944	741	-----	-----	2	1	946	742
Arizona.....	649	524	-----	-----	5	3	654	527
Utah.....	1,058	865	7	5	66	51	1,131	921
Nevada.....	141	117	1	1	5	1	147	119
Mountain.....	11,373	8,690	17	10	498	356	11,888	9,056
Washington.....	1,793	1,464	3	3	81	53	1,877	1,520
Oregon.....	2,194	1,740	-----	-----	72	42	2,266	1,782
California.....	10,439	8,124	125	58	191	133	10,755	8,315
Pacific.....	14,426	11,328	128	61	344	228	14,898	11,617
United States.....	137,576	100,832	3,080	2,356	5,690	3,781	<sup>1</sup> 146,620	<sup>2</sup> 107,066

<sup>1</sup> Represents loans made by the Land Bank Commissioner on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired on July 1, 1947, except for the limited purpose of refinancing loans previously made.

<sup>2</sup> Includes loans in process of foreclosure and loans in suspense, amounting to \$274,000 as of Jan. 1, 1947, and \$97,000 as of Jan. 1, 1948, which cannot be allocated by States.

Farm Credit Administration.

TABLE 725.—Federal land bank and Land Bank Commissioner loans: Number "delinquent and/or extended" as a percentage of number outstanding, by States, Jan. 1, 1945-48<sup>1</sup>

State and division	Federal land bank loans				Land Bank Commissioner loans <sup>2</sup>			
	1945	1946	1947	1948	1945	1946	1947	1948
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Maine.....	10.9	13.0	14.8	8.9	13.9	15.7	16.4	11.9
New Hampshire.....	4.7	7.8	7.8	8.7	9.6	12.0	11.8	15.9
Vermont.....	7.1	7.3	8.0	9.6	9.2	9.0	9.6	14.4
Massachusetts.....	4.6	3.8	4.0	3.9	8.3	7.2	7.2	8.1
Rhode Island.....	5.4	5.1	3.4	5.5	10.6	8.2	10.3	13.0
Connecticut.....	4.0	4.5	5.0	6.2	6.6	7.5	9.9	11.5
New England.....	6.1	6.6	7.2	6.8	9.3	9.6	10.7	11.6
New York.....	5.5	6.0	5.5	6.2	7.7	7.9	8.2	9.5
New Jersey.....	4.6	5.2	5.9	6.4	6.5	7.4	10.1	10.3
Pennsylvania.....	9.6	7.5	4.6	4.2	7.5	6.9	4.9	5.1
Middle Atlantic.....	6.6	6.3	5.3	5.6	7.4	7.5	7.7	8.6
Ohio.....	3.3	2.8	2.7	2.7	4.4	4.7	4.3	6.9
Indiana.....	1.8	2.1	1.8	1.9	2.2	2.9	2.8	3.7
Illinois.....	2.3	3.8	1.7	1.9	3.2	9.2	4.1	4.9
Michigan.....	5.3	4.3	3.4	4.1	6.6	7.2	6.1	7.8
Wisconsin.....	5.9	4.4	3.2	4.1	10.4	9.2	6.4	8.2
East North Central.....	3.8	3.5	2.5	2.9	5.9	7.0	5.1	6.8
Minnesota.....	6.3	3.3	2.4	2.7	9.8	6.6	4.7	5.2
Iowa.....	3.8	3.2	2.0	1.8	6.1	10.1	5.6	5.0
Missouri.....	4.1	4.1	2.3	2.3	3.4	5.5	3.3	3.9
North Dakota.....	11.4	6.4	3.4	3.5	18.7	10.0	5.1	4.4
South Dakota.....	8.4	3.1	2.0	1.6	12.5	7.4	4.9	4.0
Nebraska.....	14.2	6.9	3.1	1.8	20.2	15.2	7.7	4.3
Kansas.....	5.4	3.8	2.9	2.3	7.8	7.4	6.9	6.3
West North Central.....	7.4	4.2	2.5	2.2	10.7	8.5	5.4	4.8
Delaware.....	2.8	2.0	0.5	0.5	3.6	2.8	0.9	1.1
Maryland.....	5.3	5.7	2.6	2.6	5.8	8.6	4.0	4.6
Virginia.....	8.2	7.1	5.7	5.6	7.3	7.2	6.0	6.4
West Virginia.....	5.0	5.9	4.7	4.6	6.1	6.6	7.1	6.4
North Carolina.....	11.8	11.4	13.4	12.5	10.9	13.4	15.5	16.7
South Carolina.....	14.9	16.9	14.5	15.6	15.6	19.2	17.9	22.4
Georgia.....	12.0	11.8	12.2	12.8	10.8	12.5	14.9	17.9
Florida.....	5.7	4.7	5.1	5.9	5.4	6.2	6.7	8.3
South Atlantic.....	10.2	10.3	10.2	10.6	10.5	12.6	13.4	15.8
Kentucky.....	4.5	5.0	4.3	3.7	5.2	6.0	5.2	5.6
Tennessee.....	4.6	6.2	5.0	4.8	4.7	6.8	6.5	6.4
Alabama.....	10.0	9.9	2.7	8.9	10.2	9.9	13.3	10.9
Mississippi.....	11.6	12.8	5.2	11.1	11.1	14.0	21.3	16.4
East South Central.....	8.3	9.1	4.1	8.1	8.2	9.8	13.2	11.2
Arkansas.....	4.5	6.3	4.1	3.4	4.2	8.5	5.3	5.5
Louisiana.....	12.7	14.2	14.1	12.6	12.8	16.6	19.0	15.0
Oklahoma.....	6.4	5.6	4.6	3.6	8.2	7.9	6.8	7.1
Texas.....	2.5	3.3	0.2	0.2	4.6	7.3	4.0	2.1
West South Central.....	4.2	4.9	2.5	2.2	5.9	8.4	6.3	5.0
Montana.....	9.6	8.7	6.6	5.8	8.7	10.5	10.4	8.1
Idaho.....	5.9	6.9	6.0	4.9	7.9	9.9	9.6	7.4
Wyoming.....	10.1	7.7	5.2	4.4	13.5	12.5	9.8	8.0
Colorado.....	11.2	8.4	6.2	4.6	12.3	10.9	8.8	6.8
New Mexico.....	7.3	6.3	6.2	6.9	8.0	10.8	8.7	11.3
Arizona.....	8.0	7.4	7.1	6.1	7.6	10.0	7.9	7.9
Utah.....	7.1	8.3	6.5	6.5	9.9	11.3	9.6	9.4
Nevada.....	9.4	6.3	4.0	3.4	8.8	7.8	6.7	6.0
Mountain.....	8.6	7.7	6.2	5.4	10.0	10.8	9.4	8.0
Washington.....	5.8	5.9	5.8	6.4	6.2	7.3	8.0	9.3
Oregon.....	4.4	4.2	4.0	3.9	5.7	6.5	5.4	5.9
California.....	3.2	3.2	2.6	3.2	4.5	4.7	4.3	5.6
Pacific.....	4.2	4.1	3.7	4.2	5.0	5.4	5.1	6.3
United States.....	6.3	5.6	3.9	4.4	8.3	8.9	8.2	8.3

<sup>1</sup> Continental United States only. Includes extensions and deferments authorized by amendments to Federal Farm Loan Act. Excludes purchase-money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.

<sup>2</sup> Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. Farm Credit Administration.

TABLE 726.—Production credit associations: Number of associations, Jan. 1, 1948; loans made during 1947, and loans outstanding on specified dates, 1946-48, by States

State and division	Production credit associations, Jan. 1, 1948 <sup>1</sup>	Loans made <sup>2</sup>		Loans outstanding				
		1947		1946		1947		1948
		Jan. 1- June 30	July 1- Dec. 31	Jan. 1 <sup>3</sup>	July 1 <sup>3</sup>	Jan. 1 <sup>3</sup>	July 1 <sup>3</sup>	Jan. 1
	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	7	2,513	2,249	1,079	2,434	1,467	2,438	2,449
New Hampshire.....	1	517	393	333	451	412	542	528
Vermont.....	3	2,374	2,637	1,872	2,148	2,286	2,664	2,964
Massachusetts.....	4	1,573	1,313	959	1,544	1,286	1,850	1,555
Rhode Island.....	1	264	226	238	282	214	297	276
Connecticut.....	1	2,067	1,872	1,587	1,712	1,657	2,123	2,333
New England.....	17	9,308	8,690	6,068	8,571	7,322	9,914	10,105
New York.....	13	14,573	11,740	9,327	13,927	11,944	16,097	15,324
New Jersey.....	4	2,851	1,880	1,336	2,384	1,729	3,094	2,459
Pennsylvania.....	11	6,840	4,896	4,351	5,758	5,600	7,344	7,306
Middle Atlantic.....	28	24,264	18,516	15,014	22,069	19,273	26,535	25,089
Ohio.....	11	12,028	11,089	7,430	9,655	9,271	11,848	12,629
Indiana.....	10	15,572	14,258	8,959	11,175	10,218	13,397	13,868
Illinois.....	19	18,070	17,702	10,888	12,157	11,936	13,651	14,929
Michigan.....	11	3,777	3,358	2,499	3,177	2,824	4,009	4,243
Wisconsin.....	17	7,644	7,368	5,500	6,436	5,810	7,439	7,731
East North Central.....	68	57,091	53,775	35,276	42,600	40,059	50,344	53,400
Minnesota.....	21	9,697	10,193	6,482	6,799	6,482	7,491	7,965
Iowa.....	16	11,366	13,152	6,663	5,819	7,361	6,643	8,382
Missouri.....	13	12,788	12,978	7,205	9,188	8,081	10,309	9,404
North Dakota.....	5	2,795	2,373	1,479	2,296	1,719	2,918	2,009
South Dakota.....	9	4,769	5,340	3,299	3,358	3,249	3,597	3,736
Nebraska.....	14	6,943	8,570	4,844	4,796	4,411	4,678	6,184
Kansas.....	14	6,925	8,908	3,383	4,185	4,493	5,510	6,353
West North Central.....	92	55,283	61,514	33,355	36,441	35,796	41,146	44,033
Delaware.....	1	665	467	364	538	452	704	625
Maryland.....	6	3,197	3,334	1,759	3,113	2,868	3,735	3,513
Virginia.....	13	3,941	4,105	2,376	3,953	2,775	4,708	3,695
West Virginia.....	4	788	964	829	1,090	968	1,269	1,290
North Carolina.....	27	14,913	5,505	3,193	14,041	4,093	16,553	5,279
South Carolina.....	22	7,981	2,441	1,847	7,198	1,968	8,500	2,961
Georgia.....	31	13,209	5,094	4,361	11,967	5,715	15,183	7,225
Florida.....	10	4,604	7,241	4,489	3,477	6,220	5,437	7,622
South Atlantic.....	114	49,298	28,151	19,218	45,377	25,059	56,089	32,210
Kentucky.....	11	5,821	5,637	4,502	5,174	5,232	6,269	6,617
Tennessee.....	9	4,553	4,033	3,248	4,396	3,421	5,398	4,809
Alabama.....	8	7,243	4,065	3,026	7,371	3,219	7,418	3,581
Mississippi.....	10	16,152	7,446	5,143	14,343	7,264	17,304	5,560
East South Central.....	38	33,769	21,181	15,919	31,284	19,136	36,389	20,567
Arkansas.....	14	10,881	5,257	2,879	8,342	2,965	11,115	3,398
Louisiana.....	8	9,131	5,332	2,787	8,825	3,609	10,224	3,719
Oklahoma.....	14	6,463	8,729	3,588	5,669	4,627	6,179	6,343
Texas.....	36	52,547	52,000	22,667	32,967	28,812	41,025	31,191
West South Central.....	72	79,022	71,318	31,921	55,803	40,013	68,543	44,651
Montana.....	11	9,319	11,882	5,026	8,465	4,250	8,530	6,377
Idaho.....	5	8,470	11,708	3,987	6,360	4,382	7,665	7,413
Wyoming.....	1	3,198	4,299	1,894	3,321	2,436	4,009	3,129
Colorado.....	8	10,487	12,768	4,865	7,107	6,370	8,232	8,167
New Mexico.....	5	3,364	4,299	1,807	2,642	2,068	3,134	2,975
Arizona.....	2	2,943	3,861	2,008	1,570	2,565	1,915	2,714
Utah.....	2	3,347	4,944	2,015	2,404	2,057	3,194	2,612
Nevada.....	1	1,109	1,556	626	900	570	801	798
Mountain.....	35	42,237	55,317	22,228	32,769	24,698	37,480	34,185
Washington.....	6	4,554	4,861	2,286	3,864	2,727	4,252	3,253
Oregon.....	8	8,919	10,009	3,975	7,030	4,870	8,110	6,414
California.....	25	23,099	27,791	9,524	14,574	11,069	18,478	15,170
Pacific.....	39	36,572	42,661	15,785	25,468	18,666	30,840	24,837
United States.....	503	386,844	361,123	194,784	300,382	230,022	357,280	289,077
Puerto Rico.....	1	5,607	4,037	4,103	3,788	3,885	4,725	4,531

<sup>1</sup> Excludes data for associations in liquidation; there are 3 such associations, in the State of Washington.

<sup>2</sup> Includes renewals.

<sup>3</sup> Excludes data for associations in liquidation; there were outstanding \$3,000 in loans in the State of Washington.

TABLE 727.—Federal intermediate credit banks: Loans and discounts made, 1938-47, and outstanding Jan. 1, 1939-48, by type of borrowing institution<sup>1</sup>

## MADE DURING YEAR

Year	Production credit associations	Banks for cooperatives	Direct loans to cooperative associations	Others <sup>2</sup>	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1938.....	329,962	38,429	2,668	88,698	459,757
1939.....	350,101	28,880	4,156	85,382	468,519
1940.....	384,017	31,061	4,593	87,314	506,985
1941.....	465,347	68,608	5,651	100,697	640,303
1942.....	532,338	159,055	9,397	106,881	807,671
1943.....	599,807	222,782	5,000	91,790	919,379
1944.....	644,022	142,628	3,402	79,266	869,318
1945.....	656,560	93,481	4,032	73,039	829,112
1946.....	796,614	118,946	11,579	84,892	1,012,031
1947.....	981,939	134,555	14,128	107,545	1,238,167

## OUTSTANDING JAN. 1

1939.....	141,965	25,045	920	32,611	200,541
1940.....	146,323	17,560	1,835	32,316	198,034
1941.....	169,565	15,554	1,490	33,116	219,725
1942.....	191,718	31,582	2,152	37,939	263,391
1943.....	194,564	76,160	2,000	38,182	310,906
1944.....	202,848	103,685	2,000	34,137	342,670
1945.....	198,754	65,003	700	29,966	294,423
1946.....	197,333	40,518	2,042	26,487	266,380
1947.....	231,285	41,538	4,151	31,701	308,675
1948.....	285,349	44,534	4,000	37,915	371,798

<sup>1</sup> Excluding all Puerto Rican loans made and outstanding.<sup>2</sup> Privately capitalized financing institutions.

Farm Credit Administration.

TABLE 728.—Loans to farmers' cooperative organizations: Amounts held by agencies supervised by the Farm Credit Administration, classified by type of loan, Jan. 1, 1939-48<sup>1</sup>

Year	Federal intermediate credit banks	Banks for cooperatives				Agricultural Marketing Act revolving fund	
	Commodity loans	Secured by CCC documents <sup>2</sup>	Commodity loans	Operating capital loans	Facility loans	Operating capital loans	Facility loans
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1939.....	920	-----	26,871	36,132	24,910	17,781	5,942
1940.....	1,835	-----	20,598	32,288	22,957	15,523	5,024
1941.....	1,490	-----	17,716	35,322	21,367	12,167	4,294
1942.....	2,152	-----	37,036	51,979	23,677	12,801	4,113
1943.....	2,000	-----	67,048	54,450	22,855	11,700	851
1944.....	2,000	88,637	55,467	70,132	20,832	7,065	286
1945.....	700	91,040	35,631	64,438	21,364	2,863	204
1946.....	2,042	28,500	37,096	67,545	23,959	2,488	204
1947.....	4,151	5,389	39,690	98,147	34,735	2,028	204
1948.....	4,000	7,947	48,158	150,235	66,946	2,398	204

<sup>1</sup> Excludes Puerto Rico.<sup>2</sup> Commodity Credit Corporation.

Farm Credit Administration.

TABLE 729.—Regional Agricultural Credit Corporation of Washington, D. C.:  
Loans and advances outstanding Jan. 1, 1947 and 1948, by States

State and division	Loans and advances outstanding			
	Jan. 1, 1947		Jan. 1, 1948	
	Number	1,000 dollars	Number	1,000 dollars
Maine.....	47	26	26	13
New Hampshire.....	14	13	8	4
Vermont.....	8	3	6	2
Massachusetts.....	8	3	5	2
Rhode Island.....	3	2	3	2
Connecticut.....	5	2	3	2
New England.....	85	49	51	25
New York.....	147	101	102	58
New Jersey.....	10	7	5	2
Pennsylvania.....	160	73	120	53
Middle Atlantic.....	317	181	227	113
Ohio.....	37	23	31	20
Indiana.....	60	23	48	16
Illinois.....	29	9	29	9
Michigan.....	160	37	130	31
Wisconsin.....	102	27	77	21
East North Central.....	388	119	315	97
Minnesota.....	343	113	285	70
Iowa.....	89	34	75	25
Missouri.....	191	52	166	40
North Dakota.....	343	93	254	68
South Dakota.....	183	49	144	36
Nebraska.....	159	85	114	44
Kansas.....	211	114	169	78
West North Central.....	1,519	540	1,207	361
Delaware.....	5	2	5	1
Maryland.....	55	37	52	34
Virginia.....	105	50	89	41
West Virginia.....	18	7	14	3
North Carolina.....	51	17	47	15
South Carolina.....	36	21	26	13
Georgia.....	123	79	101	63
Florida.....	43	35	37	28
South Atlantic.....	436	248	371	198
Kentucky.....	57	12	38	10
Tennessee.....	105	23	82	20
Alabama.....	46	17	31	9
Mississippi.....	56	15	49	10
East South Central.....	264	67	200	49
Arkansas.....	226	61	193	47
Louisiana.....	88	20	64	12
Oklahoma.....	1,040	313	933	244
Texas.....	230	119	192	72
West South Central.....	1,584	513	1,382	375
Montana.....	21	14	19	11
Idaho.....	26	13	21	9
Wyoming.....	40	43	29	31
Colorado.....	97	85	77	63
New Mexico.....	103	85	86	70
Arizona.....	2	1	2	1
Utah.....	20	24	15	17
Nevada.....	0	0	0	0
Mountain.....	309	265	249	202
Washington.....	141	360	132	349
Oregon.....	23	29	18	24
California.....	104	177	38	65
Pacific.....	268	566	188	438
United States.....	5,170	1,250	4,190	1,862

<sup>1</sup> Includes \$12,000 which cannot be allocated by States.<sup>2</sup> Includes \$4,000 which cannot be allocated by States.

Farm Credit Administration.

TABLE 730.—*Real estate loans to individuals by Farmers Home Administration: Number of direct loans to new borrowers, amount of direct loans made and outstanding, 1938-48; number of insured loans to new borrowers, amount insured and outstanding, October 1947-March 1948, United States and Territories*<sup>1</sup>

Year	Direct loans <sup>2</sup>			Insured loans		
	New borrowers	Amount of loans <sup>3</sup>	Amount outstanding, Jan. 1 <sup>4</sup>	New borrowers	Amount of loans	Amount outstanding, Mar. 31
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1938.....	2,028	10,275				
1939.....	4,622	26,576	10,275			
1940.....	7,023	39,713	32,301			
1941.....	11,692	60,667	66,286			
1942.....	7,680	35,695	116,610			
1943.....	5,291	33,575	160,258			
1944.....	<sup>5</sup> 7,617	<sup>5</sup> 37,718	174,946			
1945.....	2,650	17,059	<sup>5</sup> 196,815			
1946.....	6,735	47,149	185,060			
1947.....	3,538	27,760	192,620	231	1,652	
1948.....			198,279			<sup>7</sup> 1,644

<sup>1</sup> Data represent activity for Farmers Home Administration and its predecessor agency.

<sup>2</sup> Includes tenant-purchase, farm-enlargement, farm-development (special real estate), and project-liquidation loans. Loans from Corporation trust funds and farm development loans from "Loans, grants and rural rehabilitation" funds are included.

<sup>3</sup> Amount advanced for project liquidation loans and obligated for all other types of loans. Includes supplemental loans to borrowers who received an initial loan in a prior year.

<sup>4</sup> Loan advances less principal repayments.

<sup>5</sup> Includes project liquidation loans advanced from inception of program through 1944.

<sup>6</sup> Amount obligated.

<sup>7</sup> Amount obligated less principal repayments.

Farmers Home Administration.

TABLE 731.—*Real estate loans by Farmers Home Administration: Amount of direct loans made in 1946 and 1947 and amount outstanding Jan. 1, 1947 and 1948; amount of loans insured during the period October 1947 through Mar. 31, 1948, and amount outstanding Mar. 31, 1948*<sup>1</sup>

State and division	Direct loans <sup>2</sup>				Insured loans	
	Amount of loans <sup>3</sup>		Amount outstanding, Jan. 1 <sup>4</sup>		Amount of loans, Oct. 1, 1947 to Mar. 31, 1948 <sup>5</sup>	Amount outstanding, Mar. 31, 1948 <sup>6</sup>
	1946	1947	1947	1948		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	326,209	193,472	461,176	656,901	0	0
New Hampshire.....	28,584	35,720	105,735	133,895	0	0
Vermont.....	327,521	137,062	439,181	582,154	0	0
Massachusetts.....	174,582	149,124	295,286	432,639	0	0
Rhode Island.....	0	10,900	3,787	14,286	0	0
Connecticut.....	79,237	94,915	141,833	241,143	0	0
New England.....	936,133	621,193	1,446,998	2,061,018	0	0
New York.....	1,404,320	403,675	2,409,805	2,972,196	0	0
New Jersey.....	649,316	321,514	899,441	1,316,492	41,188	41,187
Pennsylvania.....	1,369,757	370,746	3,129,167	3,613,030	12,076	12,076
Middle Atlantic.....	3,423,393	1,095,935	6,438,413	7,901,718	53,264	53,253
Ohio.....	409,485	706,930	3,869,538	3,970,032	11,070	11,070
Indiana.....	649,511	505,508	3,761,300	3,684,788	49,361	49,228
Illinois.....	205,027	325,155	4,441,710	3,794,280	41,310	41,308
Michigan.....	895,462	435,520	3,127,022	3,170,074	197,548	197,255
Wisconsin.....	1,257,808	347,710	4,003,611	4,106,251	118,479	118,309
East North Central.....	3,417,293	2,320,823	19,203,181	18,725,425	417,768	417,170
Minnesota.....	1,548,440	583,040	6,805,606	6,245,840	194,061	189,008
Iowa.....	117,415	263,970	4,724,069	3,579,472	55,906	55,906
Missouri.....	2,299,821	1,316,555	7,350,269	7,614,185	116,954	116,830
North Dakota.....	987,490	385,338	2,427,688	2,687,028	82,843	82,843
South Dakota.....	838,381	258,092	2,598,228	2,603,063	50,861	60,861
Nebraska.....	1,108,399	629,308	3,426,438	3,520,008	20,250	20,250
Kansas.....	1,433,049	658,295	4,193,277	4,591,162	132,451	132,451
West North Central.....	8,332,995	4,094,598	31,525,575	30,840,758	663,326	658,149
Delaware.....	132,966	26,700	279,861	322,170	7,200	7,200
Maryland.....	502,215	177,198	1,290,882	1,365,171	8,640	8,640
Virginia.....	447,571	320,537	2,852,139	2,729,629	28,635	28,605
West Virginia.....	250,633	150,400	1,609,753	1,578,350	7,020	6,983
North Carolina.....	947,887	929,554	7,244,812	7,006,317	29,195	29,081
South Carolina.....	607,279	390,483	7,047,601	6,715,066	0	0
Georgia.....	2,390,479	1,361,123	11,870,891	12,083,213	69,881	67,934
Florida.....	739,753	428,273	1,419,989	1,864,256	6,075	6,075
South Atlantic.....	6,018,783	3,784,268	33,615,928	33,664,172	156,646	154,518
Kentucky.....	522,769	331,701	4,068,008	3,601,266	65,485	65,046
Tennessee.....	871,487	702,280	5,720,877	5,500,052	0	0
Alabama.....	1,614,753	1,244,363	9,881,542	9,554,027	117,770	117,727
Mississippi.....	3,052,801	2,608,603	14,841,537	16,118,635	9,600	9,600
East South Central.....	6,061,810	4,836,947	34,511,964	34,773,980	192,855	192,373
Arkansas.....	3,004,483	1,804,290	10,294,192	11,147,164	26,210	26,173
Louisiana.....	446,583	787,618	7,142,642	7,208,236	0	0
Oklahoma.....	2,450,139	1,557,332	9,777,683	10,143,810	33,212	33,212
Texas.....	6,344,065	3,783,789	21,198,339	22,745,648	46,847	46,837
West South Central.....	12,245,270	7,933,029	48,412,856	51,244,858	106,269	106,222
Montana.....	1,313,113	220,780	2,923,538	2,930,350	0	0
Idaho.....	927,284	270,693	1,274,476	1,645,808	0	0
Wyoming.....	482,045	188,885	914,097	1,075,258	0	0
Colorado.....	559,255	298,516	2,067,395	2,133,218	37,070	37,070
New Mexico.....	646,868	290,143	1,111,979	1,300,388	0	0
Arizona.....	162,020	68,850	287,230	322,889	0	0
Utah.....	838,999	555,505	901,768	1,501,299	16,200	16,200
Nevada.....	94,480	96,400	101,620	173,345	0	0
Mountain.....	5,024,064	1,989,772	9,582,103	11,082,555	53,270	53,270

See footnotes at end of table.

TABLE 731.—*Real estate loans by Farmers Home Administration: Amount of direct loans made in 1946 and 1947 and amount outstanding Jan. 1, 1947 and 1948; amount of loans insured during the period October 1947 through Mar. 31, 1948, and amount outstanding Mar. 31, 1948*<sup>1</sup>—Continued

State and division	Direct loans <sup>2</sup>				Insured loans	
	Amount of loans <sup>3</sup>		Amount outstanding, Jan. 1 <sup>4</sup>		Amount of loans, Oct. 1, 1947 to Mar. 31, 1948 <sup>5</sup>	Amount outstanding, Mar. 31, 1948 <sup>6</sup>
	1946	1947	1947	1948		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Washington.....	253,233	217,735	1,266,959	1,315,760	0	0
Oregon.....	430,750	298,761	1,522,578	1,652,850	9,000	9,000
California.....	576,719	281,506	1,773,176	1,805,583	0	0
Pacific.....	1,260,702	798,002	4,562,713	4,774,193	9,000	9,000
United States.....	46,720,443	27,524,567	189,299,731	195,068,677	1,652,398	1,643,955
Hawaii.....	34,100	0	541,717	460,019	0	0
Alaska.....	17,010	6,750	17,010	16,971	0	0
Puerto Rico.....	377,079	228,652	2,761,305	2,732,881	0	0
Total.....	47,148,632	27,759,969	192,619,763	198,278,548	1,652,398	1,643,955

<sup>1</sup> Data represent activity for Farmers Home Administration and its predecessor agency.

<sup>2</sup> Includes tenant-purchase, farm-enlargement, farm-development, and project-liquidation loans.

<sup>3</sup> Amount advanced for project-liquidation loans and obligated for all other types of loans.

<sup>4</sup> Loan advances less principal repayments. Includes amounts outstanding on loans from corporation trust funds.

<sup>5</sup> Amount obligated.

<sup>6</sup> Amount obligated less principal repayments.

Farmers Home Administration.

TABLE 732.—*Farmers Home Administration: Status of the average active tenant purchase borrower, United States and Territories, 1946*<sup>1</sup>

Item	Unit	Quantity	Item	Unit	Quantity
Number of active borrowers.....	Number..	32,817	Gross family income.....	Dollars...	4,307
Size of farm.....	Acres....	148	Cash farm income.....	do.....	3,382
Land in crops.....	do.....	83	Nonfarm income.....	do.....	365
Net worth, end of year.....	Dollars..	6,010	Value of farm-produced food and fuel.....	do.....	560
Net worth, beginning of year.....	do.....	4,768	Cash family-living expenses.....	do.....	857
			Farm operating expenses.....	do.....	1,534

<sup>1</sup> Data are based on a sample of all tenant-purchase borrowers in 1946.

Farmers Home Administration.



TABLE 733.—Non-real-estate loans to individuals, loans to cooperative associations, and grants by Farmers Home Administration: Amount of advances during year and balance outstanding on Jan. 1, 1938-48 <sup>1</sup>

Year	Loans to individuals						Loans to cooperative associations and defense relocation corporations <sup>3</sup>		Amount of grants
	Production and subsistence		Rural rehabilitation <sup>2</sup>		Emergency crop and feed		Amount	Balance outstanding, Jan. 1	
	Amount	Balance outstanding, Jan. 1	Amount	Balance outstanding, Jan. 1	Amount	Balance outstanding, Jan. 1			
1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
1938			80, 292	118, 017	19, 648	172, 701	402	3, 668	25, 784
1939			109, 037	169, 150	15, 079	171, 489	2, 803	4, 023	20, 409
1940			93, 265	242, 547	19, 517	168, 329	3, 410	6, 721	22, 961
1941			103, 762	288, 081	18, 346	168, 438	10, 411	9, 978	14, 694
1942			164, 055	318, 549	19, 687	164, 974	9, 027	20, 114	10, 580
1943			124, 987	369, 717	18, 697	156, 676	2, 676	28, 490	1, 065
1944			65, 931	345, 467	18, 439	147, 650	246	28, 912	366
1945			73, 808	306, 839	16, 465	139, 541	202	25, 150	211
1946	5, 313		<sup>45</sup> 106, 412	282, 869	16, 972	130, 505	194	17, 233	146
1947	78, 571	5, 310	<sup>4 6</sup> 15, 498	<sup>4 5</sup> 282, 752		118, 120	101	12, 218	
1948		51, 037		<sup>4</sup> 218, 286		106, 189		10, 229	

<sup>1</sup> Data represent activity for Farmers Home Administration and its predecessor agencies in the United States and Territories.

<sup>2</sup> Includes loans to individuals from State Rural Rehabilitation Corporation trust funds, water-facilities loans, construction loans, wartime adjustment loans, and flood and windstorm restoration loans.

<sup>3</sup> Includes loans from State corporation trust funds and loans to water-facilities associations. Figures adjusted from FHA reports to exclude loan cancellations and cooperatives transferred to FPHA and Forest Service.

<sup>4</sup> Includes production and subsistence loans from State corporation trust funds.

<sup>5</sup> Adjusted from FHA records to exclude loans cancelled in 1947.

<sup>6</sup> Includes loans obligated prior to Nov. 1, 1946, under Farm Security Administration, which were not reported as advanced until 1947.

Farmers Home Administration.

TABLE 734.—Farmers Home Administration: Status of the average active standard rural rehabilitation borrower, United States, 1946 <sup>1</sup>

Item	Unit	Quantity
Number of active standard borrowers	Number	207, 237
Size of farm	Acres	160
Land in crops	do	72
Value of working capital, end of year	Dollars	2, 392
Total assets, end of year	do	4, 323
Total liabilities, end of year	do	1, 388
Net worth, end of year	do	2, 935
Gross family income	do	2, 625
Cash farm income	do	1, 782
Nonfarm income	do	387
Value of farm-produced food and fuel used by the family	do	456
Cash family living expenses	do	630
Farm operating expenses	do	904
Present tenure:		
Owner and part-owner	Percent	42
Tenant	do	58

<sup>1</sup> Data based on a sample of all active standard rural rehabilitation borrowers in 1946 in the United States, Puerto Rico, and the Virgin islands.

Farmers Home Administration.

TABLE 735.—Operating loans to individuals by Farmers Home Administration: Amount of loans made in 1947 and loans outstanding Jan. 1, 1948, by States

State and division	Production and subsistence		Rural rehabilitation		Emergency crop and feed loans
	Amount of loans in 1947	Outstanding Jan. 1, 1948	Amount of loans in 1947 <sup>1</sup>	Outstanding Jan. 1, 1948 <sup>2,3</sup>	Outstanding Jan. 1, 1948 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,187	713	99	2,740	531
New Hampshire.....	180	168	20	814	32
Vermont.....	255	251	43	751	54
Massachusetts.....	174	137	1	464	32
Rhode Island.....	27	24	1	88	0
Connecticut.....	54	46	0	180	17
New England.....	1,877	1,339	164	5,037	666
New York.....	1,310	1,196	16	5,030	160
New Jersey.....	499	424	82	1,539	61
Pennsylvania.....	1,186	1,072	116	3,699	407
Middle Atlantic.....	2,995	2,692	214	10,268	628
Ohio.....	1,021	970	363	3,486	216
Indiana.....	1,043	939	112	2,583	225
Illinois.....	1,441	1,408	244	4,276	194
Michigan.....	2,083	2,009	214	5,001	419
Wisconsin.....	1,971	1,828	430	4,432	830
East North Central.....	7,559	7,154	1,363	19,778	1,884
Minnesota.....	2,058	1,749	1,002	7,315	4,189
Iowa.....	1,488	1,373	546	4,756	246
Missouri.....	2,556	2,151	739	6,331	1,488
North Dakota.....	1,444	748	504	3,960	30,564
South Dakota.....	1,625	1,298	831	7,863	15,884
Nebraska.....	1,255	1,267	543	5,557	3,547
Kansas.....	1,734	1,529	302	5,712	4,844
West North Central.....	12,160	10,115	4,467	41,494	60,762
Delaware.....	50	40	0	305	43
Maryland.....	475	427	0	1,435	287
Virginia.....	822	398	567	2,254	1,481
West Virginia.....	295	264	183	1,263	224
North Carolina.....	6,033	1,840	456	3,750	1,204
South Carolina.....	4,416	895	226	6,237	1,944
Georgia.....	3,570	1,068	865	11,328	2,220
Florida.....	910	605	198	4,512	1,263
South Atlantic.....	16,571	5,537	2,525	31,084	8,666
Kentucky.....	1,630	1,498	205	2,281	573
Tennessee.....	1,449	932	420	1,606	713
Alabama.....	2,634	867	339	12,028	1,631
Mississippi.....	3,339	1,349	288	11,121	1,732
East South Central.....	9,052	4,646	1,252	27,036	4,649
Arkansas.....	3,162	1,631	810	9,056	3,074
Louisiana.....	2,651	808	49	6,948	1,771
Oklahoma.....	3,790	3,091	497	11,795	1,661
Texas.....	5,835	3,754	1,201	20,589	7,582
West South Central.....	15,438	9,284	2,557	48,388	14,088
Montana.....	1,829	1,232	110	4,066	7,453
Idaho.....	1,543	1,209	159	2,718	393
Wyoming.....	1,245	961	192	3,307	813
Colorado.....	1,943	1,274	528	5,827	2,223
New Mexico.....	836	691	357	3,130	1,785
Arizona.....	202	175	122	776	147
Utah.....	667	560	299	2,337	625
Nevada.....	175	177	43	320	19
Mountain.....	8,440	6,279	1,840	22,481	13,558

See footnotes at end of table.

TABLE 735.—Operating loans to individuals by Farmers Home Administration: Amount of loans made in 1947 and loans outstanding Jan. 1, 1948, by States—Continued.

State and division	Production and subsistence		Rural rehabilitation		Emergency crop and feed loans
	Amount of loans in 1947	Outstanding Jan. 1, 1948	Amount of loans in 1947 <sup>1</sup>	Outstanding Jan. 1, 1948 <sup>2,3</sup>	Outstanding Jan. 1, 1948 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Washington.....	622	527	450	3,899	639
Oregon.....	683	577	160	2,128	244
California.....	1,305	1,160	505	5,014	329
Pacific.....	2,610	2,264	1,115	11,041	1,212
United States.....	76,702	49,310	15,497	216,607	105,913
Hawaii.....	96	102	0	112	1
Alaska.....	28	27	1	60	0
Puerto Rico.....	1,742	1,596	0	1,461	275
Virgin Islands.....	3	2	0	46	0
Total of Territories.....	1,869	1,727	1	1,679	276

<sup>1</sup> Includes production and subsistence loans made from State corporation trust funds, water-facilities loans, and rural-rehabilitation loans made under Farm Security Administration, which were not reported as advanced until 1947.

<sup>2</sup> Includes amounts outstanding on loans made by Farmers Home Administration and for its predecessor agencies.

<sup>3</sup> Includes amounts outstanding on rural rehabilitation and production and subsistence loans made from State corporation trust funds, water-facilities loans, construction loans, wartime adjustment loans and flood and windstorm loans.

Farmers Home Administration.

TABLE 736.—Farmers Home Administration: Status of the average active water facilities borrower, United States, 1946<sup>1,2</sup>

Item	Unit	Quantity	Item	Unit	Quantity
Number of active borrowers.....	Number	1,369	Small grain, production per acre <sup>5</sup> .....	Bushels	30.5
Percent with irrigation facilities <sup>3</sup> .....	Percent	22	Corn, production per acre <sup>5</sup> .....	do	41
Percent with farmstead facilities only.....	do	78	Crop sales.....	Dollars	1,474
Size of farm, all water-facilities borrowers.....	Acres	247	Livestock sales.....	do	934
Land in crops, all water-facilities borrowers.....	do	95	Livestock product sales.....	do	1,179
Irrigation borrowers <sup>3</sup> .....	do	103	Production for home-use:		
Farmstead-only borrowers.....	do	93	Dairy products.....	Gallons (equivalent)	528
Acres irrigated, irrigation borrowers <sup>3</sup> .....	do	82	Eggs.....	Dozens	156
Cattle and calves sold <sup>4</sup> .....	Number	8	Meat.....	Pounds (dressed)	528
Hogs sold <sup>4</sup> .....	do	10	Total farm income.....	Dollars	4,185
Poultry sold <sup>4</sup> .....	do	80	Farm operating expenses.....	do	1,762
Eggs sold <sup>4</sup> .....	Dozens	952	Net farm income.....	do	2,423
Dairy products sold <sup>4</sup> .....	Gallons (equivalent)	4,725			

<sup>1</sup> Data based on total active water facilities borrowers who met the following conditions: (a) On same farm with same acreage in 1946 as during crop year before water facilities installation; (b) installation of facilities completed in time to provide full benefits during the 1946 crop year.

<sup>2</sup> Water facilities loans have been made in the following 17 Western states: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.

<sup>3</sup> Includes those borrowers with loans for both irrigation and farmstead facilities.

<sup>4</sup> Average based on reports of farmers raising specified kind of livestock.

<sup>5</sup> Crop production is reported by irrigation borrowers and is limited to production on land irrigated in 1946. Crop production information was not obtained for borrowers with loans for farmstead facilities only.

Farmers Home Administration.

TABLE 737.—*Farm real estate held by selected lending agencies, United States, Jan. 1, 1929-48*<sup>1</sup>

Year	Federal land banks and Federal Farm Mortgage Corporation <sup>2</sup>	Life insurance companies <sup>3</sup>	Joint-stock land banks <sup>4</sup>	Commercial banks <sup>5</sup>	3 State credit agencies <sup>6</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	26,478	(7)	15,236	(7)	19,540
1930.....	29,517	107,058	19,685	(7)	26,860
1931.....	36,865	123,403	22,202	(7)	33,511
1932.....	53,588	190,694	37,957	(7)	39,008
1933.....	83,158	287,773	71,741	(7)	47,454
1934.....	96,632	428,331	85,740	(7)	56,094
1935.....	96,666	558,211	81,700	(7)	60,270
1936.....	119,864	588,761	78,204	<sup>8</sup> 74,166	61,531
1937.....	134,754	634,005	72,781	69,525	68,444
1938.....	132,038	612,120	62,030	56,311	72,040
1939.....	139,229	607,358	53,885	49,143	71,846
1940.....	155,237	599,653	46,827	42,045	68,324
1941.....	134,180	547,637	36,172	33,373	60,900
1942.....	91,816	441,772	25,130	22,841	53,498
1943.....	54,757	336,233	18,306	(7)	44,145
1944.....	25,846	205,410	6,605	(7)	36,159
1945.....	10,994	119,169	4,201	(7)	32,691
1946.....	3,367	81,616	1,601	(7)	3,619
1947.....	1,029	33,552	463	(7)	(7)
1948.....	330	13,656	154	(7)	(7)

<sup>1</sup> Acquired by foreclosure or other "distress" transfers from borrowers. Continental United States only.

<sup>2</sup> Investment. Includes sheriffs' certificates and judgments, but excludes prior liens.

<sup>3</sup> Book value, partially estimated.

<sup>4</sup> Carrying value of real estate, including sheriffs' certificates and judgments. Real estate held by banks in receivership is included at book value.

<sup>5</sup> Book value. Data represent holdings of insured commercial banks.

<sup>6</sup> Investment. Rural Credit Board of South Dakota, Bank of North Dakota, and Department of Rural Credit of Minnesota. The large reduction during 1945 is mostly due to a charge-off of approximately \$27,000,000 of cumulated losses by the Rural Credit Board of South Dakota upon completion of liquidation.

<sup>7</sup> Data unavailable.

<sup>8</sup> Amount held on July 1.

Bureau of Agricultural Economics.

TABLE 738.—*Farm loans guaranteed or insured by the Veterans Administration, United States, 1945-47*

Item	1945	1946	1947
Number of loans.....	Number	Number	Number
Real estate.....	1,064	17,138	19,793
Non-real-estate.....	(1)	9,771	10,707
	(1)	8,431	9,086
Amount of loans <sup>2</sup> .....	1,000 dollars	1,000 dollars	1,000 dollars
	(1)	66,844	77,765
Amount of guaranty or insurance.....	1,265	29,826	36,634
Real estate.....	390	22,141	27,697
Non-real-estate.....	875	7,685	8,937

<sup>1</sup> Not available separately, but included with 1946 total. Thus, on the first three lines of this table, the 1,064 in the 1945 column, plus the 17,138 in the 1946 column, are equal to the 9,771 and 8,431 in the 1946 column.

<sup>2</sup> Breakdown between real estate and non-real estate loans not available.

Bureau of Agricultural Economics. Compiled from reports of the Veterans Administration.

## FOOTNOTES FOR TABLE 739:

<sup>1</sup> Edison Electric Institute report.

<sup>2</sup> Percentage of all farms in State as shown by 1935 Census of Agriculture.

<sup>3</sup> 1940 Census of Agriculture.

<sup>4</sup> Percentage of all farms in State as shown by 1940 Census of Agriculture.

<sup>5</sup> REA estimate.

<sup>6</sup> Percentage of all farms in State, as shown by 1945 Census of Agriculture. This census reported a total of 5,859,169 farms in the United States.

Rural Electrification Administration.

TABLE 739.—*Rural Electrification Administration: Number and percentage of farms receiving central-station electric service, by States, 1934, 1940, 1945, and 1947*

State and division	Farms receiving central station electric service								Increase in electrified farms from Dec. 31, 1934, to June 30, 1947
	Dec. 31, 1934 <sup>1</sup>		April 1, 1940 <sup>2</sup>		June 30, 1945 <sup>3</sup>		June 30, 1947 <sup>5</sup>		
	Number	Percent <sup>3</sup>	Number	Percent <sup>4</sup>	Number	Percent <sup>6</sup>	Number	Percent <sup>6</sup>	Number
Maine	13,959	33.3	20,221	51.9	27,087	64.2	31,493	74.7	17,534
New Hampshire	9,495	53.7	10,845	65.5	15,298	81.4	16,978	90.4	7,483
Vermont	7,945	29.4	12,213	51.8	18,916	71.4	21,060	79.5	13,115
Massachusetts	14,494	41.3	26,220	82.2	33,287	89.9	35,223	95.2	20,729
Rhode Island	1,975	45.6	2,457	81.5	3,148	87.4	3,504	97.3	1,529
Connecticut	10,138	31.5	16,995	80.3	20,155	90.6	21,914	98.5	11,776
New England	58,006	36.7	88,951	65.8	117,891	78.4	130,172	86.6	72,166
New York	57,825	32.7	102,283	66.7	125,433	83.9	140,712	94.1	82,887
New Jersey	15,162	51.6	21,298	82.4	23,697	90.4	24,952	95.1	9,790
Pennsylvania	45,182	23.6	94,081	55.7	125,612	73.1	143,593	83.6	98,411
Middle Atlantic	118,169	29.7	217,662	62.5	274,742	79.1	309,257	89.0	191,088
Ohio	48,048	18.8	137,680	58.9	165,387	75.0	198,512	90.0	150,464
Indiana	23,476	11.7	91,127	49.4	125,931	71.6	150,308	85.4	126,832
Illinois	28,379	12.3	80,027	37.5	121,771	59.6	153,015	74.9	124,636
Michigan	42,152	21.4	131,126	69.9	146,325	83.5	161,239	92.0	119,087
Wisconsin	39,206	19.6	87,556	46.9	123,006	69.2	140,662	79.1	101,456
East North Central	181,261	16.7	527,516	52.4	682,420	71.5	803,736	84.3	622,475
Minnesota	13,783	6.8	50,075	25.4	93,208	49.3	117,931	62.4	104,148
Iowa	32,047	14.4	73,308	34.4	133,113	63.7	165,103	79.0	133,056
Missouri	17,893	6.4	39,204	15.3	77,852	32.0	119,491	49.2	101,598
North Dakota	1,968	2.3	3,218	4.4	7,498	10.8	10,831	15.6	8,863
South Dakota	2,939	3.5	3,981	5.5	8,964	13.0	12,484	18.2	9,545
Nebraska	9,544	7.1	22,832	18.9	39,120	35.0	42,503	38.0	32,959
Kansas	13,224	7.6	27,960	17.9	46,056	32.6	58,903	41.7	45,679
West North Central	91,398	7.7	220,578	20.2	405,811	39.3	527,246	51.1	435,848
Delaware	1,791	17.3	3,545	39.4	5,650	60.8	7,614	81.9	5,823
Maryland	6,791	15.3	17,170	40.7	24,124	58.4	32,433	78.5	25,642
Virginia	14,954	7.6	42,144	24.1	65,035	37.6	93,221	53.9	78,267
West Virginia	3,647	3.5	25,199	25.4	39,148	40.1	49,500	50.7	45,853
North Carolina	9,672	3.2	67,627	24.3	113,574	39.5	157,581	54.8	147,909
South Carolina	3,796	2.3	27,568	20.0	55,114	37.3	77,048	52.2	73,252
Georgia	6,956	2.8	42,409	19.6	82,248	36.4	121,613	53.8	114,657
Florida	5,700	7.8	15,476	24.9	24,750	40.5	35,985	58.8	30,285
South Atlantic	53,307	4.6	241,138	23.7	409,643	39.3	574,995	55.1	521,688
Kentucky	8,480	3.0	38,607	15.3	72,602	30.4	104,434	43.8	95,954
Tennessee	9,727	3.6	38,884	15.7	71,458	30.5	94,703	40.4	84,976
Alabama	11,053	4.0	33,907	14.6	73,129	32.7	107,281	48.0	96,228
Mississippi	2,802	0.9	26,078	9.0	52,816	20.0	86,740	32.9	83,938
East South Central	32,062	2.8	137,476	13.4	270,005	28.1	393,158	41.0	361,096
Arkansas	2,943	1.2	21,303	9.8	46,149	23.2	83,957	42.2	81,014
Louisiana	2,826	1.7	16,058	10.7	36,778	28.4	59,213	45.8	56,387
Oklahoma	5,648	2.6	20,149	11.2	49,473	30.0	78,651	47.7	73,003
Texas	11,466	2.3	79,127	18.9	162,290	42.2	214,648	55.8	203,182
West South Central	22,883	2.0	136,637	14.2	294,690	33.6	436,469	49.7	413,586
Montana	2,768	5.5	7,947	19.0	11,401	30.2	15,644	41.4	12,876
Idaho	13,433	29.8	25,439	58.3	32,139	77.4	38,719	93.3	25,286
Wyoming	527	3.0	3,474	23.1	5,632	43.1	7,190	55.0	6,663
Colorado	7,145	11.2	14,823	28.8	24,637	51.7	32,794	68.8	25,649
New Mexico	1,350	3.3	4,479	13.1	7,645	25.7	12,063	40.6	10,713
Arizona	5,577	29.6	5,607	30.4	9,280	70.6	11,129	84.7	5,552
Utah	16,130	52.5	17,411	68.5	20,019	76.1	20,965	79.6	4,835
Nevada	946	25.6	1,555	43.5	1,639	47.8	1,882	54.9	936
Mountain	47,876	17.6	89,735	34.6	112,392	52.9	140,386	66.1	92,510
Washington	40,060	47.5	58,283	71.4	68,194	85.4	75,582	94.6	35,522
Oregon	17,839	27.5	36,369	58.8	48,635	77.0	58,225	92.2	40,387
California	81,093	53.9	107,904	81.3	121,873	87.7	125,414	90.3	44,321
Pacific	138,992	46.4	202,556	73.3	238,702	84.7	250,222	91.9	120,230
United States	743,954	10.9	1,853,249	30.4	2,806,296	47.9	3,574,641	61.0	2,830,687

For footnotes see bottom of page 660.

TABLE 740.—Rural Electrification Administration: Number and amount of loans by type of borrower and by purpose of loan, by State, from organization (May 11, 1935) to Jan. 1, 1948 1

State, division, and Territory	Total loans		Loans by type of borrower						Loans by purpose				Other loan estimates 4		
	Borrowers		Cooperative associations		Public power districts		Other public bodies 2		Power companies		Line construction and working capital	Generation and transmission	Consumer facilities 3	Miles of line	Consumers
	Number	Amount	Borrowers	Amount	Borrowers	Amount	Borrowers	Amount	Borrowers	Amount					
Maine.....	4	1,198	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	2,900	
New Hampshire.....	1	2,189	4	1,198	0	0	0	0	0	1,173	0	25	746	5,006	
Vermont.....	3	2,784	1	2,189	0	0	0	0	0	2,141	8	40	1,659	4,919	
Massachusetts.....	0	0	3	2,784	0	0	0	0	0	2,667	80	37	1,790	0	
Rhode Island.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Connecticut.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
New England.....	8	6,171	8	6,171	0	0	0	0	0	5,981	88	102	4,195	12,915	
New York.....	7	4,788	6	2,924	0	0	0	0	0	4,693	0	95	3,990	13,526	
New Jersey.....	2	688	2	688	0	0	0	0	0	676	0	12	2,040	5,006	
Pennsylvania.....	13	17,104	13	17,104	0	0	0	0	0	16,869	0	235	13,475	46,539	
Middle Atlantic.....	22	22,580	21	20,716	0	0	0	0	0	22,238	0	342	17,967	62,105	
Ohio.....	28	33,468	28	33,468	0	0	0	0	0	33,135	35	298	24,997	95,727	
Indiana.....	47	37,923	46	37,493	0	0	0	0	0	37,519	56	348	31,431	112,972	
Illinois.....	28	42,614	27	42,533	0	0	0	0	0	40,603	1,511	380	33,551	98,401	
Michigan.....	13	23,289	13	23,289	0	0	0	0	0	17,154	5,747	388	13,107	48,801	
Wisconsin.....	33	58,713	32	58,621	0	0	1	92	0	31,971	26,181	561	26,898	80,631	
East North Central.....	149	196,007	146	195,404	0	0	1	92	0	190,472	33,560	1,975	129,984	436,532	
Minnesota.....	52	72,001	52	72,001	0	0	0	0	0	62,195	8,652	1,154	55,418	131,342	
Iowa.....	57	68,903	55	68,502	0	0	1	95	0	60,673	17,632	298	46,005	112,413	
Missouri.....	45	66,536	44	66,424	0	0	1	112	0	59,795	6,192	218	47,095	151,479	
North Dakota.....	23	30,156	22	29,544	0	0	0	612	0	22,675	7,263	218	18,274	58,558	
South Dakota.....	27	22,044	27	22,044	0	0	0	0	0	21,404	0	98	16,690	33,606	
Nebraska.....	34	40,439	34	40,439	24	31,866	0	0	0	38,694	1,167	578	30,982	64,789	
Kansas.....	36	38,613	35	38,607	0	0	0	0	0	36,790	1,681	172	29,724	57,653	
West North Central.....	274	338,392	245	305,695	24	31,866	1	95	0	292,196	43,129	3,067	244,278	580,010	
Delaware.....	1	2,127	1	2,127	0	0	0	0	0	2,122	0	5	1,486	6,426	
Maryland.....	2	6,043	2	6,043	0	0	0	0	0	5,416	627	0	3,094	13,960	
Virginia.....	22	27,508	21	27,315	0	0	0	0	0	24,360	2,774	374	17,832	58,930	
West Virginia.....	2	952	2	952	0	0	0	0	0	21,937	0	15	618	2,549	

North Carolina.....	39	41,886	34	41,419	0	0	2	248	3	219	36,628	4,431	527	27,275	106,380
South Carolina.....	28	24,962	26	24,046	0	0	2	516	0	0	23,707	92	763	20,625	70,920
Georgia.....	40	52,361	45	52,454	0	0	0	2,742	0	107	47,346	3,750	1,465	41,673	152,936
Florida.....	17	17,116	15	16,903	0	0	0	71	0	213	15,175	1,784	157	11,733	35,747
South Atlantic.....	157	172,755	146	171,259	0	0	4	764	7	732	155,691	13,458	3,606	124,986	447,848
Kentucky.....	26	41,417	26	41,417	0	0	0	0	0	0	39,165	2,000	252	29,498	115,323
Tennessee.....	30	37,719	20	34,977	0	0	10	2,742	0	0	37,339	225	155	27,544	156,331
Alabama.....	27	36,538	25	35,781	0	0	0	757	0	0	28,643	7,641	254	23,939	93,255
Mississippi.....	24	40,385	23	40,314	0	0	1	71	0	0	37,716	2,386	283	31,436	126,717
East South Central.....	107	156,059	94	152,489	0	0	13	3570	0	0	142,863	12,252	944	112,437	491,626
Arkansas.....	20	32,223	19	31,700	0	0	0	0	1	523	29,780	2,081	382	24,690	83,127
Louisiana.....	17	21,256	16	21,206	0	0	0	0	0	50	18,554	4,390	182	14,022	52,843
Oklahoma.....	27	37,788	26	37,592	0	0	0	0	1	196	36,145	1,445	138	30,913	77,761
Texas.....	97	101,925	96	101,069	0	0	1	256	0	0	89,250	10,376	1,699	89,088	218,737
West South Central.....	161	192,892	157	191,867	0	0	1	256	3	769	171,729	18,402	2,461	158,652	432,468
Montana.....	21	17,719	21	17,719	0	0	0	0	0	0	16,258	1,367	94	11,978	23,572
Idaho.....	9	7,082	9	7,082	0	0	0	0	0	0	7,161	424	97	5,207	13,326
Wyoming.....	16	8,591	15	8,512	0	0	0	0	0	79	8,050	416	125	6,163	11,936
Colorado.....	21	21,999	20	21,895	0	0	0	0	1	104	21,047	792	160	15,210	39,891
New Mexico.....	14	9,419	13	9,195	0	0	0	0	0	224	8,299	990	130	6,110	15,678
Arizona.....	11	5,086	9	4,844	1	142	0	0	1	100	4,165	896	25	2,203	7,091
Utah.....	6	2,202	6	2,202	0	0	0	0	0	0	1,537	610	55	1,164	3,508
Nevada.....	2	296	0	296	2	296	0	0	0	0	285	0	10	130	536
Mountain.....	100	72,994	93	72,049	3	438	0	0	4	507	66,803	5,495	696	48,165	115,538
Washington.....	24	16,237	13	10,467	11	5,770	0	0	0	0	15,024	1,296	87	11,635	24,891
Oregon.....	15	11,611	14	11,416	1	700	0	0	0	0	10,752	744	115	6,456	19,118
California.....	6	3,142	5	2,442	1	700	0	0	0	0	2,960	170	12	2,020	5,569
Pacific.....	45	30,990	32	24,325	13	6,665	0	0	0	0	28,736	2,040	214	20,111	49,608
Alaska.....	5	1,555	5	1,555	0	0	0	0	0	0	810	715	30	279	1,665
Virgin Islands.....	1	432	0	432	1	432	0	0	0	0	235	197	0	85	912
Territories.....	6	1,987	5	1,555	1	432	0	0	0	0	1,045	912	30	364	2,577
United States and Ter- ritories.....	1,029	1,190,527	947	1,141,230	41	39,401	20	4,777	21	5,119	1,047,754	129,336	13,437	861,139	2,631,227

<sup>1</sup> State totals represent data for borrowers incorporated within the State.  
<sup>2</sup> Municipalities and government authorities (excluding public power districts).  
<sup>3</sup> Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations.

<sup>4</sup> Total miles of line and number of consumers provided for by loans. Includes miles energized and consumers connected, shown in table 742.

Rural Electrification Administration.

TABLE 741.—*Rural Electrification Administration: Number and amount of advances from organization (May 11, 1935) to Jan. 1, 1948; number of systems in operation, miles energized, and consumers connected, as of Jan. 1, 1948; kilowatt-hours generated, purchased, and billed, and total revenue during 1947, by States*<sup>1</sup> (preliminary)

State, division, and Territory	Total advances to Jan. 1, 1948 <sup>2</sup>		Data for systems in operation, Jan. 1, 1948						
	Bor- rowers	Amount	As of Jan. 1, 1948			Calendar year 1947			
			Systems	Miles ener- gized	Con- sumers connected	KWH gen- erated	KWH pur- chased	KWH billed	Total revenue
	Num- ber	1,000 dollars	Num- ber	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars
Maine.....	4	1,011	4	490	2,469	17	2,233	1,600	96
New Hampshire.....	1	2,037	1	1,585	4,253	0	5,050	3,103	185
Vermont.....	3	2,143	3	1,468	4,161	0	7,485	5,725	256
Massachusetts.....	0	0	0	0	0	0	0	0	0
Rhode Island.....	0	0	0	0	0	0	0	0	0
Connecticut.....	0	0	0	0	0	0	0	0	0
New England.....	8	5,191	8	3,543	10,883	17	14,768	10,428	537
New York.....	7	4,071	6	2,901	10,229	0	8,041	6,227	263
New Jersey.....	2	643	2	451	2,011	0	4,076	3,415	130
Pennsylvania.....	13	14,582	13	12,579	45,541	0	75,576	58,896	2,504
Middle Atlantic.....	22	19,296	21	15,931	57,781	0	87,693	68,538	2,897
Ohio.....	28	28,411	28	23,063	86,524	0	178,319	146,256	5,346
Indiana.....	46	29,995	44	27,189	102,580	0	183,467	149,518	5,220
Illinois.....	28	34,109	28	26,922	81,162	6,557	144,780	119,642	5,926
Michigan.....	13	17,705	13	11,061	44,016	49,582	30,736	64,450	2,439
Wisconsin.....	32	35,785	32	20,038	57,834	103,604	147,132	216,356	5,818
East North Central.....	147	146,005	145	108,273	372,116	159,743	684,434	696,222	24,785
Minnesota.....	52	49,634	50	42,353	104,826	28,794	218,539	208,013	8,029
Iowa.....	56	47,550	54	38,546	95,630	49,260	226,550	230,707	7,740
Missouri.....	44	47,011	41	30,966	111,629	14,038	229,460	198,919	6,363
North Dakota.....	23	17,164	14	6,863	12,030	15,863	25,503	35,187	1,081
South Dakota.....	26	11,446	16	4,755	13,070	2,061	22,839	20,962	881
Nebraska.....	33	23,401	25	16,688	36,680	2,143	94,492	79,248	2,630
Kansas.....	36	23,195	29	14,616	30,619	3,009	44,725	37,292	1,828
West North Central.....	270	219,401	229	154,787	404,484	115,168	862,108	810,328	28,552
Delaware.....	1	1,743	1	1,085	3,967	0	8,073	6,402	273
Maryland.....	2	4,539	2	2,583	12,646	5,825	24,084	23,168	897
Virginia.....	21	22,096	16	13,705	48,676	20,145	50,719	54,608	2,280
West Virginia.....	2	857	2	629	2,358	0	2,597	1,997	94
North Carolina.....	38	29,816	35	18,782	77,651	6,651	73,765	61,967	2,823
South Carolina.....	27	16,173	23	14,835	56,553	0	62,662	48,611	2,096
Georgia.....	45	31,088	43	29,173	122,098	0	156,018	126,484	4,619
Florida.....	17	12,045	17	7,552	26,045	12,021	25,461	30,040	1,255
South Atlantic.....	153	118,357	139	88,344	349,994	44,642	403,379	353,277	14,337
Kentucky.....	25	26,526	25	18,141	79,892	0	115,450	91,063	3,704
Tennessee.....	30	25,156	30	17,611	133,491	0	452,123	387,647	6,982
Alabama.....	26	19,956	25	14,940	67,486	31,787	140,691	148,416	3,881
Mississippi.....	23	25,174	23	21,599	98,276	0	153,776	122,971	4,032
East South Central.....	104	96,812	103	72,291	379,145	31,787	862,040	750,097	18,099
Arkansas.....	20	22,419	19	16,079	61,009	0	54,461	41,833	2,154
Louisiana.....	17	18,176	15	11,795	45,868	0	43,087	32,517	1,677
Oklahoma.....	27	27,420	24	22,060	55,554	1,293	74,128	57,432	2,976
Texas.....	96	76,821	75	63,781	171,635	0	266,906	212,702	8,155
West South Central.....	160	144,836	133	113,715	334,066	1,293	438,582	344,484	14,962
Montana.....	21	11,327	20	5,973	16,144	13,023	31,944	37,769	1,273
Idaho.....	9	5,459	9	3,628	9,446	424	21,545	16,969	582
Wyoming.....	15	5,403	14	3,421	8,237	3,488	20,174	18,915	720
Colorado.....	21	15,216	20	9,790	29,095	1,913	67,634	54,721	2,275
New Mexico.....	11	5,907	10	2,737	8,632	3,947	31,220	29,249	769
Arizona.....	10	3,140	7	771	4,123	13,635	4,070	13,755	371
Utah.....	6	1,822	5	969	2,965	4,168	2,521	4,946	183
Nevada.....	2	253	2	147	675	0	5,528	4,771	78
Mountain.....	95	48,627	87	27,436	79,317	40,598	184,636	181,095	6,251

See footnotes at end of table.



TABLE 741.—*Rural Electrification Administration: Number and amount of advances from organization (May 11, 1935) to Jan. 1, 1948; number of systems in operation, miles energized, and consumers connected, as of Jan. 1, 1948; kilowatt-hours generated, purchased, and billed, and total revenue during 1947, by States*<sup>1</sup>—Continued

State, division, and Territory	Total advances to Jan. 1, 1948 <sup>2</sup>		Data for systems in operation, Jan. 1, 1948						
	Bor- rowers	Amount	As of Jan. 1, 1948			Calendar year 1947			
			Sys- tems	Miles ener- gized	Con- sumers connected	KWH gen- erated	KWH pur- chased	KWH billed	Total revenue
	<i>Num- ber</i>	<i>1,000 dollars</i>	<i>Num- ber</i>	<i>Miles</i>	<i>Number</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 dollars</i>
Washington.....	23	10,752	21	7,942	18,396	3,983	73,009	62,599	1,441
Oregon.....	15	8,586	13	4,344	15,673	1,826	47,424	40,308	1,026
California.....	6	2,409	5	1,718	7,269	0	34,708	28,339	651
Pacific.....	44	21,747	39	14,004	41,338	5,809	155,141	131,246	3,118
Alaska.....	2	451	2	119	1,015	1,557	1,118	2,252	141
Virgin Islands.....	1	320	1	55	516	777	0	526	25
Territories.....	3	771	3	174	1,531	2,334	1,118	2,778	166
United States and Territories.....	1,006	821,143	907	598,498	2,030,655	401,391	3,693,899	3,348,493	113,704

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

<sup>2</sup> Actual funds advanced out of loans, as shown in table 740. United States total includes \$200,000 adjustment of 1942 note.

Rural Electrification Administration.

TABLE 742.—*Rural Electrification Administration: Number and amount of advances from date of organization (May 11, 1935); number of systems in operation, miles energized, and consumers connected as of Jan. 1; kilowatt-hours generated, purchased, and billed, and total revenue for year ended Dec. 31, United States, 1936-48*

Year	Total advances as of Jan. 1		Data for systems in operation						
	Bor- rowers	Amount <sup>1</sup>	As of Jan. 1			During year			
			Systems	Miles energized	Consumers connected	KWH generated	KWH purchased	KWH billed	Total revenue
	<i>Number</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>Miles</i>	<i>Number</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 dollars</i>
1936.....		10	2	0	0				
1937.....		3,339	29	3,000	7,508				
1938.....		34,338	126	16,500	43,878				
1939.....		88,345	350	67,409	176,382				
1940.....	654	184,099	548	181,359	435,566				
1941.....	755	253,336	685	267,846	674,495	83,123	854,370	724,385	35,022
1942.....	835	332,033	773	348,062	902,266	131,189	1,304,623	1,150,536	46,927
1943.....	849	364,324	803	378,015	1,012,284	199,228	1,828,132	1,679,381	55,588
1944.....	853	378,496	811	390,058	1,087,801	213,462	2,105,332	1,925,734	64,043
1945.....	870	406,371	826	410,471 <sup>2</sup>	1,216,798	258,397	2,344,550	2,136,384	73,607
1946.....	914	<sup>2</sup> 463,542	848	449,579	1,408,918	319,913	2,730,265	2,477,509	89,948
1947 <sup>3</sup> .....	978	<sup>2</sup> 595,730	869	506,838 <sup>3</sup>	1,683,901	401,391	3,693,900	3,348,493	113,704
1948 <sup>3</sup> .....	1,006	<sup>2</sup> 821,143	907	598,498	2,030,655				

<sup>1</sup> Actual funds advanced out of loans, as shown in table 740.

<sup>2</sup> Totals for 1946, 1947, and 1948 include \$200,000 adjustment of 1942 note.

<sup>3</sup> Preliminary.

Rural Electrification Administration.

TABLE 743.—Commodity Credit Corporation: Total loans made, by crop years, from date of organization (1933) through Dec. 31, 1947<sup>1</sup>

Program	Quantities pledged	Face amount	Program	Quantities pledged	Face amount
Barley:	1,000 bushels	1,000 dollars	Fiber flax:	1,000 pounds	1,000 dollars
1940.....	7,499	2,391	1946.....	1,504	735
1941.....	16,297	6,858	Flaxseed:	1,000 bushels	
1942.....	15,199	8,152	1941.....	749	1,245
1943.....	762	558	1942.....	1,576	3,488
1944.....	3,303	2,800	1943.....	595	1,581
1945.....	1,027	758	1944.....	60	168
1946.....	491	374	1945.....	129	368
1947.....	315	301	1946.....	24	67
Total.....	44,893	22,192	1947.....	462	2,212
	1,000 pounds		Total.....	3,595	9,129
Butter:	114,264	29,095	Grain sorghums:	1,000 bushels	
1938.....	12,836	3,042	1940.....	78	23
1939.....	66	19	1941.....	341	117
1940.....			1942.....	121	66
Total.....	127,166	32,156	1943.....	46	39
	1,000 bushels		1944.....	8,217	7,741
Corn:	267,762	121,276	1945.....	10	9
1933.....	20,075	11,042	1946.....	551	496
1934.....	30,966	13,934	1947.....	28	32
1935.....	158	87	Total.....	9,392	8,523
1936.....	47,117	22,871		1,000 pounds	
1937 (fall of 1937).....	<sup>2</sup> 14,000	<sup>2</sup> 7,980	Hops: 1938.....	7,077	1,388
1937 (fall of 1938).....	229,839	130,882	Miscellaneous seeds:	1,000 pounds	
1938.....	301,729	171,756	1943.....	174	20
1939.....	103,125	62,835	1944.....	37,777	2,270
1940.....	110,871	80,914	1945.....	3,689	522
1941.....	56,401	43,605	1946.....	7,035	564
1942.....	7,895	6,648	1947.....	19,396	746
1943.....	20,647	18,439	Total.....	68,071	4,122
1944.....	2,996	2,768		1,000 bushels	
1945.....	25,982	28,140	Naval stores:	161	3,821
1946.....	11	15	1934-35 turpentine.....	370	2,955
1947.....			1934-35 rosin.....	187	1,908
Total.....	1,239,574	723,192	1938 turpentine.....	937	9,861
	1,000 bales		1939 turpentine.....	122	1,213
Cotton:	1,926	99,498	1939 rosin.....	668	7,603
1933.....	4,632	282,644	1940 turpentine.....	59	627
1934.....		51,416	1940 rosin.....	525	6,001
1933-34 pool <sup>3</sup> .....	115	5,777	1941 rosin.....	133	1,576
1935.....	5,581	243,275	1942 turpentine.....	152	4,177
1937.....	4,482	205,329	1942 rosin.....	346	5,438
1938.....	30	1,324	1943 turpentine.....		3
1939.....	3,180	153,140	1943 rosin.....	7	120
1940.....	2,221	153,012	1947 turpentine.....	52	1,590
1941.....	3,143	290,762	1947 rosin.....	3	84
1942.....	3,594	342,424	Total.....	3,722	46,977
1943.....	2,122	218,276		1,000 bushels	
1944.....	216	22,285	Oats:	2,933	1,275
1945.....	145	17,761	1945.....	788	364
1946.....	191	27,251	1946.....	217	126
1947.....			1947.....		
Total.....	31,578	2,114,174	Total.....	3,938	1,765
	1,000 pounds				
Dates:	1,533	61			
1937.....					
Dry beans:	1,000 cwt.				
1943.....	455.0	2,544			
1947.....	.2	1			
Total.....	455.2	2,545			

See footnotes at end of table.

TABLE 743.—Commodity Credit Corporation: Total loans made, by crop years, from date of organization (1933) through Dec. 31, 1947<sup>1</sup>—Continued

Program	Quantities pledged	Face amount	Program	Quantities pledged	Face amount
Dry peas:	1,000 cwt.	1,000 dollars	Peanuts:	1,000 tons	1,000 dollars
1943.....	43	182	1937.....	86.3	5,267
1944.....	52	208	1938.....	121.4	7,035
Total.....	95	390	1939.....	13.1	817
Figs:	1,000 tons		1940.....	29.4	1,867
1937.....	4.2	84	1944.....	152.2	25,645
1938.....	7.4	125	1945.....	153.7	25,603
1939.....	3.0	51	1946.....	200.1	34,284
Total.....	14.6	260	1947.....	161.3	31,696
Potatoes, Irish	1,000 cwt.		Total.....	917.5	132,214
1943.....	4,367	6,895	Pecans: 1938.....	1,000 pounds	3,705
1944.....	5,679	7,506	Tobacco:	1,000 lb.	
1945.....	33,958	38,915	1931-35.....	69,755	8,635
1946.....	68,981	63,881	1937.....	5,627	934
1947.....	5,735	6,678	1938.....	708	35
Total.....	118,720	123,875	1939.....	18,314	2,731
Potatoes, sweet:	1,000 cwt.		1940.....	98,155	13,156
1943.....	63	130	1941.....	14,998	2,540
1945.....	9	13	1942.....	10,941	2,443
1946.....	5	7	1943.....	1,935	532
Total.....	77	150	1944.....	1,829	529
Prunes:	1,000 tons		1945.....	15,921	6,400
1937.....	56.1	2,357	1946.....	256,694	89,645
1938.....	22.8	397	1947.....	224,266	90,536
1940.....	91.1	5,383	Total.....	719,143	218,116
Total.....	170.0	8,137	Wheat:	1,000 bushels	
Raisins:	1,000 tons		1938.....	85,745	49,216
1937.....	22.6	1,245	1939.....	167,702	117,370
1938.....	105.5	2,688	1940.....	278,430	200,629
1940.....	109.2	5,146	1941.....	366,326	361,556
Total.....	237.3	9,079	1942.....	408,136	468,168
Rye:	1,000 bushels		1943.....	130,170	164,293
1939.....	1,500	567	1944.....	180,412	249,841
1940.....	4,247	1,619	1945.....	59,680	80,261
1941.....	2,449	1,224	1946.....	21,987	31,787
1942.....	5,244	3,133	1947.....	29,621	54,224
1943.....	132	99	Total.....	1,728,209	1,777,345
1944.....	59	44	Wool and mohair:	1,000 pounds	
1945.....	23	17	1938.....	83,088	14,916
Total.....	13,654	6,703	1939.....	10,890	1,914
Soybeans:	1,000 bushels		Total.....	93,978	16,830
1941.....	149	154	Other loan programs:		
1942.....	3,641	5,526	1942 Fiber flax facilities.....		917
1943.....	261	480	1942 Hempseed and harvest-equipment.....		36
1944.....	79	165	1942 Linseed oil.....		1,981
1945.....	32	66	1942 Peanut equipment and warehousing.....		3,643
1946.....	6,456	13,323	1943 American-Egyptian cotton seed.....		6
1947.....	2,904	5,957	1943 Foreign purchase facilities.....		3,387
Total.....	13,522	25,671	1943 Olive oil.....		457
			1943 Raisin producers Association.....		25
			1943 War hemp.....		28
			Total.....		10,480
			Grand total.....		5,296,580

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under Commodity Credit Corporation obligations to purchase. Renewals and extensions of loans previously made are excluded. <sup>2</sup> Partly estimated.

<sup>3</sup> Loans to the Cotton Producers Pool were second-lien advance on cotton in the pool. The 1933 advance was \$20 per 500-pound bale and the 1934 advance was an additional \$10 on cotton remaining in the pool. The number of bales involved is excluded from the quantities placed under loan.



COMMODITY CREDIT CORPORATION LOANS

Delaware.....	10	206	216	11	240	2,511	2,762
Maryland.....	3	786	759	7	31	8,232	8,270
Virginia.....		2,597	3,041	1	10	1,627	12,273
West Virginia.....						101	175
North Carolina.....	100	95,613	97,045	12	103,867	4	155,960
South Carolina.....	1,007	1,007	83,805	4	11	83,820	83,820
Georgia.....	4,610	2,408	25,496	4	48,666	299,260	299,260
Florida.....	1	6,535	6,755	1	48,666	18,811	18,811
South Atlantic.....	13	26,725	134,309	31	107,727	12,650	48,968
Kentucky.....	224	37,512	38,117	733	2,118	4,120	74,108
Tennessee.....		15,476	16,497		2	2,501	113,706
Alabama.....		3,499	9,475		61	205,079	205,079
Mississippi.....		3,318	3,318		6	170,459	170,459
East South Central.....	224	10,303	67,407	733	2,120	6,623	563,332
Arkansas.....		3,568	3,558			16	195,400
Louisiana.....		554	867			14	81,437
Oklahoma.....		793	10,463			127,026	240,622
Texas.....		6,946	19,674			147,081	9,206
West South Central.....		13,363	34,262			274,123	9,783
Montana.....			34,262			142,635	144,871
Idaho.....		113	1,825			51,652	1,586
Wyoming.....		4,386	7,827			7,629	62,856
Colorado.....		228	11			3,975	432
2		1,258	3,909	39		38,291	786
New Mexico.....		584	2,641			8,443	43,091
Arizona.....		286	1,661			1,204	32,009
Utah.....		863	286			7,338	36,965
Nevada.....		21	1,163			8,424	685
Mountain.....	2	376	18,105	39		255,990	6,172
Washington.....		584	57,251			140,739	1,107
Oregon.....		442	4,196			75,562	80,627
California.....		984	3,159			6,806	23,448
4		655	70,169			223,107	324,993
Pacific.....	4	2,031	8,058			50,372	254,884
Unallocated.....		2,195	5,757	1,798	12,811	1,777,345	181,983
United States.....	28,155	32,160	376,459	723,192	218,116	1,777,345	5,296,580

<sup>1</sup>Includes loans made directly by the Commodity Credit Corporation and loans made by banks and other lending agencies under CCC obligations to purchaser. Renewals and extensions of loans previously made are excluded. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

<sup>2</sup>This amount was advanced to producers in the fall of 1938, when an estimated 14,000,000 bushels of 1937 corn were placed under loan. A distribution by States is not available.

<sup>3</sup>Includes the 1933 cotton loans of \$99,498,000, for which State data are not available.

Commodity Credit Corporation.

TABLE 745.—Commodity Credit Corporation: Loans made, 1933-47, and loans outstanding, Dec. 31, 1947

Commodity or program	Unit of quantity	Total loans made 1933-47 <sup>1</sup>		Loans outstanding Dec. 31, 1947			Quantity of collateral remaining pledged
		Quantities pledged	Amount	Book value <sup>2</sup>			
				Held by CCC	Held by lending agencies	Total	
			1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Barley.....	1,000 bu....	44, 893	22, 192	5	250	255	266
Butter.....	1,000 lb....	127, 166	32, 156				
Corn.....	1,000 bu....	1, 239, 574	723, 192	11	6	17	12
Cotton.....	1,000 bales..	31, 578	2, 114, 174	835	21, 537	22, 372	158
Dates.....	1,000 lb....	1, 533	61				
Dry beans.....	1,000 cwt..	1, 455	2, 545		1	1	
Dry peas.....	1,000 cwt..	95	260				
Figs.....	1,000 tons..	14. 6	390				
Fiber flax.....	1,000 lb....	1, 504	735	359		359	750
Flaxseed.....	1,000 bu....	3, 595	9, 129	149	1, 909	2, 058	430
Grain sorghums.....	1,000 bu....	9, 392	8, 523		32	32	28
Hops.....	1,000 lb....	7, 077	1, 988				
Miscellaneous seeds.....	1,000 lb....	68, 071	4, 122				
Naval stores:							
Rosin.....	1,000 bbl..	2, 989	33, 638	56		56	2
Turpentine.....	1,000 bbl..	733	13, 339	1, 589		1, 589	52
Oats.....	1,000 bu....	3, 938	1, 765	8	106	114	198
Peanuts.....	1,000 tons..	917. 5	132, 214	815	25, 666	26, 481	134
Pecans.....	1,000 lb....	3, 705	371				
Potatoes, Irish.....	1,000 cwt..	118, 720	123, 875	878	6, 080	6, 958	6, 565
Potatoes, sweet.....	1,000 cwt..	77	150				
Prunes.....	1,000 tons..	170	8, 137				
Raisins.....	1,000 tons..	237. 3	9, 079				
Rye.....	1,000 bu....	13, 654	6, 703				
Soybeans.....	1,000 bu....	13, 522	25, 671		5, 114	5, 114	2, 493
Tobacco.....	1,000 lb....	719, 143	218, 116	175, 854	166	176, 020	463, 478
Wheat.....	1,000 bu....	1, 728, 209	1, 777, 345	607	37, 484	38, 091	20, 812
Wool and mohair.....	1,000 lb....	93, 978	16, 830				
Other loans.....			10, 480				
Total.....			5, 296, 580	181, 166	98, 351	279, 517	

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under Commodity Credit Corporation obligations to purchase. Renewals and extensions of loans previously made are excluded.

<sup>2</sup> Book values of outstanding loans include face amounts and any charges paid. Accrued charges are excluded.

Commodity Credit Corporation.

TABLE 746.—Commodity Credit Corporation: Inventory of commodities owned by the Corporation, Dec. 31, 1947

Commodity	Unit of quantity	Quantity <sup>1</sup>	Book value <sup>2</sup>
			Dollars
Cotton.....	Bales.....	50, 643	7, 521, 484. 61
Milk, dried.....	Pounds.....	13, 053, 364	1, 161, 552. 17
Oilseeds and products.....			25, 301, 850. 41
Potatoes, Irish.....	Pounds.....	177, 584, 100	4, 535, 649. 13
Barley.....	Bushels.....	666, 636	1, 359, 206. 56
Grain sorghums.....	do.....	752, 928	1, 570, 321. 24
Oats.....	do.....	3, 091, 513	4, 025, 798. 50
Seeds, various.....	Pounds.....	43, 336, 262	3, 053, 652. 97
Wheat.....	Bushels.....	73, 426, 483	218, 377, 630. 52
Wool.....	Pounds.....	341, 749, 116	193, 761, 079. 99
Eggs, dried.....	do.....	30, 276, 291	38, 205, 413. 53
Eggs, frozen.....	do.....	61, 350, 320	19, 844, 336. 62
General supply program.....	do.....	399, 851, 667	30, 466, 834. 98
Miscellaneous programs.....			841, 813. 69
Total.....			550, 026, 624. 92

<sup>1</sup> Quantities include commodities committed for sale or otherwise obligated and thus do not represent the quantities available for sale or other disposition.

<sup>2</sup> Includes accrued charges.

Commodity Credit Corporation.

TABLE 747.—Loan-program operations of the Commodity Credit Corporation: Loans made, settlement of loans, and loans outstanding, by commodities, year ended June 30, 1948

Commodity	Loans outstanding at beginning of year	New loans made	Re-payments	Col-lateral acquired in settlement of loan	Loans written off <sup>1</sup>	Loans outstanding at end of year		
						Held by Commodity Credit Corp.	Held by private lending agencies	Total loans outstanding
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Basic commodities:								
Corn.....	17,025	1,576	17,660		19	18	904	922
Cotton.....	1,875	36,565	33,542	229	116	375	4,178	4,553
Peanuts.....	3,527	37,418	36,127			320	4,498	4,818
Tobacco.....	86,166	122,426	88,012			120,580		120,580
Wheat.....	954	63,763	56,726	2	24	1,382	6,583	7,965
Total basic commodities.....	109,547	261,748	232,067	231	159	122,675	16,163	138,838
Other commodities:								
Barley.....	56	322	351		1	26		26
Beans, dry, edible.....		6	6					7
Cotton, American Egyptian.....	208	123	116	208		5	2	
Flax, fiber.....	527	710		567	3	667		667
Flaxseed.....	7	2,520	1,809	464	1	253		253
Naval stores:								
Rosin.....		2,216	85			2,129		2,129
Turpentine.....	26	2,615	163	1,482	96	900		900
Oats.....	58	141	187		1	11		11
Potatoes, Irish.....	10,007	10,210	19,572		224	421		421
Seeds, hay and pasture.....	11			11				
Seeds, winter cover-crop.....		746	53	693				
Sorghums, grain.....	1	85	86					
Soybeans.....	947	7,247	7,165			2	1,027	1,029
Total other commodities.....	11,848	26,941	29,593	3,425	328	4,414	1,029	5,443
Total all commodities.....	121,395	288,689	261,660	3,656	487	127,089	17,192	144,281

<sup>1</sup> Includes transfers to accounts receivable.

Commodity Credit Corporation.

TABLE 748.—Purchase operations by the Commodity Credit Corporation: Cost of purchases of agricultural commodities for all purposes, years ended June 30, 1947 and 1948

Commodity	Year ended June 30, 1947	Year ended June 30, 1948	Commodity	Year ended June 30, 1947	Year ended June 30, 1948
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
General commodity purchases.....	38,669		Seeds, winter cover crop.....	1,641	
General supply purchases.....	455,841	332,332	Sorghums, grain.....	3,434	8,950
Domestic purchases:			Soybeans.....	40,170	
Animals, live.....	14,194	102	Sugar, Puerto Rican.....	74,366	54,420
Ammonium nitrate.....	21,200	409	Tobacco.....	51	1,543
Barley.....	21,261	27,677	Tung oil.....		1,772
Corn.....	105,041	10,403	Turkeys.....	555	112
Cotton.....	89,438	60,368	Vegetables, canned.....	331	
Eggs.....	59,377	27,566	Wheat.....	423,035	823,316
Feed for Government facilities.....	124	275	Wool.....	162,218	96,497
Flax, fiber.....		3	Other.....	1,138	
Flaxseed.....		61	Total domestic purchases.....	1,067,280	1,303,315
Fruit, dried.....		33,962	Purchases in foreign countries:		
Grapefruit juice.....		4,891	Beet seed.....		309
Hemp and hemp fiber.....	52	317	Fats and oils.....	64,762	3,759
Honey.....		638	Fish, Icelandic.....		967
Linseed oil.....		1,776	Meat, Mexican, canned.....		425
Meat, Mexican, canned.....		11,300	Rice.....	7,134	14,154
Milk and butterfat.....	11,470	8,332	Sugar.....	308,600	222,568
Oats.....	7,040	9,165	Other.....	1,548	
Oils, vegetable.....	493	4,408	Total purchases in foreign countries.....	382,044	242,182
Peanuts.....	4,692	49,461	Grand total.....	1,943,834	1,877,829
Potatoes, Irish.....	46,957	62,220			
Potatoes, sweet.....		897			
Rye.....	2	2,589			
Seeds, hay and pasture.....		9			

<sup>1</sup> Deduct.

Commodity Credit Corporation.

## CHAPTER X

### AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Also included are historical data on payments to farmers, as well as data on land use.

Included with forest service tables this year are several tables on turpentine and rosin, that were formerly in Chapter XI.

TABLE 749.—*Payments made to assist farmers carrying out conservation practices under the agricultural conservation program, by program years, 1936-1947*<sup>1</sup>

Program year	Payment	Program year	Payment	Program year	Payment
	<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
1936 .....	60,732	1940 .....	116,008	1944 .....	293,867
1937 .....	90,791	1941 .....	123,960	1945 .....	231,068
1938 .....	93,919	1942 .....	<sup>2</sup> 168,087	1946 .....	267,555
1939 .....	117,078	1943 .....	215,242	1947 .....	<sup>3</sup> 244,892

<sup>1</sup> Includes payments under Naval Stores Program. Administrative expenses not included.

<sup>2</sup> Revised.

<sup>3</sup> Preliminary

Production and Marketing Administration. Data on parity payments, adjustment payments and other payments under agricultural conservation program in Agricultural Statistics 1946, table 705.



TABLE 750.—Number of farms, percentage of cropland on participating farms, payees, and payments under the 1946 agricultural conservation program, by States

State and division	Participating farms	Percentage of cropland covered <sup>1</sup>	Payees	Payments			
				Soil and range-building practices	Naval stores	Total gross payments	Average payment per payee
	Number	Percent	Number	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
Maine.....	12,074	81.7	12,074	1,029	-----	1,029	85.17
New Hampshire.....	7,060	85.4	7,060	398	-----	398	56.47
Vermont.....	12,029	80.2	12,029	947	-----	947	78.69
Massachusetts.....	8,780	75.4	8,780	751	-----	751	85.52
Rhode Island.....	919	44.1	919	83	-----	83	90.79
Connecticut.....	5,457	75.3	5,462	556	-----	556	101.73
New York.....	74,660	74.0	75,175	6,622	-----	6,622	88.09
New Jersey.....	11,537	75.0	11,855	1,238	-----	1,238	104.47
Pennsylvania.....	84,938	72.7	92,567	5,748	-----	5,748	62.09
North Atlantic.....	217,454	74.6	225,921	17,372	-----	17,372	76.90
Ohio.....	137,636	70.6	175,890	9,616	-----	9,616	54.67
Indiana.....	122,759	72.8	152,619	6,509	-----	6,509	42.65
Illinois.....	154,529	74.9	185,192	12,257	-----	12,257	66.18
Michigan.....	114,879	70.2	145,746	8,079	-----	8,079	55.43
Wisconsin.....	135,973	78.2	146,646	9,832	-----	9,832	67.04
Minnesota.....	118,646	67.9	127,625	8,810	-----	8,810	69.03
Iowa.....	159,424	77.7	195,681	12,389	-----	12,389	63.31
Missouri.....	134,920	63.1	148,678	11,528	-----	11,528	77.53
North Dakota.....	47,805	76.2	49,221	6,422	-----	6,422	130.47
South Dakota.....	34,905	58.9	36,990	5,410	-----	5,410	146.25
Nebraska.....	93,294	69.9	113,377	10,612	-----	10,612	93.60
Kansas.....	64,003	60.6	78,685	10,021	-----	10,021	127.36
North Central.....	1,318,773	70.0	1,556,350	111,485	-----	111,485	71.63
Delaware.....	6,133	69.1	6,803	629	-----	629	92.41
Maryland.....	19,566	71.9	21,725	2,640	-----	2,640	121.51
Virginia.....	73,106	68.8	78,043	5,808	-----	5,808	74.42
West Virginia.....	33,519	60.5	33,524	2,560	-----	2,560	76.36
North Carolina.....	143,442	69.5	161,537	7,426	-----	7,426	45.97
South Carolina.....	49,023	63.9	50,898	2,673	4	2,677	52.60
Georgia.....	62,547	58.1	67,665	7,206	301	7,507	110.94
Florida.....	21,644	53.3	23,111	3,152	121	3,273	141.60
South Atlantic.....	408,980	64.0	443,306	32,094	426	32,520	73.36
Kentucky.....	137,622	81.4	143,592	11,696	-----	11,696	81.45
Tennessee.....	100,477	67.9	101,582	7,261	-----	7,261	71.48
Alabama.....	67,249	57.9	74,150	4,934	30	4,964	66.95
Mississippi.....	57,166	58.8	59,035	6,624	11	6,635	112.39
Arkansas.....	74,518	63.2	81,576	6,046	-----	6,046	74.11
Louisiana.....	31,273	52.0	33,675	3,703	2	3,705	110.03
Oklahoma.....	66,541	45.8	70,080	8,523	-----	8,523	121.62
Texas.....	141,865	53.1	152,498	21,703	-----	21,703	142.32
South Central.....	676,711	57.8	716,188	70,490	43	70,533	98.48
Montana.....	17,628	66.4	18,523	4,513	-----	4,513	243.68
Idaho.....	17,941	66.8	21,119	3,060	-----	3,060	144.89
Wyoming.....	7,161	75.5	7,515	2,431	-----	2,431	323.49
Colorado.....	21,759	73.6	24,296	4,260	-----	4,260	175.35
New Mexico.....	11,148	73.4	12,172	3,538	-----	3,538	290.67
Arizona.....	2,712	60.2	3,005	2,185	-----	2,185	727.00
Utah.....	11,645	71.6	11,962	1,677	-----	1,677	140.21
Nevada.....	1,263	64.8	1,292	397	-----	397	307.06
Washington.....	20,994	76.6	21,563	3,167	-----	3,167	146.85
Oregon.....	17,423	55.7	17,893	3,157	-----	3,157	176.55
California.....	27,613	43.4	27,860	6,390	-----	6,390	229.30
Western.....	157,287	64.6	167,199	34,775	-----	34,775	207.99
Alaska.....	109	45.5	111	11	-----	11	94.16
Hawaii.....	1,189	43.2	1,189	94	-----	94	79.15
Puerto Rico.....	68,787	90.2	94,867	765	-----	765	8.06
Insular.....	70,085	78.2	96,167	870	-----	870	9.04
Total.....	2,849,290	66.1	3,205,131	267,086	469	267,555	83.48

<sup>1</sup> Cropland on participating farms as percentage of total cropland acreage in State. Production and Marketing Administration.

TABLE 751.—Selected soil-building and range-building practices carried out under agricultural conservation programs, by program years, 1938-46<sup>1</sup>

Practice	Unit	1938	1939	1940	1941	1942	1943	1944	1945	1946
Application of materials:										
Ground limestone or equivalent	1,000 tons	5,016	5,792	12,001	13,524	18,971	19,030	23,828	21,338	28,576
Do	1,000 acres	3,474	4,138	7,691	8,277	10,765	11,182	13,844	11,570	14,288
Superphosphate (20 percent or equivalent)	1,000 tons	3,337	510	749	909	1,073	1,873	1,949	2,401	2,705
Do	1,000 acres	2,691	3,500	5,511	7,079	8,084	17,203	15,778	19,645	20,317
Mulching	1,000 tons	335	221	332	278	274	342	205	216	147
Do	1,000 acres	144	93	134	118	118	266	138	121	82
Potash (50 percent K <sub>2</sub> O or equivalent)	1,000 tons	12	7	9	13	8	82	142	119	142
Do	1,000 acres	2,401	2,217	293	342	2,907	3,822	2,291	5,495	6,033
Gypsum (18 percent sulphur or equivalent)	1,000 tons	2	27	62	69	94	99	641	687	282
Do	1,000 acres	96	138	206	413	246	724	631	658	658
Green manure and cover crops <sup>2</sup>	do.	11,143	11,027	21,524	14,494	17,343	25,321	22,880	18,860	18,282
Erosion control and pasture improvement:										
Standard broadbase terraces	1,000 miles	74	67	55	45	42	58	87	53	78
Do	1,000 acres	1,241	1,246	1,104	1,046	807	1,089	1,720	898	1,562
Open drainage ditches	1,000 cubic yards						6,271	55,024	52,648	89,415
Tile drainage ditches	1,000 rods					1		3,437	3,871	4,293
Contour farming intertilled crops	1,000 acres	4,513	6,049	7,813	8,121	9,546	12,239	13,150	10,192	6,714
Contour seeding small grain crops	do.	990	989	1,113	1,701	1,473	2,462	4,837	7,068	3,700
Contour listing or furrowing	do.	2,370	2,446	7,850	7,302	8,202	9,815	10,361	2,323	4,293
Development of natural watering places	Number	(6)	3,887	5,760	3,809	2,212	1,185	1,427	1,624	2,476
Protecting summer fallow	1,000 acres	7,489	8,807	7,417	8,065	14,105	10,670	12,324	14,031	14,048
Establishment and maintenance of fireguards	1,000 lin. ft.	18,274	17,720	27,092	38,873	50,804	79,022	81,755	82,650	83,003
Dams and reservoirs, earth moved, concrete and masonry materials	1,000 cu. yds.	41,632	49,919	64,654	51,887	43,882	49,102	127,267	94,653	154,357
Do	Number	27,721	35,451	54,040	54,312	55,863	59,132	100,017	70,836	126,060
Drilling or digging wells	1,000 lineal feet	865	990	1,104	805	732	911	1,371	1,391	1,674
Do	Number	4,805	5,634	4,296	4,296	4,273	5,621	7,019	6,783	9,089
Stripcropping	1,000 acres	7,711	4,577	5,748	8,404	8,404	7,118	6,866	6,783	6,704
Reseeding pasture land	do.	31,226	3,243	2,692	2,950	2,477	3,084	2,469	4,209	4,429
Deferred grazing	do.	32,577	28,941	28,753	26,338	19,378	(6)	(6)	(6)	(6)
Forestry practices:										
Planting trees	do.	60	61	144	78	61	43		18	44
Maintaining stands	do.	63	151	190	165	177	108		33	18
Improving stands	do.	48	70	105	66	69	35		(7)	35
Other practices:										
Harvesting hayseed and legume seed	do.									
Grazing land management	do.									

<sup>1</sup> Payments under the 1946 program with respect to these practices represent about 84 percent of the total 1946 practice payments. Practices carried out in Alaska, Hawaii, and Puerto Rico are not included.

<sup>2</sup> Does not include acreage of cover consisting of summer legumes inter-planted or grown in combination with other crops, nor acreage of natural cover or cover of sudan, sorghum, or small-grain stubble for wind-erosion protection.

<sup>4</sup> Tillage for erosion control.

<sup>5</sup> Estimated.

<sup>6</sup> Extent of participation not available in units shown.

<sup>7</sup> Less than 500 acres.

Production and Marketing Administration. Data for 1936 and 1937 in Agricultural Statistics 1947, table 723.

Data for 1936 and 1937 in Agricultural Statistics 1947, table 723.

TABLE 752.—Selected soil-building and range-building practices carried out under the 1946 agricultural conservation program, by States<sup>1</sup>

State and division	Application of materials					Deferred grazing	Grazing land management	Reseeding pasture land
	Ground limestone or equivalent	20-per cent super-phosphate or equivalent	50-per cent muriate potash or equivalent	Gypsum (18-per cent sulphur)	Mulching			
	Tons	Tons	Tons	Tons	Tons	Acres	Acres	Acres
Maine.....	93,024	16,803	2,709		4,826			
New Hampshire.....	47,151	10,311	810					
Vermont.....	85,254	30,596	2,127		1,177			222
Massachusetts.....	78,950	14,535	2,398		5,387			
Rhode Island.....	8,690	2,254	71					
Connecticut.....	84,425	9,204	1,250					
New York.....	901,086	142,795	1,096		29,099			26,192
New Jersey.....	206,607	25,240	3,768		3,277			2,376
Pennsylvania.....	1,257,489	58,781						
North Atlantic.....	2,762,676	310,519	14,229		43,766			28,790
Ohio.....	1,931,263	141,706	24,538		11,162			12,390
Indiana.....	2,548,061	112,466	20,890		1,999			13,876
Illinois.....	4,774,935	228,127	5,761		404			3,255
Michigan.....	970,402	132,150	18,474		16,385			4,591
Wisconsin.....	2,242,448	117,436	22,822					63,703
Minnesota.....	321,424	63,161	1,720	1,650	1,107			59,236
Iowa.....	3,190,420	94,702	2,306					32,997
Missouri.....	2,837,127	106,366	4,618					
North Dakota.....		1,080				( <sup>2</sup> )	2,556,004	54,573
South Dakota.....		543	20			198,573		188,869
Nebraska.....						1,595,281		276,152
Kansas.....	916,563	18,113			268	( <sup>2</sup> )	2,801,060	21,725
North Central.....	19,732,643	1,015,850	101,149	1,650	31,325	1,793,854	5,357,064	731,367
Delaware.....	84,124	2,773	413					1,724
Maryland.....	399,734	24,702	2,208					13,868
Virginia.....	949,740	142,824	2,582					
West Virginia.....	529,171	42,356						
North Carolina.....	586,360	71,031	3,434					79,459
South Carolina.....	107,893	43,184	1,134					17,803
Georgia.....	249,963	119,541	7,047					257,832
Florida.....	85,559	104,628	1,725		975			35,945
South Atlantic.....	2,992,544	551,039	18,543		975			406,632
Kentucky.....	956,390	131,244	1,556					894,766
Tennessee.....	888,438	126,222	1,406					26,712
Alabama.....	96,401	126,396	1,619					113,177
Mississippi.....	254,975	109,802	402					139,450
Arkansas.....	149,759	35,616	769					101,923
Louisiana.....	96,337	37,587	591					227,405
Oklahoma.....	431,387	16,839				245,277		315,753
Texas.....	102,138	101,536	504	61,531		1,178,358		715,206
South Central.....	2,975,825	685,242	6,847	61,531		1,423,635		2,534,397
Montana.....	122	7,357		1,062		( <sup>2</sup> )	19,263,476	70,878
Idaho.....		19,557		6,901	558	( <sup>2</sup> )	2,955,144	29,655
Wyoming.....	12,322	2,375		1,489		( <sup>2</sup> )	14,467,020	89,033
Colorado.....		12,006	86	2,027	662	( <sup>2</sup> )	5,627,107	112,860
New Mexico.....		10,232		747		( <sup>2</sup> )	12,221,246	11,294
Arizona.....		5,935		21,632		( <sup>2</sup> )	14,932,617	18,001
Utah.....		7,776			669	( <sup>2</sup> )	5,770,900	38,202
Nevada.....		591				( <sup>2</sup> )	2,270,673	6,832
Washington.....	28,638	20,155	1,491	6,649	39,801	( <sup>2</sup> )	3,000,373	146,278
Oregon.....	42,492	13,179		19,333	4,940	( <sup>2</sup> )	5,158,205	107,147
California.....	28,946	43,322		158,729	24,423	( <sup>2</sup> )	3,824,716	97,449
Western.....	112,520	142,485	1,577	218,569	71,053		89,491,477	727,629
Total.....	28,576,208	2,705,135	142,345	281,750	147,119	* 3,217,489	94,848,541	4,428,815

<sup>1</sup> Payment for these practices represents 85 percent of the amount paid for all conservation practices under the 1946 program. Conservation practices were also carried out under the 1946 program in Alaska, Hawaii, and Puerto Rico, although no data are shown here for these Territories.

<sup>2</sup> Included as part of grazing land management practices.

<sup>3</sup> Incomplete to extent indicated in footnote 2.

(Tabulation continued on next page).

TABLE 752.—Selected soil-building and range-building practices carried out under the 1946 agricultural conservation program, by States<sup>1</sup>—Continued

State and division	Developing natural watering places	Reservoirs and dams <sup>4</sup>	Wells	Eradication of competitive plants on non-crop pasture and range land	Green manure and cover crops	Strip-cropping		Protecting summer fallow
						On contour	Field	
	Number	Number	Number	Acres	Acres	Acres	Acres	Acres
Maine					1,585	3,244		
New Hampshire								
Vermont								
Massachusetts					29,452	91		
Rhode Island					3,535			
Connecticut					30,552			
New York		167			137,495	7,517		
New Jersey					226,216	3,019		
Pennsylvania		20			93,176	23,419		
North Atlantic		187			522,011	37,290		
Ohio		557			207,173	27,195	19,249	
Indiana		1,063			163,947	1,150	766	
Illinois		212			490,480	7,891		
Michigan					457,842		5,447	
Wisconsin		700			128,292	219,695	205,053	
Minnesota					782,891	91,321	212,217	206,185
Iowa		16,275			1,524,183	29,404		
Missouri		10,622			277,668			
North Dakota	102	1,206	399		15,715	20,323	1,046,710	3,072,037
South Dakota	298	7,980	505		287,811	75,037	320,816	170,971
Nebraska		18,092	1,234		874,069	1,443	478,353	1,273,926
Kansas	36	2,768	642		274,374	13,471	51,908	3,114,798
North Central	436	59,475	2,780		5,484,445	486,930	2,340,519	7,837,917
Delaware					65,771			
Maryland					143,336	8,601		
Virginia					305,108	6,694		
West Virginia					7,619	2,521		
North Carolina		116			1,764,273	3,036		
South Carolina					680,170			
Georgia		167			1,174,631			
Florida					305,088			
South Atlantic		283			4,445,996	20,852		
Kentucky		1,886			1,161,407			
Tennessee		1,533			732,969			
Alabama		353			769,852			
Mississippi		7,551			743,782			
Arkansas	199	3,951			1,337,100			
Louisiana		479			521,232			
Oklahoma		15,764	690	7,940	410,724	1,350	19,312	223,074
Texas		17,979	3,133	1,371,314	1,297,242	17,752	38,390	575,890
South Central	199	49,496	3,823	1,379,254	6,974,308	19,102	57,702	798,964
Montana	420	3,171	817		30,263	22,726	3,188,272	368,565
Idaho	51	162	6		67,916	205	116	439,026
Wyoming	139	2,847	562		20,969	1,672	245,840	39,549
Colorado	269	1,580	724		47,864	7,045	209,694	1,461,336
New Mexico	130	4,744	635		6,086	2,991	26,323	425,498
Arizona	122	1,051	113		30,157	819		
Utah	79	1,632	38	17,509	7,822			197,667
Nevada	11	39	20		815			
Washington	65	37	12		66,757			1,639,741
Oregon	133	725	28		90,775	906	509	401,438
California	422	631	131		486,235	8,342	25,985	438,184
Western	1,841	16,619	3,086	17,509	855,659	44,706	3,696,739	5,411,004
Total	2,476	126,060	9,689	1,396,763	18,282,419	608,880	6,094,960	14,047,885

<sup>4</sup> Includes 86,982 reservoirs to obtain better distribution of livestock, 38,151 erosion-control reservoirs, and 927 reservoirs for irrigation water.

(Tabulation continued on next page).

TABLE 752.—Selected soil-building and range-building practices carried out under the 1946 agricultural conservation program, by States<sup>1</sup>—Continued

State and division	Establishing sod waterways	Terracing	Contour farming intertilled crops	Contour farming drilled crops	Leaving stalks for wind erosion protection	Tillage for erosion control <sup>5</sup>	Open farm drainage ditches	Harvesting legume and grass seeds
	Acres	Acres	Acres	Acres	Acres	Acres	Linear feet	Acres
Maine.....	94	4	4,887	2,151				
New Hampshire.....								
Vermont.....								
Massachusetts.....	2	45	52	15			180,018	
Rhode Island.....								
Connecticut.....								
New York.....	45	35					2,941,439	13,049
New Jersey.....	27		2,259				21,789	
Pennsylvania.....	26							45,003
North Atlantic.....	194	84	7,198	2,166			3,143,246	58,052
Ohio.....	500	74	7,099	4,899			1,142,361	317,031
Indiana.....	855	3,465	39,137	32,935			8,358,430	256,977
Illinois.....	1,007	798	110,938	49,474			293,717	183,922
Michigan.....	17		99,037	120,583			22,100,507	
Wisconsin.....	6,655	732	48,447	45,739			5,000,000	
Minnesota.....	1,701	1,852	19,035	37,272			10,158,154	263,201
Iowa.....	3,118	31,103	830,615	321,708			10,694,780	145,798
Missouri.....	1,214	37,334	282,959	140,405			2,451,317	179,883
North Dakota.....	38		1,151	2,245		3,855	4,126,574	60,021
South Dakota.....	1,495	5,672	154,229	288,821		3,932	3,397,638	62,561
Nebraska.....	9,793	105,290	765,583	359,561		39,144	3,596,400	133,543
Kansas.....	1,677	115,805	193,161	314,527	526,037	1,544	1,634,819	370,415
North Central.....	28,070	302,125	2,551,396	1,724,169	526,037	48,475	72,954,697	1,973,652
Delaware.....							258,000	1,872
Maryland.....			6,083				1,731,869	
Virginia.....	139	3,250					50,000	6,856
West Virginia.....								2,129
North Carolina.....	598	45,764	15,634	1,418			3,986,992	6,932
South Carolina.....		25,566					483,813	
Georgia.....	837	108,453	3,537				1,744,340	77,759
Florida.....		3,291					1,453,247	8,426
South Atlantic.....	1,574	186,324	25,254	1,418			9,708,261	103,974
Kentucky.....	50	3,051	30,496				1,441,360	29,762
Tennessee.....	14	35,442	1,375				1,350,484	20,516
Alabama.....		62,413					1,010,562	
Mississippi.....	11	79,202					11,207,980	
Arkansas.....	70	12,911	272,197			635	13,620,773	40,131
Louisiana.....		29,467					29,414,757	
Oklahoma.....	416	215,616	525,798	616,567	144,893	943,239		43,417
Texas.....	248	622,810	3,046,853	918,605	1,084,900	1,175,713	2,969,438	28,167
South Central.....	809	1,060,912	3,876,719	1,535,172	1,229,793	2,119,587	61,015,354	161,993
Montana.....	96	74		446			1,309,270	102,949
Idaho.....	42	385	672	9,790			832,859	89,299
Wyoming.....	2		267	1,353		47,894	594,710	13,993
Colorado.....	1	2,264	59,604	41,054	429,551	109,583	588,134	29,649
New Mexico.....		7,147	190,144	267,676	291,756	607,995	210,161	13,988
Arizona.....		520	1,707	94		1,920	370,165	38,314
Utah.....	4	527		23,862		2,162	967,647	44,925
Nevada.....							331,533	1,359
Washington.....	196						2,015,993	10,588
Oregon.....	58			81,664			2,976,850	32,990
California.....	8	1,322	2,026	11,293		75	1,387,321	23,212
Western.....	407	12,239	254,420	437,232	721,307	769,629	11,584,643	401,266
Total.....	31,054	1,561,684	6,714,987	3,700,157	2,477,137	2,937,691	158,406,201	2,698,937

Footnotes 1 to 4 inclusive appear on preceding pages.

<sup>5</sup> Includes contour tillage and ridging on noncrop pasture and contour tillage operation on cropland to prevent erosion.

Production and Marketing Administration.

TABLE 753.—*Sugar-beet programs, Sugar Act of 1937, as amended: Payments to producers, by States, 1946 and 1947, and United States totals, 1937-47*

State	Number of producers (payees)		Payments on sugar beets produced		Abandonment and deficiency payments		Total payments	
	1946 <sup>1</sup>	1947 <sup>2</sup>	1946 <sup>1</sup>	1947 <sup>2</sup>	1946 <sup>1</sup>	1947 <sup>2</sup>	1946 <sup>1</sup>	1947 <sup>2</sup>
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
California.....	2,360	2,500	5,833	7,735	222	265	6,055	8,000
Colorado.....	12,242	12,170	4,300	6,146	440	90	4,740	6,236
Idaho.....	7,996	9,760	3,086	4,451	85	79	3,171	4,530
Kansas.....	304	332	157	217	13	8	170	225
Michigan.....	10,333	8,112	2,268	1,063	87	304	2,355	1,367
Minnesota.....	903	883	1,001	754	24	72	1,025	826
Montana.....	3,904	3,904	2,180	2,322	145	95	2,325	2,417
Nebraska.....	4,410	4,858	1,877	1,925	74	159	1,951	2,085
North Dakota.....	450	476	424	385	16	39	440	424
Ohio.....	3,694	3,138	636	346	39	113	675	459
Oregon.....	1,113	1,288	831	1,310	13	18	844	1,328
South Dakota.....	381	350	184	136	10	9	194	145
Utah.....	5,461	5,446	1,285	1,788	82	15	1,367	1,803
Washington.....	693	750	762	873	18	20	780	893
Wisconsin.....	2,231	2,423	342	380	17	32	359	412
Wyoming.....	2,268	2,205	1,036	1,167	58	29	1,094	1,196
Other States.....	604	700	184	250	6	53	190	303
Total.....	59,347	59,295	26,386	31,249	1,349	1,400	27,735	32,649
Total:								
1937.....	64,887		16,272			858		17,130
1938.....	77,489		21,393			733		22,126
1939.....	78,647		20,452			912		21,364
1940.....	74,748		22,474			783		23,257
1941.....	67,197		18,662			427		19,089
1942.....	78,038		27,811			2,028		29,839
1943.....	50,372		16,379			1,234		17,613
1944.....	50,106		17,431			1,201		18,632
1945.....	55,306		21,627			1,304		22,931

<sup>1</sup> Revised.<sup>2</sup> Estimated.

Production and Marketing Administration.

TABLE 754.—*Sugarcane programs, Sugar Act of 1937, as amended: Payments to producers, 1937-47*

Program year and item	Florida	Louisiana	Total mainland	Hawaii	Puerto Rico	Virgin Islands <sup>1</sup>	Total Insular	Grand total
1937:								
Producers (payees).....number..	15	16,572	16,587	1,071	9,471	-----	10,542	27,129
Payments.....1,000 dollars..	487	4,869	5,356	4,175	9,500	-----	13,675	19,031
1938:								
Producers (payees).....number..	25	16,901	16,926	2,097	11,580	-----	13,677	30,603
Payments.....1,000 dollars..	748	5,564	6,312	8,594	8,871	-----	17,465	23,777
1939:								
Producers (payees).....number..	27	17,701	17,728	2,062	11,807	-----	13,869	31,597
Payments.....1,000 dollars..	593	4,856	5,449	8,975	10,618	-----	19,593	25,042
1940:								
Producers (payees).....number..	40	15,635	15,675	2,085	12,096	-----	14,181	29,856
Payments.....1,000 dollars..	637	3,251	3,888	8,851	9,567	-----	18,418	22,306
1941:								
Producers (payees).....number..	40	14,509	14,549	1,898	13,840	-----	15,738	30,287
Payments.....1,000 dollars..	613	3,949	4,562	8,594	11,232	-----	19,826	24,388
1942:								
Producers (payees).....number..	36	14,329	14,365	1,796	13,778	780	16,354	36,719
Payments.....1,000 dollars..	709	6,252	6,961	8,148	13,123	26	21,297	28,258
1943:								
Producers (payees).....number..	34	13,439	13,473	1,840	13,750	692	16,282	29,755
Payments.....1,000 dollars..	701	6,688	7,389	8,251	12,040	46	20,337	27,726
1944:								
Producers (payees).....number..	35	12,251	12,286	1,850	14,000	602	16,452	28,738
Payments.....1,000 dollars..	740	6,000	6,740	8,211	12,000	41	20,352	27,092
1945:								
Producers (payees).....number..	21	10,344	10,365	1,600	13,000	525	15,125	25,490
Payments.....1,000 dollars..	837	6,011	6,848	7,796	13,200	57	21,053	27,901
1946:								
Producers (payees).....number..	27	10,151	10,178	1,045	13,437	512	14,994	25,172
Payments.....1,000 dollars..	839	5,698	6,537	6,574	15,061	67	21,702	23,239
1947: <sup>2</sup>								
Producers (payees).....number..	25	9,605	9,630	1,467	14,000	534	16,001	25,631
Payments.....1,000 dollars..	826	5,435	6,261	8,109	16,000	44	24,153	30,414

<sup>1</sup> 1942 is the first year Virgin Islands was included in program.<sup>2</sup> Estimated.

Production and Marketing Administration.

TABLE 755.—*Dates of State soil conservation district laws, number of districts organized, approximate total area, number of farms, land in farms, and districts having memorandums of understanding with the United States Department of Agriculture, cumulative to Dec. 31, 1947*

Division and State or Territory	Date district law became effective	Districts organized <sup>1</sup>	Approximate area and farms within organized districts			Districts having memorandums of understanding with U.S.D.A. <sup>2</sup>
			Total area	Farms (and ranches)	Land in farms	
<b>New England:</b>		<i>Number</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Number</i>
Maine.....	Mar. 25, 1941	13	13,411,460	35,605	3,681,613	13
New Hampshire.....	May 10, 1945	10	5,775,360	18,786	2,017,049	10
Vermont.....	Apr. 18, 1939	13	5,931,392	26,490	3,930,514	13
Massachusetts.....	June 28, 1945	14	5,000,960	35,003	2,071,422	12
Rhode Island.....	Apr. 26, 1943	3	677,120	3,603	264,734	3
Connecticut.....	July 18, 1945	7	2,535,040	20,372	1,272,988	7
<b>Middle Atlantic:</b>						
New York.....	July 20, 1940	35	16,842,240	99,471	11,893,772	30
New Jersey.....	July 1, 1937	7	4,719,360	27,729	1,811,200	7
Pennsylvania.....	July 2, 1937	20	8,195,137	51,135	4,571,017	14
<b>East North Central:</b>						
Ohio.....	June 5, 1941	64	18,517,400	165,460	15,947,758	60
Indiana.....	Mar. 11, 1937	40	9,151,725	77,863	8,203,086	36
Illinois.....	July 9, 1937	84	27,504,177	190,244	26,085,247	80
Michigan.....	July 23, 1937	39	12,053,853	91,901	8,743,373	39
Wisconsin.....	July 1, 1937	55	28,263,040	173,065	20,940,486	47
<b>West North Central:</b>						
Minnesota.....	Apr. 26, 1937	33	9,606,743	61,282	9,457,198	32
Iowa.....	July 4, 1939	89	30,479,510	191,718	30,412,557	86
Missouri.....	July 23, 1943	19	6,421,245	44,762	6,408,452	19
North Dakota.....	Mar. 16, 1937	67	31,704,157	54,525	28,121,576	66
South Dakota.....	July 1, 1937	44	20,631,955	41,747	20,631,955	41
Nebraska.....	May 18, 1937	82	41,035,417	108,949	40,174,281	73
Kansas.....	Apr. 10, 1937	79	39,669,760	115,460	37,472,412	78
<b>South Atlantic:</b>						
Delaware.....	Apr. 2, 1943	3	1,265,920	9,296	923,350	3
Maryland.....	June 1, 1937	22	5,958,400	39,432	3,946,857	22
Virginia.....	Apr. 1, 1938	22	21,646,080	140,535	13,795,374	22
West Virginia.....	June 12, 1939	14	12,481,830	81,734	7,597,309	13
North Carolina.....	Mar. 22, 1937	22	27,295,960	251,105	16,758,662	22
South Carolina.....	Apr. 17, 1937	26	19,580,160	147,745	11,021,623	26
Georgia.....	Mar. 23, 1937	24	35,758,912	216,736	22,931,090	24
Florida.....	June 10, 1937	42	21,584,671	50,003	9,487,128	37
<b>East South Central:</b>						
Kentucky.....	June 11, 1940	91	18,294,160	170,884	14,601,363	91
Tennessee.....	Mar. 10, 1939	31	8,707,840	93,157	6,878,206	30
Alabama.....	Mar. 18, 1939	12	32,689,920	223,369	19,067,844	12
Mississippi.....	Apr. 4, 1938	68	28,257,232	242,108	18,396,007	65
<b>West South Central:</b>						
Arkansas.....	July 1, 1937	52	29,291,000	159,310	14,650,794	51
Louisiana.....	July 27, 1938	25	26,653,500	125,847	9,804,899	22
Oklahoma.....	Apr. 15, 1937	77	41,359,700	159,295	33,139,506	76
Texas <sup>3</sup> .....	Apr. 24, 1939	143	126,919,100	331,823	103,097,377	121
<b>Mountain:</b>						
Montana <sup>4</sup> .....	Feb. 28, 1939	63	51,548,033	25,126	33,799,542	56
Idaho.....	Mar. 9, 1939	22	14,088,151	17,822	5,739,074	21
Wyoming.....	May 22, 1941	29	22,501,600	6,483	7,986,861	27
Colorado.....	May 6, 1937	74	26,128,802	27,436	16,892,341	68
New Mexico.....	Mar. 17, 1937	58	49,214,733	25,350	35,919,301	56
Arizona.....	June 16, 1941	41	882,865	6,590	882,865	41
Utah.....	Mar. 23, 1937	39	38,971,160	22,471	9,794,215	36
Nevada.....	Mar. 30, 1937	12	17,884,184	1,030	1,265,062	12
<b>Pacific:</b>						
Washington.....	Mar. 17, 1939	43	20,771,930	52,364	9,343,484	40
Oregon.....	Apr. 7, 1939	24	4,921,977	6,609	3,238,043	22
California <sup>5</sup> .....	June 26, 1938	48	7,592,048	34,384	5,263,623	47
<b>Total</b> .....		1,944	1,050,376,919	4,303,244	720,334,490	1,829
<b>Territorial:</b>						
Puerto Rico.....	July 1, 1946	17	1,885,601	55,508	1,885,601	17
Virgin Islands.....	June, 1947	2	85,120	1,150	85,120	2
Hawaii.....	May 19, 1947	-----	-----	-----	-----	-----
Alaska.....	Mar. 25, 1947	-----	-----	-----	-----	-----
<b>Grand total</b> .....		1,963	1,052,347,640	4,359,902	722,305,211	1,848

<sup>1</sup> For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws.

<sup>2</sup> Upon request, the United States Department of Agriculture enters into memorandums of understanding with districts for such assistance from departmental agencies as may be available.

<sup>3</sup> Includes 10 wind-erosion districts.

<sup>4</sup> Includes 21 State cooperative grazing districts.

<sup>5</sup> Includes the Imperial Irrigation District.

Soil Conservation Service.

TABLE 756.—Growth of soil conservation districts and other districts being assisted by the Soil Conservation Service, by calendar years, to Dec. 31, 1947

Year	Districts organized		Total area in districts		Approximate land in farms within districts	
	Each year	Cumulative total	New districts and additions	Cumulative total	Added each year	Cumulative total
	Number	Number	Acres	Acres	Acres	Acres
1937.....	13	13	8,002,022	8,002,022	5,446,646	5,446,646
1938.....	96	109	51,037,951	59,039,973	30,179,782	35,626,428
1939.....	108	217	60,450,905	119,490,878	43,078,781	78,705,209
1940.....	212	429	147,584,445	267,075,323	96,706,117	175,411,326
1941 <sup>1</sup> .....	224	653	115,553,677	382,629,000	80,571,694	255,983,020
1942 <sup>1</sup> .....	173	826	96,500,000	479,129,000	53,556,915	309,539,935
1943 <sup>2</sup> .....	177	1,003	86,750,000	565,879,000	57,674,893	367,214,828
1944 <sup>2</sup> .....	218	1,221	109,298,084	675,177,084	76,494,798	443,709,626
1945 <sup>3</sup> .....	241	1,462	127,419,434	802,596,518	79,120,967	522,830,593
1946 <sup>3</sup> .....	294	1,756	143,216,060	945,812,578	94,928,648	617,759,241
1947 <sup>3</sup> .....	207	1,963	106,535,062	1,052,347,640	104,545,970	722,305,211

<sup>1</sup> Includes wind-erosion districts.

<sup>2</sup> Includes wind-erosion districts and grazing districts.

<sup>3</sup> Includes wind-erosion districts, grazing districts, and Imperial Irrigation District (California).

<sup>4</sup> Adjusted to the 1945 Census of Agriculture.

Soil Conservation Service. Totals at the end of each year are net, including corrections and adjustments made during the year.

TABLE 757.—Land use at the time of planning and planned use of area covered by active conservation plans in soil conservation districts as of Dec. 31, 1947<sup>1</sup>

Land use	Acreage at time of planning	Planned use of same acreage							
		Culti- vated land	Per- man- ent hay	Orchard and vine- yard	Pasture or range	Forest range	Wood- land	Wild- life	Miscel- laneous
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Cultivated land.....	54,333,670	47,005,784	2,571,578	100,788	4,367,978	45,948	170,450	48,912	22,232
Permanent hay.....	2,455,968	125,985	2,158,051	5,928	157,111	1,482	4,446	1,482	1,483
Orchard and vineyard.....	832,984	29,644	28,161	621,033	148,218	1,482	2,790	174	1,482
Pasture or range.....	56,026,318	575,085	281,614	96,342	54,512,658	232,702	251,970	34,090	11,857
Forest range.....	10,109,934	152,664	57,806	17,786	2,713,867	5,458,860	1,674,860	28,162	5,929
Woodland.....	16,096,450	289,024	77,073	16,304	923,398	444,653	14,821	54,841	8,893
Wildlife.....	332,008	5,929	2,680	285	14,378	443	14,821	291,990	1,482
Idle land.....	4,707,396	1,126,455	924,879	41,501	1,837,900	48,912	453,546	203,058	71,145
Miscellaneous.....	3,323,042	45,948	23,715	4,446	109,681	7,411	32,608	45,948	3,053,285
Total.....	148,217,770	49,356,518	6,125,557	904,413	64,815,189	6,241,893	16,887,755	708,657	3,177,788
Net change, acres...	-----	-4,977,152	+3,669,589	+71,429	+8,788,871	-3,868,041	+791,305	+376,649	-145,254
Net change, percent.....	-----	-9.16%	+149.41%	+8.58%	+15.69%	-38.26%	+4.92%	+113.45%	-4.37%

<sup>1</sup> The acreage at time of planning by land use adds vertically to give the total acres in 529,951 active conservation plans. The planned use of those same acres by land use are shown horizontally across the table.

Soil Conservation Service.



TABLE 758.—*Soil conservation surveys of the Soil Conservation Service within soil conservation districts, 1947, and total acreage mapped*

Division and State or Territory	Soil conservation surveys for farm planning		Reconnaissance soil conservation surveys	
	Work during 1947	Total to date	Work during 1947	Total to date
New England:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Maine.....	170, 528	1, 585, 825	.....	.....
New Hampshire.....	108, 363	467, 092	.....	.....
Vermont.....	141, 466	1, 192, 008	.....	.....
Massachusetts.....	67, 656	148, 320	.....	.....
Rhode Island.....	51, 691	185, 502	.....	.....
Connecticut.....	50, 609	126, 947	.....	.....
Middle Atlantic:				
New York.....	437, 411	6, 240, 140	.....	.....
New Jersey.....	157, 930	2, 083, 796	.....	.....
Pennsylvania.....	215, 178	1, 781, 726	.....	.....
East North Central:				
Ohio.....	565, 226	3, 798, 921	.....	.....
Indiana.....	390, 122	1, 815, 988	.....	558, 080
Illinois.....	904, 746	7, 953, 975	.....	.....
Michigan.....	259, 294	1, 967, 666	.....	.....
Wisconsin.....	579, 314	7, 072, 823	.....	915, 140
West North Central:				
Minnesota.....	503, 352	4, 048, 766	.....	1, 281, 440
Iowa.....	968, 355	6, 503, 670	.....	1, 929, 845
Missouri.....	304, 984	1, 591, 904	.....	172, 800
North Dakota.....	625, 254	4, 787, 889	2, 164, 480	22, 760, 532
South Dakota.....	1, 039, 799	9, 568, 463	.....	16, 916, 457
Nebraska.....	785, 963	5, 860, 493	.....	49, 057, 920
Kansas.....	389, 255	4, 967, 255	.....	52, 552, 320
South Atlantic:				
Delaware.....	49, 448	304, 181	.....	.....
Maryland.....	144, 724	3, 591, 458	.....	.....
Virginia.....	1, 047, 890	6, 229, 630	.....	836, 312
West Virginia.....	821, 615	4, 144, 187	.....	.....
North Carolina.....	854, 068	8, 967, 197	.....	231, 040
South Carolina.....	1, 022, 485	9, 561, 186	1, 349, 120	6, 591, 935
Georgia.....	2, 122, 346	19, 035, 949	.....	3, 038, 720
Florida.....	1, 139, 387	5, 600, 172	36, 000	1, 305, 020
East South Central:				
Kentucky.....	1, 165, 315	4, 107, 558	.....	32, 968
Tennessee.....	664, 712	4, 547, 919	.....	.....
Alabama.....	1, 681, 660	11, 902, 372	.....	2, 180, 700
Mississippi.....	1, 523, 078	9, 306, 263	.....	523, 880
West North Central:				
Arkansas.....	877, 806	12, 141, 339	.....	.....
Louisiana.....	549, 740	6, 177, 740	.....	.....
Oklahoma.....	1, 193, 614	21, 260, 201	.....	.....
Texas.....	3, 015, 336	33, 190, 282	.....	.....
Mountain:				
Montana.....	218, 369	3, 301, 388	.....	.....
Idaho.....	191, 413	3, 391, 330	.....	.....
Wyoming.....	81, 774	678, 217	.....	2, 254, 593
Colorado.....	208, 838	4, 716, 687	.....	.....
New Mexico.....	59, 788	8, 068, 442	.....	.....
Arizona.....	63, 683	339, 339	.....	.....
Utah.....	83, 193	2, 995, 282	.....	.....
Nevada.....	46, 479	2, 613, 838	.....	.....
Pacific:				
Washington.....	833, 583	4, 044, 445	.....	.....
Oregon.....	262, 206	1, 394, 388	222, 206	222, 206
California.....	394, 226	2, 516, 040	239, 902	575, 902
Total.....	29, 033, 272	267, 876, 199	4, 011, 708	163, 937, 840
Territorial: Puerto Rico.....	75, 772	396, 360	.....	289, 263
Grand total.....	29, 109, 044	268, 272, 559	4, 011, 708	164, 227, 103

Soil Conservation Service.

TABLE 759.—*Conservation practices planned and applied through farmer district cooperation, with Soil Conservation Service assistance, by States, cumulative as of Dec. 31, 1947*<sup>1</sup>

Division and State or Territory	Contour cultivation	Cover crops	Stubble mulching <sup>2</sup>	Strip cropping	Range properly stocked	Seeding range and pasture	Wood-land improvement
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Total planned in districts <sup>3</sup> .....	23,540,186	12,182,991	24,967,627	6,598,022	64,779,546	15,201,011	12,090,670
APPLIED IN:							
New England:							
Maine.....	20,618	8,064	32,393	9,463	-----	8,617	7,489
New Hampshire.....	448	698	77	450	-----	3,148	1,645
Vermont.....	11,253	59	-----	8,138	-----	36,312	24,412
Massachusetts.....	439	1,689	754	338	-----	1,130	203
Rhode Island.....	790	2,899	468	275	-----	2,065	876
Connecticut.....	230	1,459	51	229	-----	3,044	176
Middle Atlantic:							
New York.....	53,030	15,270	12,632	40,843	-----	47,081	11,008
New Jersey.....	16,405	25,018	1,665	10,990	-----	5,620	9,078
Pennsylvania.....	91,304	9,381	2,999	80,764	-----	21,666	8,713
East North Central:							
Ohio.....	41,591	12,713	13,586	73,242	-----	17,067	9,249
Indiana.....	96,042	35,580	3,812	3,189	-----	26,014	4,652
Illinois.....	330,311	34,325	-----	43,142	-----	74,711	10,485
Michigan.....	17,498	70,708	-----	26,147	-----	33,758	10,484
Wisconsin.....	169,708	108	-----	332,926	-----	39,497	14,703
West North Central:							
Minnesota.....	126,907	11,795	-----	165,856	-----	26,012	11,596
Iowa.....	620,134	16,178	108,839	88,045	-----	67,316	916
Missouri.....	64,256	45	-----	65	-----	3,473	664
North Dakota.....	44,196	3,579	1,262,647	724,568	1,167,207	93,847	2,318
South Dakota.....	486,912	3,655	1,616,058	231,933	3,517,546	172,852	1,779
Nebraska.....	831,618	56,821	1,221,856	89,473	1,378,431	136,134	1,456
Kansas.....	758,348	39,247	2,228,449	55,798	1,751,119	74,756	4,701
South Atlantic:							
Delaware.....	900	3,150	1,059	618	-----	2,121	723
Maryland.....	123,309	38,416	36,340	53,989	-----	78,874	25,457
Virginia.....	190,760	117,266	131,715	93,514	144,015	369,570	284,490
West Virginia.....	82,464	19,044	13,177	43,562	-----	145,565	40,935
North Carolina.....	363,558	144,888	71,271	79,001	27,779	216,420	207,299
South Carolina.....	735,635	149,458	169,606	161,896	32,053	112,915	865,702
Georgia.....	957,345	827,794	516,834	166,294	217,611	555,871	1,536,727
Florida.....	130,499	121,326	126,572	5,807	467,493	153,573	468,322
East South Central:							
Kentucky.....	269,814	152,015	19,348	852	69,429	400,685	146,719
Tennessee.....	297,195	198,128	916	2,098	3,981	147,351	94,828
Alabama.....	721,446	381,427	142,145	90,941	193,300	579,973	770,261
Mississippi.....	680,759	349,999	279,862	73,772	366,883	664,811	581,991
West South Central:							
Arkansas.....	530,217	869,130	869,046	50,489	1,181,723	633,735	184,260
Louisiana.....	300,226	427,762	548,919	1,015	530,955	182,172	163,752
Oklahoma.....	1,237,098	1,039,532	1,820,995	68,605	3,606,103	610,259	17,402
Texas.....	3,320,438	1,572,215	4,689,255	186,979	9,641,723	485,737	55,097
Mountain:							
Montana.....	42,390	183	910,658	571,282	7,688,165	90,848	10,390
Idaho.....	13,993	-----	416,889	968	229,669	15,403	3,185
Wyoming.....	5,821	2,209	97,215	12,153	903,655	21,097	89
Colorado.....	109,628	2,400	321,056	70,284	2,148,899	94,435	48,050
New Mexico.....	354,329	12,270	386,475	47,698	6,726,569	66,742	82,628
Arizona.....	5,131	2,509	98,200	1,733	13,866	4,417	-----
Utah.....	55,752	1,158	86,050	1,073	724,709	83,587	18,183
Nevada.....	-----	-----	41,611	-----	9,048	5,208	-----
Pacific:							
Washington.....	6,399	18,615	699,221	13,933	675,517	28,245	23,932
Oregon.....	21,590	1,252	83,800	1,140	261,729	6,006	463
California.....	38,599	87,881	175,482	31,056	372,047	21,929	9,501
Total.....	14,377,333	6,889,318	19,259,103	3,815,723	44,051,224	6,671,669	5,776,989
Territorial: Puerto Rico.....	3,853	16	8,319	11	5,032	2,372	1,747
Grand total applied <sup>2</sup> .....	14,381,186	6,889,334	19,267,422	3,815,734	44,056,256	6,674,041	5,778,736

<sup>1</sup> Data shown are for some principal practices on which reports are received nationally. In addition, there are many other practices on which work is done.

<sup>2</sup> Formerly reported as "crop residue management."

<sup>3</sup> Both planned and applied totals are for satisfactory first-time application only. Reapplication and maintenance of practices on the same area year after are not included. Planned practices are reported as applied when properly installed on the land, the job thereafter being one of maintenance.

TABLE 759.—*Conservation practices planned and applied through farmer district cooperation, with Soil Conservation Service assistance, by States, cumulative as of Dec. 31, 1947*<sup>1</sup>—Continued

Division and State or Territory	Farm and ranch ponds	Tree planting <sup>4</sup>	Terraces	Diversions	Farm drainage	Farm irrigation	
						Land leveling	Improved water application
Total planned in districts <sup>3</sup>	Number 135,550	Acres 772,673	Miles 1,166,315	Miles 31,466	Acres 4,574,477	Acres 1,274,185	Acres 2,495,851
APPLIED IN:							
New England:							
Maine	60	515	6	114	2,132		
New Hampshire	2	64	4	4	215		
Vermont	320	1,888		72	10,140		
Massachusetts	21	51	1	5	844		
Rhode Island	38	234	4	1	259		
Connecticut	27	129	1	3	680		
Middle Atlantic:							
New York	729	12,195	15	666	38,431		
New Jersey	109	3,656	152	178	4,164		
Pennsylvania	143	4,061	58	119	2,350		
East North Central:							
Ohio	840	3,557	192	190	17,759		
Indiana	1,047	2,826	678	236	49,275		
Illinois	1,213	2,865	802	133	122,969		
Michigan	19	28,265	114	48	19,939		
Wisconsin	14	8,802	617	160	18,012		
West North Central:							
Minnesota	116	3,430	160	72	60,583		
Iowa	844	1,697	4,520	184	33,737		
Missouri	823	178	1,075	91	20,304		
North Dakota	3,050	10,331	2	31	161,049	664	4,336
South Dakota	8,338	11,659	347	156	64,247	2,925	5,016
Nebraska	1,890	9,061	8,420	1,028	37,267	54,754	152,163
Kansas	4,776	4,685	15,096	908	51,724	18,855	21,289
South Atlantic:							
Delaware	2	62		2	3,372		
Maryland	108	3,176	128	233	42,449		
Virginia	813	6,114	3,689	42	12,837		225
West Virginia	1,223	6,918	82	227	8,078		
North Carolina	1,427	20,028	41,438	84	72,994		736
South Carolina	559	29,018	41,472	28	120,759		2,515
Georgia	2,554	83,812	86,675	130	54,085		459
Florida	152	6,273	8,775	116	258,891		37,593
East South Central:							
Kentucky	7,056	1,326	3,266	1,253	42,556		7
Tennessee	4,592	1,959	16,547	76	91,793		
Alabama	1,391	11,928	46,685	22	53,197		
Mississippi	8,725	19,852	47,461	263	459,765		104
West South Central:							
Arkansas	9,059	9,966	13,169	604	89,886	10,789	12,264
Louisiana	1,653	11,407	14,700	80	178,641		3,253
Oklahoma	15,586	10,141	43,034	2,277	57,953	9,557	5,516
Texas	10,206	3,479	74,628	2,367	46,434	29,614	571,339
Mountain:							
Montana	4,805	833	56	126	20,381	21,399	65,816
Idaho	311	283	93	1	5,604	16,365	36,154
Wyoming	323	638	1	16	14,052	41,172	55,069
Colorado	327	1,402	722	276	9,381	60,996	92,567
New Mexico	456	2,423	2,003	723	1,485	33,181	57,104
Arizona	266	378	128	42	216	63,281	59,963
Utah	669	462	8	88	3,051	33,471	103,552
Nevada	4	14		7	7,283	17,091	10,635
Pacific:							
Washington	133	918	73	41	34,046	15,235	22,121
Oregon	125	503	9	7	13,154	10,997	11,820
California	299	3,824	86	377	8,308	22,839	32,880
Total	97,243	347,286	477,192	13,907	2,426,761	463,185	1,364,496
Territorial: Puerto Rico	17	465	680	8	1,647		2,191
Grand total applied <sup>2</sup>	97,260	347,751	477,872	13,915	2,428,408	463,185	1,366,687

See footnotes 1, 2, and 3 on preceding page.

<sup>4</sup> Includes field and gully planting and windbreaks.

Soil Conservation Service.

TABLE 760.—*Conservation plans prepared and treatment applied in soil conservation districts with the assistance of Soil Conservation Service technicians, 1947, and cumulative to Dec. 31, 1947*<sup>1</sup>

Division and State or Territory	1947			Cumulative to Dec. 31, 1947		
	New plans prepared		Treated	Active conservation plans		Treated
	Number	Acres	Acres	Number	Acres	Acres
New England:						
Maine.....	822	106,959	27,434	2,880	397,179	70,819
New Hampshire.....	420	84,272	9,046	521	102,121	10,367
Vermont.....	612	112,925	37,782	2,563	529,530	189,390
Massachusetts.....	416	46,662	7,723	499	56,258	8,736
Rhode Island.....	146	15,454	4,618	311	53,001	9,238
Connecticut.....	290	35,247	7,392	354	43,096	8,161
Middle Atlantic:						
New York.....	1,823	246,843	169,874	7,035	986,589	478,302
New Jersey.....	439	55,292	26,347	2,314	282,959	127,687
Pennsylvania.....	882	114,285	35,205	3,286	385,916	175,156
East North Central:						
Ohio.....	2,559	353,798	195,899	7,272	1,011,178	435,326
Indiana.....	1,480	221,154	121,545	5,529	809,124	477,935
Illinois.....	3,379	567,385	316,809	12,672	2,150,228	1,114,562
Michigan.....	1,677	211,674	107,900	6,778	703,619	337,677
Wisconsin.....	1,867	286,909	176,792	13,641	2,159,970	1,149,947
West North Central:						
Minnesota.....	1,245	218,863	176,768	7,120	1,289,221	708,783
Iowa.....	3,670	658,235	336,481	12,328	2,222,506	1,031,953
Missouri.....	923	184,255	83,607	2,378	461,366	160,939
North Dakota.....	2,371	1,506,631	1,118,212	8,455	4,780,436	3,201,549
South Dakota.....	2,284	1,723,760	1,276,222	12,156	7,245,821	5,363,218
Nebraska.....	3,764	1,134,890	640,067	15,509	4,307,382	2,023,724
Kansas.....	5,654	1,721,627	746,742	16,778	5,080,448	1,996,310
South Atlantic:						
Delaware.....	156	36,650	14,581	380	71,806	21,361
Maryland.....	1,090	162,548	87,719	5,805	874,208	391,105
Virginia.....	3,426	597,575	385,040	13,359	2,504,212	1,355,203
West Virginia.....	2,546	308,944	168,842	10,752	1,505,248	648,599
North Carolina.....	6,137	590,129	446,387	36,132	3,836,740	2,074,510
South Carolina.....	3,946	627,578	407,478	20,351	3,478,828	2,109,413
Georgia.....	8,365	1,631,131	1,060,658	44,036	8,771,704	4,373,140
Florida.....	2,202	785,997	441,035	7,447	2,648,037	1,121,948
East South Central:						
Kentucky.....	4,304	544,895	360,604	16,172	2,202,504	1,076,648
Tennessee.....	2,664	341,312	259,193	11,782	1,652,693	841,763
Alabama.....	5,812	888,033	735,062	28,517	4,780,207	2,776,492
Mississippi.....	6,039	1,019,285	759,276	27,487	4,651,338	2,558,422
West South Central:						
Arkansas.....	4,819	750,445	517,112	30,656	4,128,186	1,998,884
Louisiana.....	1,796	465,769	339,609	11,909	2,101,916	961,693
Oklahoma.....	6,392	1,566,924	996,653	34,484	7,782,855	3,998,865
Texas.....	13,629	6,370,571	3,345,796	49,678	22,340,559	10,736,818
Mountain:						
Montana.....	1,326	2,655,921	1,711,632	4,267	9,715,047	5,484,830
Idaho.....	723	263,876	91,145	3,431	1,356,625	417,186
Wyoming.....	624	606,012	237,912	1,770	1,513,266	611,792
Colorado.....	1,190	833,643	669,399	4,568	5,651,487	2,959,642
New Mexico.....	844	2,022,363	1,739,733	5,288	14,034,322	7,515,672
Arizona.....	603	295,676	62,962	1,555	587,473	134,730
Utah.....	600	349,549	255,471	3,884	2,196,777	1,004,263
Nevada.....	81	46,914	31,018	678	266,373	114,000
Pacific:						
Washington.....	1,706	710,307	468,966	6,691	2,479,457	1,113,441
Oregon.....	246	373,332	172,328	877	846,834	329,734
California.....	1,981	396,289	200,948	6,895	1,122,507	459,397
Total.....	119,970	34,848,788	21,629,029	529,230	148,159,157	76,268,330
Territorial: Puerto Rico.....	721	58,613	21,497	721	58,613	21,497
Grand total.....	120,691	34,907,401	21,650,526	529,951	148,217,770	76,289,827

Soil Conservation Service.

TABLE 761.—*Conservation practices newly applied in conservation districts each year, with the assistance of Soil Conservation Service technicians, 1943-47*<sup>1</sup>

Some major practices	Unit	1943	1944	1945	1946	1947
		Contour cultivation.....	Acres	1,495,773	2,848,033	2,575,429
Cover crops.....	Acres	571,293	179,727	489,562	2,369,844	2,618,769
Stubble mulching <sup>2</sup> .....	Acres	791,846	1,980,044	2,370,447	5,108,063	6,342,686
Strip cropping.....	Acres	590,713	587,823	475,146	601,076	826,274
Range properly stocked.....	Acres	6,697,400	9,914,833	6,090,750	9,596,544	12,135,711
Seeding range and pasture.....	Acres	731,978	807,817	887,805	1,647,006	1,872,319
Woodland improvement.....	Acres	684,789	660,220	803,673	1,606,353	1,844,159
Farm and ranch ponds.....	Number	3,228	15,254	15,547	27,486	31,519
Tree planting.....	Acres	29,047	26,020	<sup>3</sup> 32,874	<sup>3</sup> 36,814	<sup>3</sup> 55,997
Terraces.....	Miles	44,149	53,777	71,910	99,482	101,363
Diversions.....	Miles	1,754	932	1,627	3,371	4,194
Farm drainage.....	Acres	82,995	203,040	299,570	752,662	1,103,071
Land leveling.....	Acres	16,394	62,543	79,886	135,856	189,050
Improved water application.....	Acres	9,173	188,508	160,168	380,665	511,341
Combined treatment <sup>4</sup> .....	Acres	9,805,538	10,156,748	13,012,000	19,332,928	21,650,526

<sup>1</sup> The data shown in this table for some major practices are for first-time application. In most cases these practices recur on the same land year after year, but such amounts as actually recur are not included.

<sup>2</sup> Formerly reported as "crop residue management."

<sup>3</sup> Includes windbreak and shelterbelt plantings.

<sup>4</sup> Combined treatment represents the farmland area in districts on which the planned practices were completed in the years shown.

Soil Conservation Service.

TABLE 762.—*Group enterprise plans in soil conservation districts (involving 2 or more farms), United States, 1947, and cumulative to Dec. 31, 1947*<sup>1</sup>

Item	Unit	Group drainage		Group irrigation		Other types <sup>2</sup>		Total	
		1947	Cumulative	1947	Cumulative	1947	Cumulative	1947	Cumulative
Group job plans.....	Number	1,149	2,776	182	749	21	104	1,352	3,629
Farms to be benefited.....	do	8,482	26,713	5,265	23,202	276	1,448	14,024	51,363
Areas to be benefited.....	Acres	889,359	3,139,672	210,599	1,002,877	40,484	288,842	1,140,442	4,431,391
Estimated total cost.....	Dollars	3,607,835	13,270,350	898,541	3,361,734	\$50,058	1,904,007	5,356,434	18,536,091
Group jobs completed.....	Number	895	1,876	119	476	22	75	1,036	2,427
Farms benefited.....	do	5,741	13,549	2,116	13,633	193	877	8,050	28,059
Area benefited.....	Acres	628,890	1,521,958	89,603	578,996	16,676	56,947	735,169	2,157,901
Some principal practices installed:									
Clearing.....	Acres	2,047	4,735	17	49	10	73	2,074	4,857
Ditches, canals, laterals.....	Miles	1,136	2,651	50	183	11	13	1,197	2,847
Ditches, canals, laterals.....	Cu. yds.	11,206,067	27,125,123	301,984	1,036,482	43,039	77,499	11,551,120	28,239,104
Spoil bank leveling.....	do	6,845,918	15,528,537	4,100	55,046	500	1,900	6,850,518	15,585,483
Structures.....	Number	845	2,142	240	888	8	74	1,093	3,104
Tile drains.....	Lin. ft.	210,334	618,920	-----	-----	-----	1,910	210,334	620,830
Irrigation pipe.....	do	-----	-----	10,170	69,184	-----	1,030	10,170	70,214

<sup>1</sup> Group enterprise plans are defined as any job involving two or more land owners or operators who agree to work together to carry on the construction, operations, and maintenance specified in the plans.

<sup>2</sup> Other types include special erosion control, water control (Region 2), water spreading (Region 7) and other such group enterprise jobs.

Soil Conservation Service.

TABLE 763.—Use and income of lands managed in the agricultural land-utilization program of the Soil Conservation Service, under Title III of the Bankhead-Jones Farm Tenant Act, by States, 1947

Division and State	Total area managed	Used for grazing		Used for annual crops	Used for hay	Forest use		Person-days recreational use	Total revenue <sup>1</sup>
		Acres	Animal unit months			Acres	Tons		
	Acres	Acres	Animal unit months	Acres	Tons	Board feet	Dollars	Number	Dollars
Middle Atlantic:									
Maine.....	482								
New York.....	13,658	5,221	8,023	397		36,963	413.13	1,000	1,729.60
Pennsylvania.....	19,969	2,552	679		2	493,200	4,306.05	15,765	5,907.78
E. North Central:									
Illinois.....	( <sup>2</sup> )	1,326	1,010	283	82			457,200	2,487.52
Michigan.....	7,798			8		7,200			
W. North Central:									
Missouri.....	12,938	4,096	3,963	31	10	8,360			3,368.22
North Dakota.....	1,065,652	1,040,319	331,283	2,550	12,622	76,000	140.35	4,526	76,783.04
South Dakota.....	851,538	836,576	310,720	969	3,903	109,002	34.00		79,582.25
Nebraska.....	133,580	132,987	43,626	255	341	102,760	262.83		12,327.92
Kansas.....	102,396	35,391	10,280	4,740	44				28,007.41
South Atlantic:									
Delaware.....	927			77		68,200	110.60	57,750	209.30
West Virginia.....	7,948	1,030	1,475	42	129	131,027	852.03		3,007.69
North Carolina.....	14,061	214	411	375	113	165,000	1,540.50		7,969.00
South Carolina.....									<sup>3</sup> 26.91
Georgia.....	109,124	3,989	7,628	1,384	555	5,395,870	71,035.46	10,575	92,096.42
Florida.....	117,546	68,777	35,927	90		2,139,190	10,701.96	1,150	13,453.45
E. South Central:									
Kentucky.....									
Tennessee.....	1,212								
Alabama.....	10,750	451	1,647			144,000	1,140.00	400	2,789.58
Mississippi.....	87,777	10,848	8,450	778	579	2,854,763	34,985.74	17,126	43,287.72
W. South Central:									
Arkansas.....	86,010	15,226	15,262	342	295	8,847,961	50,359.78	212,234	63,937.86
Louisiana.....	31,157	520	680		40	2,342,130	23,590.36	114,720	26,902.77
Oklahoma.....	80,852	37,949	14,463	1,752	120	696,721	3,797.87		18,952.57
Texas.....	128,168	83,060	35,439	800		87,594	626.37	260,936	44,722.28
Mountain:									
Montana.....	1,920,048	1,906,505	437,569	771	1,757	21,012	71.40	450	94,061.88
Idaho.....	126,145	127,333	26,675		70				4,283.24
Wyoming.....	543,634	542,772	146,066	3	172	1,400		2,200	40,015.29
Colorado.....	655,964	607,865	129,729	6,500					106,145.76
New Mexico.....	659,974	659,414	76,975			5,057,291	14,594.37	130	42,043.37
Arizona.....	59,052	459,412	2,028						533.40
Utah.....	46,253	446,552	5,043						1,028.19
Nevada.....	3,375	3,406	961						128.16
Pacific:									
Oregon.....	205,168	194,229	19,642			2,551,580	10,868.00		15,635.61
California.....	17,983	8,115	4,911						2,431.70
Total.....	7,121,139	6,436,135	1,680,565	22,147	20,834	31,337,224	229,430.80	1,156,162	<sup>4</sup> 833,755.89

<sup>1</sup> Includes revenue from sources other than those shown in this table, such as building occupancy, sales of improvements, minerals, and easements.

<sup>2</sup> Illinois project LU-11 was transferred Aug. 5, 1947, to the Department of the Interior; data shown covers operations prior to transfer.

<sup>3</sup> Collections from mineral royalties from lands, the surface of which is administered by State agencies under long-term lease.

<sup>4</sup> Includes public domain lands administered under agreement with Grazing Service.

<sup>5</sup> Of this amount, 25 per cent is paid to counties in which Title III lands are located, to be used for schools and roads.

Soil Conservation Service.

TABLE 764.—Soil surveys of Bureau of Plant Industry, Soils and Agricultural Engineering: Areas mapped during the fiscal year ended June 30, 1947, and areas previously reported<sup>1</sup>

State or Territory	Detailed				Reconnaissance			
	Work during fiscal year 1947	Work previously reported <sup>2</sup>	Total		Work during fiscal year 1947	Work previously reported <sup>2</sup>	Total	
	Square miles	Square miles	Square miles	Equivalent 1,000 acres	Square miles	Square miles	Square miles	Equivalent 1,000 acres
Maine.....		4,888	4,888	3,128				
New Hampshire.....	30	7,907	7,937	5,080				
Vermont.....		1,175	1,175	752		9,124	9,124	5,839
Massachusetts.....		8,811	8,811	5,639				
Rhode Island.....		2,152	2,152	1,377				
Connecticut.....		1,704	1,704	1,091				
New York <sup>3</sup> .....	15	42,534	42,549	27,231				
New Jersey.....		9,895	9,895	6,333				
Pennsylvania <sup>3</sup> .....	36	25,482	25,518	16,331		41,405	41,405	26,499
Ohio.....	25	19,461	19,486	12,471		41,420	41,420	26,509
Indiana <sup>3</sup> .....		26,249	26,249	16,799				
Illinois.....		6,770	6,779	4,339				
Michigan.....	166	35,909	36,075	23,088	422	5,371	5,793	3,707
Wisconsin.....		26,950	26,950	17,248		14,425	14,425	9,232
Minnesota.....	44	14,927	14,971	9,581		13,067	13,067	8,363
Iowa.....	331	53,909	54,240	34,714				
Missouri.....	18	38,793	38,811	24,839				
North Dakota.....		23,049	23,049	14,751		39,240	39,240	25,114
South Dakota.....		8,286	8,286	5,303		41,400	41,400	26,496
Nebraska.....		77,682	77,682	49,716		53,064	53,064	33,961
Kansas.....	269	16,854	17,123	10,959		39,960	39,960	25,574
Delaware.....		2,276	2,276	1,457				
Maryland.....		13,959	13,959	8,934				
Virginia.....	223	21,063	21,286	13,623				
West Virginia.....		24,681	24,681	15,796				
North Carolina.....	68	54,350	54,418	34,827		39,240	39,240	25,114
South Carolina.....		27,999	27,999	17,919		41,400	41,400	26,496
Georgia.....	60	37,680	37,740	24,154		53,064	53,064	33,961
Florida.....	365	18,646	19,011	12,167		39,960	39,960	25,574
Kentucky.....		6,832	6,832	4,372				
Tennessee <sup>3</sup> .....	880	21,785	22,665	14,506				
Alabama.....	400	64,620	65,020	41,613				
Mississippi.....	155	32,338	32,493	20,795				
Arkansas.....		15,547	15,547	9,950				
Arkansas-Missouri.....						58,000	58,000	37,120
Louisiana.....		17,431	17,431	11,156				
Oklahoma.....	39	30,431	30,470	19,501				
Texas <sup>3</sup> .....	159	70,958	71,117	45,515		152,855	152,855	97,827
Montana.....	14	3,848	3,862	2,472		59,189	59,189	37,881
Idaho.....		13,391	13,391	8,570				
Wyoming.....		17,088	17,088	10,936				
Colorado.....		7,624	7,624	4,879				
New Mexico.....		2,565	2,565	1,642				
Arizona.....	7	5,628	5,635	3,606				
Utah.....		4,409	4,409	2,822				
Nevada.....		652	652	417				
Washington.....	293	21,222	21,515	13,770		18,409	18,409	11,782
Oregon.....		17,740	17,740	11,354				
California <sup>3</sup> .....	159	48,238	48,397	30,974		32,135	32,135	20,566
Alaska.....						31,915	31,915	20,426
Hawaii.....		3,668	3,668	2,348		2,738	2,738	1,752
Puerto Rico.....		3,765	3,765	2,410				
Total.....	3,765	1,063,821	1,067,586	683,255	422	653,717	654,139	418,648

<sup>1</sup> The preparation of soils maps by the Division of Soil Survey, Bureau of Plant Industry, Soils, and Agricultural Engineering, is generally done in cooperation with the State agricultural experiment stations. Inquiry for available maps and reports may be made of the State agricultural college, the State agricultural experiment station, or the U. S. Department of Agriculture.

<sup>2</sup> These figures refer to work done for a period of over 40 years and in some instances include resurveys.

<sup>3</sup> During the fiscal year 1947, maps were published for the following counties in the States indicated: *California*, Kings County; *Indiana*, Brown and Fulton counties; *New York*, Sullivan County; *Pennsylvania*, Bucks and Union counties; *Tennessee*, Bedford, Hamblen and Humphreys counties; and *Texas*, Fannin County.

Bureau of Plant Industry, Soils, and Agricultural Engineering.

TABLE 765.—*Forest land area of the United States and ownership of commercial forest land, by regions and States, 1945*

Region and State	Total forest land <sup>1</sup>	Commercial forest land							
		All owner-ships	Federally owned or managed			State, county, and municipal	Private		
			Total	National forest	Other		Total	Farm	Industrial and other
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
<b>New England:</b>									
Connecticut-----	1,907	1,900				155	1,745	711	1,034
Maine-----	16,788	16,665	74	47	27	50	16,541	2,173	14,368
Massachusetts-----	3,310	3,297	24	1	23	271	3,002	906	2,096
New Hampshire-----	4,800	4,722	621	613	8	79	4,022	1,086	2,936
Rhode Island-----	452	447				27	420	107	313
Vermont-----	3,835	3,820	172	161	11	84	3,564	1,494	2,070
<b>Total-----</b>	<b>31,092</b>	<b>30,851</b>	<b>891</b>	<b>822</b>	<b>69</b>	<b>666</b>	<b>29,294</b>	<b>6,477</b>	<b>22,817</b>
<b>Middle Atlantic:</b>									
Delaware-----	442	442	2		2	7	433	228	205
Maryland-----	2,742	2,722	44	3	41	149	2,529	1,198	1,331
New Jersey-----	2,348	2,329	53		53	96	2,180	424	1,756
New York-----	13,500	11,114	75		75	732	10,307	3,651	6,656
Pennsylvania-----	15,228	15,127	470	442	28	2,514	12,143	3,369	8,774
West Virginia-----	9,954	9,852	832	820	12	115	8,905	2,984	5,921
<b>Total-----</b>	<b>44,214</b>	<b>41,586</b>	<b>1,476</b>	<b>1,265</b>	<b>211</b>	<b>3,613</b>	<b>36,497</b>	<b>11,854</b>	<b>24,643</b>
<b>Lake:</b>									
Michigan-----	19,000	17,380	2,155	2,035	120	4,115	11,110	3,260	7,850
Minnesota-----	19,700	16,700	2,670	2,170	500	7,100	6,930	4,330	2,600
Wisconsin-----	17,000	16,265	1,670	1,250	420	3,590	11,005	6,340	4,665
<b>Total-----</b>	<b>55,700</b>	<b>50,345</b>	<b>6,495</b>	<b>5,455</b>	<b>1,040</b>	<b>14,805</b>	<b>29,045</b>	<b>13,930</b>	<b>15,115</b>
<b>Central:</b>									
Illinois-----	3,396	3,319	192	175	17	10	3,117	3,092	25
Indiana-----	3,445	3,358	104	79	25	76	3,178	3,139	39
Iowa-----	2,248	2,226	16	5	11	19	2,191	2,186	5
Kentucky-----	11,857	11,694	534	427	107	35	11,125	5,421	5,704
Missouri-----	19,142	18,837	1,199	1,193	6	78	17,560	8,839	8,721
Ohio-----	4,831	4,779	72	72		108	4,599	3,112	1,487
<b>Total-----</b>	<b>44,919</b>	<b>44,213</b>	<b>2,117</b>	<b>1,951</b>	<b>166</b>	<b>326</b>	<b>41,770</b>	<b>25,789</b>	<b>15,981</b>
<b>Plains:</b>									
Kansas-----	1,121	1,011					1,011	1,011	
Nebraska-----	1,112	987	39	15	24		948	948	
North Dakota-----	621	470	55		55	1	414	414	
Oklahoma (West) <sup>2</sup> -----	6,326								
South Dakota (East) <sup>3</sup> -----	662	618	215	15	200	3	400	400	
Texas (West) <sup>2</sup> -----	25,986	240	23		23		217	187	30
<b>Total-----</b>	<b>35,828</b>	<b>3,326</b>	<b>332</b>	<b>30</b>	<b>302</b>	<b>4</b>	<b>2,990</b>	<b>2,960</b>	<b>30</b>
<b>North:-----</b>	<b>211,753</b>	<b>170,321</b>	<b>11,311</b>	<b>9,523</b>	<b>1,788</b>	<b>19,414</b>	<b>139,596</b>	<b>61,010</b>	<b>78,586</b>
<b>South Atlantic:</b>									
North Carolina-----	18,400	17,997	1,312	960	352	242	16,443	10,072	6,371
South Carolina-----	10,611	10,549	720	549	171	187	9,642	5,684	3,958
Virginia-----	14,832	14,377	1,453	1,266	187	107	12,817	7,621	5,196
<b>Total-----</b>	<b>43,843</b>	<b>42,923</b>	<b>3,485</b>	<b>2,775</b>	<b>710</b>	<b>536</b>	<b>38,902</b>	<b>23,377</b>	<b>15,525</b>
<b>Southeast:</b>									
Alabama-----	18,878	18,800	886	613	273	121	17,793	7,259	10,534
Florida-----	23,478	21,765	1,713	1,009	704	326	19,726	3,996	15,730
Georgia-----	21,432	21,107	1,202	646	556	72	19,833	10,362	9,471
Mississippi-----	15,889	15,868	1,307	979	328	410	14,151	6,323	7,828
Tennessee-----	12,165	11,850	801	555	246	287	10,762	5,194	5,568
<b>Total-----</b>	<b>91,842</b>	<b>89,390</b>	<b>5,909</b>	<b>3,802</b>	<b>2,107</b>	<b>1,216</b>	<b>82,265</b>	<b>33,134</b>	<b>49,131</b>

See footnotes at end of table.



TABLE 765.—*Forest land area of the United States and ownership of commercial forest land, by regions and States, 1945—Continued*

Region and State	Total forest land <sup>1</sup>	Commercial forest land							
		All owner-ships	Federally owned or managed			State, county, and municipal	Private		
			Total	National forest	Other		Total	Farm	Industrial and other
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
West Gulf:									
Arkansas.....	20,036	19,928	2,645	2,214	431	104	17,179	6,142	11,037
Louisiana.....	16,196	16,169	747	536	211	265	15,157	2,969	12,188
Oklahoma (East) <sup>2</sup> .....	4,320	4,308	619	163	456	23	3,666	812	2,854
Texas (East) <sup>2</sup> .....	10,567	10,548	673	648	25	16	9,859	2,626	7,233
Total.....	51,119	50,953	4,684	3,561	1,123	408	45,861	12,549	33,312
South:.....	186,804	183,266	14,078	10,138	3,940	2,160	167,028	69,060	97,968
Pacific Northwest:									
Douglas-fir subregion.....	29,145	26,027	10,201	7,682	2,519	2,616	13,210	1,951	11,259
Pine subregion.....	24,710	20,177	12,811	9,659	3,152	819	6,547	1,383	5,164
Total.....	53,855	46,204	23,012	17,341	5,671	3,435	19,757	3,334	16,423
Oregon.....	29,755	26,330	15,251	11,530	3,721	1,101	9,978	1,537	8,441
Washington.....	24,100	19,874	7,761	5,811	1,950	2,334	9,779	1,797	7,982
Total.....	53,855	46,204	23,012	17,341	5,671	3,435	19,757	3,334	16,423
California:.....	45,515	16,405	8,099	7,684	415	23	8,283	1,309	6,974
North Rocky Mountain:									
Idaho.....	18,813	10,149	6,436	5,838	598	925	2,788	841	1,947
Montana.....	24,238	14,758	10,122	9,118	1,004	699	3,937	1,614	2,323
South Dakota (West) <sup>3</sup> .....	1,317	1,147	920	918	2	4	223	144	79
Wyoming.....	8,878	3,012	2,534	2,187	347	74	404	248	156
Total.....	53,246	29,066	20,012	18,061	1,951	1,702	7,352	2,847	4,505
South Rocky Mountain:									
Arizona.....	19,538	2,815	2,744	2,058	686	30	41	36	5
Colorado.....	19,902	7,874	5,923	5,387	536	152	1,799	650	1,149
Nevada.....	4,720	98	24	24			74	13	61
New Mexico.....	20,001	3,465	2,405	2,020	385	149	911	693	218
Utah.....	8,494	1,530	1,349	1,276	73	49	132	106	26
Total.....	72,655	15,782	12,445	10,765	1,680	380	2,957	1,498	1,459
West:.....	225,271	107,457	63,568	53,851	9,717	5,540	38,349	8,988	29,361
All regions:.....	623,828	461,044	88,957	73,512	15,445	27,114	344,973	139,058	205,915

<sup>1</sup> *Forest land* is all land bearing or once supporting commercial or noncommercial forest and not at present in use or likely to be suitable for any form of use higher than forestry. *Commercial forest land* is land bearing or capable of producing timber of commercial quantity and quality and economically available now or prospectively for commercial use and not withdrawn from commercial use.

*Noncommercial forest land* is (1) commercially valuable forest land in the form of parks, preserves, wilderness areas, etc., actually withdrawn from commercial use; and (2) open grown pinon-juniper lands in the West, chaparral in southern California, oak-cedar brakes in Texas and Oklahoma, remote and inaccessible alpine areas, and other areas which because of very low productivity or excessively poor quality timber or extreme inaccessibility appear to be permanently out of the timber producing class. Much of this land has important value in watershed protection, preventing or reducing soil erosion, protecting wildlife, providing game cover, etc.

<sup>2</sup> Western and central portions of Oklahoma and Texas included in the Plains region; eastern portions included in the West Gulf region.

<sup>3</sup> Eastern and central portions of South Dakota included in the Plains; southwestern portion (Black Hills) included in the North Rocky Mountain region.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 766.—Saw timber: Estimated board-foot volume on commercial forest land in the United States, by regions and States, 1945<sup>1</sup>

Region and State	Total		Soft-woods	Hard-woods	On saw-timber areas		On other than saw-timber areas
	Million board feet	Percent of grand total			On virgin areas	On second-growth areas	
New England:							
Connecticut.....	1,642	0.10	258	1,384	-----	1,111	531
Maine.....	36,787	2.30	24,279	12,508	525	31,912	4,350
Massachusetts.....	4,670	.29	1,946	2,724	15	3,867	788
New Hampshire.....	7,610	.47	3,424	4,186	88	5,739	1,783
Rhode Island.....	153	.01	22	131	-----	69	84
Vermont.....	7,335	.46	3,334	4,001	98	5,907	1,330
Total.....	58,197	3.63	33,263	24,934	726	48,605	8,866
Middle Atlantic:							
Delaware.....	1,183	.07	519	664	25	1,029	129
Maryland.....	4,030	.25	1,779	2,251	37	3,053	940
New Jersey.....	2,188	.14	783	1,405	25	1,362	801
New York.....	25,279	1.58	6,926	18,353	329	21,088	3,862
Pennsylvania.....	20,582	1.29	3,087	17,495	162	13,406	7,014
West Virginia.....	8,783	.55	923	7,860	619	7,521	643
Total.....	62,045	3.88	14,017	48,028	1,197	47,459	13,389
Lake:							
Michigan.....	24,140	1.51	7,400	16,740	13,550	7,500	3,090
Minnesota.....	11,590	.72	4,940	6,650	2,020	5,560	4,010
Wisconsin.....	14,980	.94	3,330	11,650	1,820	10,220	2,940
Total.....	50,710	3.17	15,670	35,040	17,390	23,280	10,040
Central:							
Illinois.....	3,717	.23	22	3,695	71	3,092	554
Indiana.....	6,175	.39	6	6,169	-----	5,773	402
Iowa.....	5,344	.33	43	5,301	-----	4,842	502
Kentucky.....	12,392	.77	1,611	10,781	797	10,356	1,239
Missouri.....	6,984	.44	663	6,321	381	3,849	2,754
Ohio.....	9,135	.57	73	9,062	-----	8,704	431
Total.....	43,747	2.73	2,418	41,329	1,249	36,616	5,882
Plains:							
Kansas.....	2,880	.18	-----	2,880	600	1,800	480
Nebraska.....	1,500	.09	300	1,200	360	660	480
North Dakota.....	434	.03	20	414	-----	344	90
Oklahoma (West) <sup>2</sup> .....	-----	-----	-----	-----	-----	-----	-----
South Dakota (East) <sup>3</sup> .....	720	.05	96	624	120	480	120
Texas (West) <sup>2</sup> .....	196	.01	52	144	-----	142	54
Total.....	5,730	0.36	468	5,262	1,080	3,426	1,224
North:	220,429	13.77	65,836	154,593	21,642	159,386	39,401
South Atlantic:							
North Carolina.....	42,241	2.64	27,962	14,279	-----	40,109	2,132
South Carolina.....	29,580	1.85	19,362	10,218	-----	28,452	1,128
Virginia.....	25,320	1.58	12,002	13,318	-----	21,644	3,676
Total.....	97,141	6.07	59,326	37,815	-----	90,205	6,936
Southeast:							
Alabama.....	33,361	2.09	20,681	12,680	694	30,482	2,185
Florida.....	17,308	1.08	12,862	4,446	844	14,410	2,054
Georgia.....	40,543	2.53	28,941	11,602	2,005	36,121	2,417
Mississippi.....	30,453	1.90	11,592	18,861	1,131	27,206	2,116
Tennessee.....	14,222	.89	2,916	11,306	-----	13,254	968
Total.....	135,887	8.49	76,992	58,895	4,674	121,473	9,740
West Gulf:							
Arkansas.....	37,528	2.34	22,315	15,213	2,080	33,940	1,508
Louisiana.....	36,895	2.30	13,930	22,965	2,492	33,184	1,219
Oklahoma (East) <sup>2</sup> .....	3,048	.19	2,044	1,004	234	2,497	317
Texas (East) <sup>2</sup> .....	27,488	1.72	19,183	8,305	2,137	24,634	817
Total.....	104,959	6.55	57,472	47,487	6,943	94,155	3,861
South:	337,987	21.11	193,790	144,197	11,617	305,833	20,537

See footnotes at end of table.

TABLE 766.—Saw timber: Estimated board-foot volume on commercial forest land in the United States, by regions and States, 1945<sup>1</sup>—Continued

Region and State	Total		Soft-woods	Hard-woods	On saw-timber areas		On other than saw-timber areas
					On virgin areas	On second-growth areas	
	Million board feet	Percent of grand total	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
Pacific Northwest:							
Douglas-fir subregion .....	504, 931	31. 54	501, 065	3, 866	408, 271	93, 811	2, 849
Pine subregion .....	125, 963	7. 87	125, 876	87	104, 878	17, 895	3, 190
Total .....	630, 894	39. 41	626, 941	3, 953	513, 149	111, 706	6, 039
Oregon .....	381, 389	23. 82	378, 577	2, 812	307, 288	71, 913	2, 188
Washington .....	249, 505	15. 59	248, 364	1, 141	205, 861	39, 793	3, 851
Total .....	630, 894	39. 41	626, 941	3, 953	513, 149	111, 706	6, 039
California .....	227, 565	14. 21	227, 565	-----	180, 082	32, 624	14, 859
North Rocky Mountain:							
Idaho .....	60, 796	3. 80	60, 764	32	27, 078	28, 076	5, 642
Montana .....	52, 515	3. 28	52, 112	403	32, 020	12, 531	7, 964
South Dakota (West) <sup>3</sup> .....	2, 866	. 18	2, 866	-----	1, 249	1, 333	284
Wyoming .....	11, 052	. 69	10, 551	501	9, 463	1, 272	317
Total .....	127, 229	7. 95	126, 293	936	69, 810	43, 212	14, 207
South Rocky Mountain:							
Arizona .....	16, 270	1. 01	16, 270	-----	14, 265	1, 787	218
Colorado .....	27, 658	1. 73	26, 742	916	18, 727	4, 860	4, 071
Nevada .....	367	. 02	367	-----	287	35	45
New Mexico .....	8, 471	. 53	8, 471	-----	7, 134	871	466
Utah .....	4, 102	. 26	4, 102	-----	3, 627	405	70
Total .....	56, 868	3. 55	55, 952	916	44, 040	7, 958	4, 870
West: .....	1, 042, 556	65. 12	1, 036, 751	5, 805	807, 081	195, 500	39, 975
All regions: .....	1, 600, 972	100. 00	1, 296, 377	304, 595	840, 340	660, 719	99, 913

<sup>1</sup> Status beginning of 1945. Includes volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use. Includes trees large enough for sawlogs regardless of the actual use, in accordance with the practice of the region. Volumes are on lumber-tally basis.

Minimum sizes of saw-timber trees: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress and 13" for hardwoods. Pacific Northwest (pine subregion), North Rocky Mountain, South Rocky Mountain: In the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H. Pacific Northwest (Douglas-fir subregion): 15" D.B.H. California: All except redwood type, 12" D.B.H.; redwood type, 24" D.B.H.

Virgin growth includes mature or overmature forests not seriously disturbed by cutting or by fire, insects and disease infestations, or other natural causes, and generally characterized by the absence of any net growth; and mature or overmature forests so lightly cut or otherwise disturbed as not to make any material change in the original forest canopy or the quality of the original stand, or to induce net growth in any appreciable amount.

Second growth includes forests which have been cut over or which have been so disturbed by fire insects, or disease, windstorms, or other natural causes that net growth occurs and they no longer qualify as virgin forests.

<sup>2</sup> Volume in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.

<sup>3</sup> Volume in eastern and central portions of South Dakota included in the Plains; that in southwestern portion (Black Hills) included in North Rocky Mountain region.

Forest Service; from A Reappraisal of The Forest Situation.

TABLE 767.—Saw timber on commercial forest land: eastern softwoods by species and by regions and States, 1945<sup>1</sup>

Region and State	Total	Southern yellow pine	Spruce and fir <sup>2</sup>	White and Norway pine	Hemlock	Cypress	Other
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
<b>New England:</b>							
Connecticut.....	258	2	1	93	160		2
Maine.....	24,279		16,554	4,091	2,362		1,272
Massachusetts.....	1,946	117	136	993	681		19
New Hampshire.....	3,424	23	1,902	1,332	152		15
Rhode Island.....	22			21	1		
Vermont.....	3,334		2,056	800	408		70
<b>Total.....</b>	<b>33,263</b>	<b>142</b>	<b>20,649</b>	<b>7,330</b>	<b>3,764</b>		<b>1,378</b>
<b>Middle Atlantic:</b>							
Delaware.....	519	518					1
Maryland.....	1,779	1,729	1	14	20		15
New Jersey.....	783	666		23	39		55
New York.....	6,926	52	2,441	1,700	2,595		138
Pennsylvania.....	3,087	947	21	1,234	885		
West Virginia.....	923	123	255	79	457		9
<b>Total.....</b>	<b>14,017</b>	<b>4,035</b>	<b>2,718</b>	<b>3,050</b>	<b>3,996</b>		<b>218</b>
<b>Lake:</b>							
Michigan.....	7,400		1,510	1,090	4,560		240
Minnesota.....	4,940		1,690	1,370			1,880
Wisconsin.....	3,330		400	1,230	1,390		310
<b>Total.....</b>	<b>15,670</b>		<b>3,600</b>	<b>3,690</b>	<b>5,950</b>		<b>2,430</b>
<b>Central:</b>							
Illinois.....	22			2		18	2
Indiana.....	6	3		1		1	1
Iowa.....	43			6			37
Kentucky.....	1,611	1,078		149	335		37
Missouri.....	663	586				70	7
Ohio.....	73	60		3	8		2
<b>Total.....</b>	<b>2,418</b>	<b>1,727</b>		<b>161</b>	<b>343</b>	<b>126</b>	<b>61</b>
<b>Plains:</b>							
Kansas.....							
Nebraska.....	300						<sup>3</sup> 300
North Dakota.....	20						<sup>4</sup> 20
Oklahoma (West).....							
South Dakota (East).....	96						<sup>3</sup> 96
Texas (West).....	52	51				1	
<b>Total.....</b>	<b>468</b>	<b>51</b>				<b>1</b>	<b><sup>3</sup>416</b>
<b>North:</b>	<b>65,836</b>	<b>5,955</b>	<b>26,967</b>	<b>14,231</b>	<b>14,053</b>	<b>127</b>	<b>4,503</b>
<b>South Atlantic:</b>							
North Carolina.....	27,962	25,761	40	397	430	969	365
South Carolina.....	19,362	18,151		13	51	1,106	41
Virginia.....	12,002	11,042		407	245	202	106
<b>Total.....</b>	<b>59,326</b>	<b>54,954</b>	<b>40</b>	<b>817</b>	<b>726</b>	<b>2,277</b>	<b>512</b>
<b>Southeast:</b>							
Alabama.....	20,681	20,250				209	222
Florida.....	12,862	10,277				2,112	473
Georgia.....	28,941	27,120		136		570	1,115
Mississippi.....	11,592	11,202				152	238
Tennessee.....	2,916	2,078		199	142	241	256
<b>Total.....</b>	<b>76,992</b>	<b>70,927</b>		<b>335</b>	<b>142</b>	<b>3,284</b>	<b>2,304</b>
<b>West Gulf:</b>							
Arkansas.....	22,315	22,308					7
Louisiana.....	13,930	12,981				547	402
Oklahoma (East).....	2,044	2,038				1	5
Texas (East).....	19,183	19,164					19
<b>Total.....</b>	<b>57,472</b>	<b>56,491</b>				<b>548</b>	<b>433</b>
<b>South:</b>	<b>193,790</b>	<b>182,372</b>	<b>40</b>	<b>1,152</b>	<b>868</b>	<b>6,109</b>	<b>3,249</b>
<b>All North and South.....</b>	<b>259,626</b>	<b>188,327</b>	<b>27,007</b>	<b>15,383</b>	<b>14,921</b>	<b>6,236</b>	<b>7,752</b>

<sup>1</sup> Status beginning of 1945.<sup>2</sup> Balsam fir.<sup>3</sup> Ponderosa pine. The total volume of ponderosa pine in the United States is 185,441 million board feet, including the 416 million feet in the Plains region. See also table 741.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 768.—*Saw timber on commercial forest land: eastern hardwoods by species and by regions and States, 1945*<sup>1</sup>

Region and State	Total	Oak	Beech, birch and maple	Sweet- gum	Tupelo and black gum	Cotton- wood and aspens	Yellow- poplar	Other
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
<b>New England:</b>								
Connecticut	1,384	830	415			13	28	98
Maine	12,508	139	11,046			1,234		89
Massachusetts	2,724	1,036	1,497			54	28	109
New Hampshire	4,186	76	3,973			23		114
Rhode Island	131	114	9					8
Vermont	4,001	70	3,800			61		70
Total	24,934	2,265	20,740			1,385	56	488
<b>Middle Atlantic:</b>								
Delaware	664	339	46				20	259
Maryland	2,251	1,195	299			11	225	521
New Jersey	1,405	815	98			1	56	435
New York	18,353	1,835	13,397			918	184	2,019
Pennsylvania	17,495	11,114	3,705			206	206	2,264
West Virginia <sup>2</sup>	7,860	3,714	1,765			18	1,019	1,344
Total	48,028	19,012	19,310			1,154	1,710	6,842
<b>Lake:</b>								
Michigan	16,740	880	11,600			1,890		2,370
Minnesota	6,650	670	980			3,250		1,750
Wisconsin	11,650	3,540	4,510			1,240		2,360
Total	35,040	5,090	17,090			6,380		6,480
<b>Central:</b>								
Illinois	3,695	2,327	219	137	26	301	11	674
Indiana <sup>2</sup>	6,169	2,581	1,618	86	31	167	334	1,352
Iowa	5,301	1,795	481			1,422		1,603
Kentucky <sup>2</sup>	10,781	6,010	2,070	285	87	12	1,400	917
Missouri	6,321	4,051	133	105	91	531	34	1,376
Ohio <sup>2</sup>	9,062	3,696	2,686	3	113	39	390	2,225
Total	41,329	20,370	7,207	616	348	2,472	2,169	8,147
<b>Plains:</b>								
Kansas <sup>3</sup>	2,850	605				605		1,670
Nebraska <sup>3</sup>	1,200	36				1,092		72
North Dakota	414	9				355		50
Oklahoma (West)								
South Dakota (East) <sup>3</sup>	624					362		262
Texas (West)	144	52		36	3			53
Total	5,262	702		36	3	2,414		2,107
North	154,593	47,439	64,347	652	351	13,805	3,935	24,064
<b>South Atlantic:</b>								
North Carolina <sup>2</sup>	14,279	4,361	1,100	2,550	2,810		1,463	1,995
South Carolina	10,218	2,243	286	2,923	2,466	116	854	1,330
Virginia <sup>2</sup>	13,318	6,211	944	1,194	974		2,195	1,800
Total	37,815	12,815	2,330	6,667	6,250	116	4,512	5,125
<b>Southeast:</b>								
Alabama	12,680	4,226		2,529	1,423		1,201	3,301
Florida	4,446	1,094		814	1,271			1,267
Georgia	11,602	3,308		2,314	2,538		960	2,482
Mississippi	18,861	6,160		3,932	1,873	693	483	5,720
Tennessee <sup>2</sup>	11,306	6,229	1,210	927	204	214	1,256	1,266
Total	58,895	21,017	1,210	10,516	7,309	907	3,900	14,036
<b>West Gulf:</b>								
Arkansas	15,213	7,035		2,525	779	584		4,290
Louisiana	22,965	8,226		4,323	3,470	250		6,696
Oklahoma (East)	1,004	680		57	34			233
Texas (East)	8,305	4,169		1,736	764			1,636
Total	47,487	20,110		8,641	5,047	834		12,855
South	144,197	53,942	3,540	25,824	18,606	1,857	8,412	32,016
All North and South <sup>2</sup>	298,790	101,381	67,887	26,476	18,957	15,662	12,347	56,080

<sup>1</sup> Status beginning of 1945.<sup>2</sup> Dead chestnut of sawlog size, still standing and usable, not included, as follows (million board feet): West Virginia 453, North Carolina 342, Virginia 548, and Tennessee 706; total 2,049. Also small quantity in Indiana, Kentucky, Ohio, and elsewhere.<sup>3</sup> Volume by species determined for Kansas by prorating to species according to data in forest survey reported in Kans. Agr. Exp. Sta. Bul. 285. For Nebraska, total prorated to species according to 1942 Census of lumber production. For South Dakota, total prorated to species according to data on forest survey reported in 1936 by Lake States Forest Experiment Station in cooperation with South Dakota State Planning Board.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 769.—Saw timber on commercial forest land: western trees by species and by regions and States, 1945<sup>1</sup>

Region and State	Total	Douglas fir	Ponderosa pine	True firs	Western hemlock	Sugar pine and western white pine	Redwood	Spruce	Larch	Lodgepole pine	Other Softwoods	Hardwoods
	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet	Million board feet
Pacific Northwest:												
Douglas fir subregion	504,931	310,523	4,850	46,464	94,469	6,171	8,020	145	37	30,386	3,886	
Pine subregion	125,963	20,704	75,346	11,385	1,918			8,582	1,134	5,414	87	
Total	630,894	331,227	80,198	57,854	95,855	8,089	8,020	8,727	1,171	35,800	3,953	
Oregon	381,389	243,572	62,778	22,558	22,980	5,888	3,183	3,555	711	13,352	2,812	
Washington	249,505	87,655	17,420	35,296	72,875	2,201	4,837	5,172	460	22,448	1,141	
Total	630,894	331,227	80,198	57,854	95,855	8,089	8,020	8,727	1,171	35,800	3,953	
California:	227,565	2 68,613	3 51,191	4 43,012		19,565	5 38,114			7,130		
North Rocky Mountain:												
Idaho	60,796	12,962	11,199	8,103	1,184	11,523	3,821	6,072	1,830	4,070	82	
Montana	52,515	12,595	11,514	918	108	1,167	6,042	11,807	7,453	508	403	
South Dakota (West)	2,866		2,859				7					
Wyoming	11,052	1,161	1,199	339			2,629			100	501	
Total	127,229	26,718	26,771	9,360	1,352	12,630	12,490	17,879	14,406	4,678	936	
South Rocky Mountain:												
Arizona	16,270	651	14,960	325							171	
Colorado	27,658	1,473	3,735	2,166						5,487	102	916
Nevada	367	1	164	180							16	
New Mexico	8,471	847	6,777	424							169	
Utah	4,102	498	1,229	220						996		
Total	56,868	3,470	26,865	3,315						6,483	468	916
West:	1,042,556	430,028	5 185,025	113,541	97,207	40,224	38,114	35,880	26,605	22,060	48,066	5,805

<sup>1</sup> Status beginning of 1945. Of the total 1,042,556 million board feet in this tabulation, 1,036,751 million board feet is softwoods and the remainder is hardwoods, as indicated.

<sup>2</sup> May include some white fir, Sitka spruce, western hemlock, Port Oxford cedar, and western red cedar, which are commonly lumped with Douglas fir in redwood cruising.

<sup>3</sup> Includes Jeffrey pine.

<sup>4</sup> Includes the western white pine, mountain hemlock, and lodgepole pine recorded in cruises of fir areas.

<sup>5</sup> Redwood exclusive of volume of 1,000 Big trees reported on cruises in the West-Side Sierra subregion.

<sup>6</sup> Excluding 416 million board feet in Plains region. Grand total of ponderosa pine in the United States is 185,441 million board feet. See also table 739.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 770.—Annual drain from all timber and from saw timber on commercial forest land in the United States, by cutting for commodities 1944, and by destructive agencies, average 1934-43 <sup>1</sup>

## TIMBER CUT FOR COMMODITIES, 1944

Item	All timber drains <sup>2</sup>			Saw-timber drains <sup>3</sup>		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Lumber.....	6,711	4,778	1,933	34,391	26,130	8,261
Fuelwood.....	2,203	719	1,484	3,863	1,957	1,906
Pulpwood.....	1,306	1,163	143	4,757	4,500	257
Hewed ties.....	363	153	210	1,643	777	866
Fence posts.....	220	59	161	226	82	144
Veneer logs.....	392	165	227	1,971	942	1,029
Mine timbers.....	225	40	185	320	70	250
Cooperage.....	174	40	134	744	195	549
Shingles.....	72	72	—	334	334	—
Other.....	516	159	357	1,409	604	805
Total.....	12,182	7,348	4,834	49,658	35,591	14,067

## TIMBER REMOVED BY DESTRUCTIVE AGENCIES, 1934-43 AVERAGE

Fire.....	460	247	213	859	547	312
Insects, disease, wind, etc.....	1,019	556	463	3,376	2,392	984
Total.....	1,479	803	676	4,235	2,939	1,296
Grand total.....	15,661	8,151	5,510	53,893	38,530	15,363

<sup>1</sup> Includes drain in volume from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.

<sup>2</sup> Drain from all trees 5" D.B.H. and larger, bark not included.

<sup>3</sup> Drain (lumber-tally basis) from trees above the following minimum saw timber sizes: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress, and 13" for hardwoods. Pacific Northwest (Pine subregion), North Rocky Mountain, South Rocky Mountain: In the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H. Pacific Northwest (Douglas-fir subregion): 15" D.B.H. California: All except redwood type, 12" D.B.H.; redwood type, 24" D.B.H.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 771.—Current annual growth of all timber and of saw timber on commercial forest land in the United States, by regions and States, 1945<sup>1</sup>

Region and State	All timber growth <sup>2</sup>			Saw-timber growth <sup>3</sup>		
	Total	Softwood	Hardwood	Total	Softwood	Hardwood
	Million cubic feet	Million cubic feet	Million cubic feet	Million board feet	Million board feet	Million board feet
<b>New England:</b>						
Connecticut.....	55	6	49	107	14	93
Maine.....	397	252	145	760	491	269
Massachusetts.....	123	32	91	242	96	146
New Hampshire.....	182	73	109	389	174	215
Rhode Island.....	6	1	5	9	1	8
Vermont.....	134	55	79	292	134	158
Total.....	897	419	478	1,799	910	889
<b>Middle Atlantic:</b>						
Delaware.....	29	11	18	62	27	35
Maryland.....	104	52	52	202	105	97
New Jersey.....	65	25	40	103	37	66
New York.....	392	84	308	785	191	594
Pennsylvania.....	566	75	491	1,111	193	918
West Virginia.....	241	26	215	449	44	405
Total.....	1,397	273	1,124	2,712	597	2,115
<b>Lake:</b>						
Michigan.....	295	48	247	519	96	423
Minnesota.....	302	101	201	420	176	244
Wisconsin.....	215	29	186	464	74	390
Total.....	812	178	634	1,403	346	1,057
<b>Central:</b>						
Illinois.....	104		104	208	1	207
Indiana.....	137	1	136	298	2	296
Iowa.....	121	1	120	295	2	293
Kentucky.....	475	59	416	638	83	555
Missouri.....	341	32	309	388	37	351
Ohio.....	262	2	260	421	3	418
Total.....	1,440	95	1,345	2,248	128	2,120
<b>Plains:</b>						
Kansas.....	51		51	82		82
Nebraska.....	36	6	30	58	10	48
North Dakota.....	10	1	9	16	1	15
Oklahoma (West) <sup>4</sup> .....						
South Dakota (East) <sup>5</sup> .....	17	2	15	26	4	22
Texas (West) <sup>4</sup> .....	6	2	4	11	4	7
Total.....	120	11	109	193	19	174
North.....	4,666	976	3,690	8,355	2,000	6,355
<b>South Atlantic:</b>						
North Carolina.....	721	438	283	2,589	1,835	754
South Carolina.....	454	284	170	1,733	1,234	499
Virginia.....	586	285	301	1,784	947	837
Total.....	1,761	1,007	754	6,106	4,016	2,090
<b>Southeast:</b>						
Alabama.....	750	452	298	2,021	1,392	629
Florida.....	310	202	108	989	767	222
Georgia.....	740	507	233	2,501	1,995	506
Mississippi.....	667	264	403	1,866	904	962
Tennessee.....	247	55	192	847	226	621
Total.....	2,714	1,480	1,234	8,224	5,284	2,940
<b>West Gulf:</b>						
Arkansas.....	670	338	332	1,929	1,186	743
Louisiana.....	631	244	387	1,893	970	923
Oklahoma (East) <sup>4</sup> .....	55	27	28	137	95	42
Texas (East) <sup>4</sup> .....	560	424	136	1,649	1,368	281
Total.....	1,916	1,033	883	5,608	3,619	1,989
South.....	6,391	3,520	2,871	19,938	12,919	7,019

See footnotes at end of table.



TABLE 771.—*Current annual growth of all timber and of saw timber on commercial forest land in the United States, by regions and States, 1945*<sup>1</sup>—Continued

Region and State	All timber growth <sup>2</sup>			Saw-timber growth <sup>3</sup>		
	Total	Softwood	Hardwood	Total	Softwood	Hardwood
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Pacific Northwest:						
Douglas fir sub-region.....	1,024	992	32	3,741	3,669	72
Pine sub-region.....	219	219	-----	483	483	-----
Total.....	1,243	1,211	32	4,224	4,152	72
Oregon.....	659	640	19	2,483	2,432	51
Washington.....	584	571	13	1,741	1,720	21
Total.....	1,243	1,211	32	4,224	4,152	72
California.....	335	335	-----	1,160	1,160	-----
North Rocky Mountain:						
Idaho.....	302	302	(6)	826	826	(7)
Montana.....	162	159	3	418	414	4
South Dakota (West) <sup>5</sup> .....	12	12	(6)	22	22	(7)
Wyoming.....	64	64	(6)	40	40	(7)
Total.....	540	537	3	1,306	1,302	4
South Rocky Mountain:						
Arizona.....	30	30	-----	94	94	-----
Colorado.....	130	112	18	145	142	3
Nevada.....	1	1	-----	1	1	-----
New Mexico.....	23	23	-----	58	58	-----
Utah.....	11	11	-----	20	20	-----
Total.....	195	177	18	318	315	3
West.....	2,313	2,260	53	7,008	6,929	79
All regions.....	13,370	6,756	6,614	35,301	21,848	13,453

<sup>1</sup> Status beginning of 1945. Includes growth on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.

<sup>2</sup> Annual growth of all trees 5" D.B.H. and larger, including tops and limbs (top only in soft woods) of saw timber trees and total volume of trees reaching 5" in D.B.H. each year. Bark not included.

<sup>3</sup> Annual growth on the trees above the following minimum saw timber sizes and total volume of trees reaching these minimum sizes each year, all on lumber-tally basis: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress and 13" for hardwoods. Pacific Northwest (pine sub-region), North Rocky Mountain, South Rocky Mountain: in the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H. Pacific Northwest (Douglas fir sub-region): 15" D.B.H. California: all except redwood type 12" D.B.H.; redwood type 24" D.B.H.

<sup>4</sup> Growth in western and central portions of Oklahoma and Texas included in the Plains region; that in eastern portions included in the West Gulf region.

<sup>5</sup> Growth in eastern and central portions of South Dakota included in the Plains; that in the southwestern portion (Black Hills) included in North Rocky Mountain region.

<sup>6</sup> Less than 500,000 cubic feet.

<sup>7</sup> Less than 500,000 board feet.

Forest Service; from A Reappraisal of the Forest Situation.



Pennsylvania.....	4,000	125,000	600	4,000	3,600	1,600,000	1,733,200	2,500,000	4,233,200
Puerto Rico.....	750	34,711	---	17,000	2,589	---	54,300	4,400	58,700
South Carolina.....	---	6,852	---	---	---	19,000	25,852	31,200	57,052
South Dakota.....	2,140	59,040	4,770	18,240	6,410	189,725	278,195	742,600	1,020,785
Tennessee.....	1,600	53,570	3,320	1,800	1,640	40,080	100,410	101,460	201,870
Texas.....	1,300	50,000	600	---	---	21,000	71,600	13,000	84,600
Utah.....	345,990	1,729,948	40,050	88,100	58,405	337,856	2,261,219	1,012,500	3,273,719
Vermont.....	300	14,244	---	---	---	11,200	25,424	65,000	90,424
Virginia.....	2,674	170,951	3,932	1,630	8,041	56,620	241,174	107,100	348,274
Washington.....	272,307	709,499	36,405	79,465	85,186	143,025	904,615	1,269,560	2,174,175
West Virginia.....	2,200	74,600	4,199	---	---	28,950	107,749	32,650	140,399
Wisconsin.....	9,720	68,800	4,390	32,800	17,710	72,100	195,800	447,000	642,800
Wyoming.....	73,160	161,490	3,485	127,120	15,768	84,065	401,598	2,316,890	2,718,488
Totals.....	3,055,114	8,763,062	385,290	2,286,107	713,380	5,948,405	18,240,677	36,969,220	55,209,897

Forest Service.

TABLE 773.—Construction, betterment, and maintenance of national roads and trails from forest-road appropriations and other Federal and cooperative funds, by States and Territories, cumulative from 1913 to June 30, 1947

State or Territory	Mileage to June 30, 1947			Expenditures to June 30, 1947		
	Roads		Trails	Federal funds	Cooperative funds	Total funds
	Construction	Betterment	Construction			
	<i>Miles</i>	<i>Miles</i>	<i>Miles</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alabama.....	851.6	83.6		2,983,241	53,193	3,036,434
Alaska.....	354.0	1.9	1,072.6	15,030,189	531,157	15,561,346
Arizona.....	4,277.5	972.4	3,221.5	25,459,343	1,370,103	26,829,446
Arkansas.....	2,017.8	913.5	586.4	11,662,778	432,504	12,095,282
California.....	11,695.8	913.5	12,801.1	75,922,162	7,701,155	83,623,317
Colorado.....	2,494.2	226.1	12,689.0	23,409,174	1,461,523	24,870,697
Florida.....	1,699.3	171.3		4,356,997	221,181	4,578,178
Georgia.....	560.1	203.5	363.1	5,553,347	440,361	5,993,708
Idaho.....	7,844.2	947.0	22,944.0	60,360,859	2,152,611	62,513,470
Illinois.....	328.0	46.6		2,681,897	28,779	2,710,676
Indiana.....	28.1	.1		247,903	5,216	253,119
Iowa.....				18		18
Kansas.....	3.4			2,112		2,112
Kentucky.....	280.2	50.5	4.2	3,875,759	47,971	3,923,730
Louisiana.....	948.6	68.6		1,797,923	24,735	1,822,663
Maine.....	13.1	4.8	94.6	502,856		502,856
Maryland.....				70		70
Michigan.....	2,438.8	813.5	10.0	6,549,570	642,640	7,192,210
Minnesota.....	1,227.0	285.8	906.4	6,284,747	376,670	6,661,418
Mississippi.....	1,048.9	184.0	3.0	6,103,162	31,726	6,139,888
Missouri.....	1,104.9	310.6		4,193,312	6,715	4,200,027
Montana.....	3,217.2	243.3	20,547.3	31,844,524	744,344	32,588,868
Nebraska.....	132.2	13.4		385,172	1,252	386,424
Nevada.....	894.2	46.2	1,007.6	5,620,373	187,004	5,807,377
New Hampshire.....	155.5	19.2	985.7	3,635,211	112,401	3,747,612
New Jersey.....				218		218
New Mexico.....	2,830.2	749.2	1,962.6	19,093,277	468,887	19,562,164
New York.....				81		81
North Carolina.....	895.5	386.2	995.9	9,076,794	575,833	9,652,627
North Dakota.....	1.0			510		510
Ohio.....	27.7	20.5		264,281	3,628	267,909
Oklahoma.....	180.8	51.9	16.5	1,177,753	20,366	1,198,124
Oregon.....	7,823.7	1,089.5	10,446.2	52,214,922	9,091,369	61,306,291
Pennsylvania.....	275.5	150.3	277.8	3,561,485	58,844	3,620,328
Puerto Rico.....	50.6	17.2	69.1	3,128,271	86,055	3,214,326
South Carolina.....	636.8	68.3	20.2	3,597,769	86,197	3,683,966
South Dakota.....	544.9	162.1	113.8	3,795,536	251,712	4,047,243
Tennessee.....	618.9	229.2	784.0	5,926,831	396,703	6,323,534
Texas.....	612.8	98.7		3,727,819	35,409	3,763,223
Utah.....	2,804.1	413.7	4,540.8	15,287,535	1,455,681	16,743,216
Vermont.....	39.5	13.7	25.2	1,374,334	2,512	1,376,846
Virginia.....	641.7	139.1	1,726.1	6,649,970	204,956	6,854,926
Washington.....	3,668.7	682.4	10,478.8	33,393,926	1,828,036	35,221,962
West Virginia.....	710.1	46.6	1,014.2	5,941,718	72,762	6,014,480
Wisconsin.....	1,553.2	592.1		4,346,826	36,165	4,382,991
Wyoming.....	1,551.0	202.5	4,064.5	13,894,110	429,234	14,323,344
Total.....	69,081.3	11,639.6	113,772.2	484,921,675	31,677,590	516,599,265

Forest Service.

TABLE 774.—National forest, purchase unit, experimental, and land-utilization areas, by regions, June 30, 1947

Unit <sup>1</sup>	Number of units	Gross area	Area not under Forest Service administration	Area under Forest Service administration		
				Acquired	Approved for acquisition but unacquired	Total
		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
United States and Territories <sup>2 3</sup>		228,810,442	48,546,188	179,314,756	949,498	180,264,254
National forests	153	218,997,568	39,909,377	178,165,104	923,087	179,088,191
Purchase units <sup>2</sup>	43	9,192,293	8,527,422	638,460	26,411	664,871
Experimental areas <sup>3</sup>	14	336,022	19,090	316,932		316,932
Land-utilization and other areas		284,559	90,269	194,260		194,260

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Region 1		27,831,542	3,269,943	24,305,028	256,571	24,561,599
National forests	17	27,831,542	3,269,943	24,305,028	256,571	24,561,599
Region 2		21,912,087	2,206,459	19,690,260	15,368	19,705,628
National forests	18	21,861,999	2,165,689	19,680,942	15,368	19,696,310
Land-utilization areas		50,088	40,770	9,318		9,318
Region 3		22,416,283	1,980,417	20,401,513	34,353	20,435,866
National forests	13	22,006,013	1,930,738	20,040,922	34,353	20,075,275
Experimental areas	3	246,886	4,097	242,789		242,789
Land-utilization and other areas		163,384	45,582	117,802		117,802
Region 4		32,802,713	2,152,539	30,644,076	6,098	30,650,174
National forests	21	32,694,540	2,125,917	30,562,525	6,098	30,568,623
Purchase units	2	31,114	26,622	4,492		4,492
Experimental areas	1	55,625		55,625		55,625
Land-utilization areas		21,434		21,434		21,434
Region 5		24,110,506	5,016,902	19,028,585	65,019	19,093,604
National forests	18	23,154,518	4,168,263	18,921,236	65,019	18,986,255
Purchase units	4	950,874	848,639	102,235		102,235
Experimental areas	2	4,714		4,714		4,714
Other areas		400		400		400
Region 6		26,886,030	3,614,655	23,224,184	47,191	23,271,375
National forests	19	26,865,447	3,610,035	23,208,221	47,191	23,255,412
Purchase units	2	20,583	4,620	15,963		15,963
Region 7		10,370,892	6,195,766	4,089,364	85,762	4,175,126
National forests	7	9,347,681	5,219,270	4,042,649	85,762	4,128,411
Purchase units	4	997,321	961,503	35,818		35,818
Experimental areas	5	25,890	14,993	10,897		10,897
Region 8		21,654,949	12,313,094	9,166,671	175,184	9,341,855
National forests	24	18,861,291	9,638,526	9,048,317	174,448	9,222,765
Purchase units	12	2,790,761	2,674,568	115,457	736	116,193
Experimental areas	2	2,897		2,897		2,897
Region 9		19,756,041	11,607,256	7,885,429	263,356	8,148,785
National forests	13	15,425,343	7,701,086	7,485,980	238,277	7,724,257
Purchase units	18	4,281,435	3,902,223	354,133	25,079	379,212
Experimental areas	1	10		10		10
Land-utilization areas		49,253	3,947	45,306		45,306
Region 10		20,883,244	35,097	20,848,147		20,848,147
National forests	2	20,883,244	35,097	20,848,147		20,848,147
TROPICAL FORESTRY UNIT		186,155	154,060	31,499	596	32,095
National forests	1	65,950	44,813	21,137		21,137
Purchase units	1	120,205	109,247	10,362	596	10,958

<sup>1</sup> Definition of units:

*National forests:*—Areas established as national forests by Act of Congress or Presidential proclamation. Acreages shown as under Forest Service administration include small administrative sites outside of proclaimed boundaries, and those portions of land-utilization projects and other areas over which the Forest Service has supervision located within the national forest boundaries. Land-utilization and other areas located outside the national forests and under Forest Service supervision are not included; such areas being listed under the classification "Land-utilization and other areas".

*Purchase units:*—Areas established by the Secretary of Agriculture with the concurrence of the National Forest Reservation Commission but not formalized by Act of Congress or Presidential Proclamation. Acreages shown under Forest Service administration include all administrative sites outside the established boundaries, and those portions of the land-utilization projects and other areas over which the Forest Service has supervision located within the established purchase unit boundaries. Land-utilization and other areas located outside the boundaries and under Forest Service supervision are not included; such areas being listed under the classification "Land-utilization and other areas".

*Experimental areas:*—Areas outside of the exterior boundaries of national forests or purchase units which have been reserved and dedicated to forest or range research and experimentation by Executive Order or other authorized administrative action. Massabesic Experimental Forest in Maine and the McNeill Division of the Harrison Experimental Forest in Mississippi, which have both purchase-unit and experimental status, are only included in the experimental-area summaries. Land-utilization and other areas: Lands acquired by the United States in pursuance of certain national programs of land utilization and adjustment, which by Order of the Secretary of Agri-

TABLE 775.—Number of fires, area burned over, and forest area on national forest lands, continental United States including Alaska; and on protected and unprotected forest areas on State and private lands, continental United States and Hawaii, 1929-47

Calendar year	National forest lands <sup>1</sup>			State and private forest lands <sup>2</sup>					
	Fires <sup>2</sup>	Area burned over	National forest area under Forest Service administration	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1929.....	6,221	978	159,738	44,076	4,876	-----	90,819	41,354	-----
1930.....	7,041	265	160,078	70,832	5,809	-----	120,148	46,457	-----
1931.....	6,984	640	160,775	56,448	5,854	-----	125,040	45,200	-----
1932.....	5,612	422	161,348	55,563	3,234	219,948	105,899	38,410	194,771
1933.....	5,243	160	161,997	48,754	3,342	219,058	87,435	40,167	193,187
1934.....	9,299	646	162,578	61,246	3,514	235,577	93,345	37,648	189,280
1935.....	9,349	242	163,297	54,580	2,311	240,827	77,743	27,796	184,718
1936.....	14,868	437	165,965	73,706	3,792	250,454	141,432	38,990	175,003
1937.....	10,402	103	174,381	54,292	1,254	256,248	121,449	20,637	161,949
1938.....	11,628	219	175,213	76,323	2,623	267,415	146,030	30,876	144,374
1939.....	13,797	356	176,469	85,657	3,266	276,362	114,638	26,660	148,812
1940.....	14,744	318	176,753	73,518	2,930	279,149	107,824	22,432	146,749
1941.....	10,338	251	177,626	80,983	3,137	279,517	108,706	22,830	143,743
1942.....	10,580	498	178,313	75,843	3,863	288,371	122,428	27,415	136,687
1943.....	10,617	320	178,477	78,815	3,860	299,334	121,619	27,715	131,275
1944.....	9,720	284	179,069	56,148	2,301	301,228	66,096	13,873	129,919
1945.....	8,851	231	179,349	48,176	2,456	302,942	68,013	14,780	126,959
1946.....	10,661	197	179,695	66,103	2,253	318,505	96,505	18,117	120,489
1947.....	9,967	254	180,232	71,442	2,814	327,968	120,429	20,093	111,026

<sup>1</sup> Including Alaska.

<sup>2</sup> Fires originating on protected land inside national forest boundaries.

<sup>3</sup> Excluding Alaska. Data reported to the Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. The figures are as complete as could be compiled from the reports.

Forest Service.

TABLE 776.—Expenditures for forest fire protection on State and private forest lands, continental United States, including Hawaii but excluding Alaska, fiscal years ended June 30, 1929-47

Fiscal year	Federal contribution <sup>1</sup>	State and county expenditure	Private agencies expenditure	Total	Fiscal year	Federal contribution <sup>1</sup>	State and county expenditure	Private agencies expenditure	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929.....	1,146	2,120	923	4,189	1939.....	1,958	4,725	1,892	8,575
1930.....	1,327	2,886	1,232	5,445	1940.....	2,155	5,155	2,045	9,355
1931.....	1,620	3,910	1,101	6,631	1941.....	2,147	5,087	2,212	9,446
1932.....	1,654	3,276	1,094	6,024	1942.....	2,700	6,272	2,193	11,165
1933.....	1,528	2,493	649	4,670	1943.....	4,624	6,722	2,406	13,752
1934.....	1,534	2,966	829	5,329	1944.....	5,870	6,351	1,719	13,960
1935.....	1,533	2,936	1,196	5,665	1945.....	5,925	6,562	2,114	14,601
1936.....	1,529	2,671	1,123	5,323	1946.....	7,012	7,498	2,389	16,899
1937.....	1,604	4,152	1,228	6,984	1947.....	7,889	9,478	2,236	19,603
1938.....	1,604	4,014	1,433	7,051					

<sup>1</sup> Provided by the Clarke-McNary law, Act of June 7, 1924, and emergency fire-control programs. Forest Service.

FOOTNOTES FOR TABLE 774—Continued

culture have been placed under the administration of the Forest Service but have not yet been given a national forest status. The portions of these project lands located within the established national forest or purchase unit boundaries, are included as part of the national forest or purchase unit acreage. The Fort Bayard Reservation, New Mexico, was placed under the administration of the Forest Service by the Federal Works Agency.

<sup>2</sup> Does not include lands within certain State forests in Michigan which have been acquired by the United States with intent to exchange them for State lands within the national forests.

<sup>3</sup> Exclusive of 1,890 acres of the Beltsville Research Center of the Department of Agriculture, assigned to the Forest Service for use as an experimental area.

Forest Service.

TABLE 777.—Expenditures for forest fire protection on State and private forest lands, by States, fiscal year ended June 30, 1947

State or Territory	Federal contribution <sup>1</sup>	State and county expenditure	Private agencies expenditure	Total	State or Territory	Federal contribution <sup>1</sup>	State and county expenditure	Private agencies expenditure	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Alabama.....	228	428	48	704	Montana.....	76	20	103	199
Arkansas.....	157	102	85	344	Nevada.....	10	8	3	21
California.....	1,081	1,782	2,863	5,726	New Hampshire.....	57	48	18	123
Colorado.....	35	19	17	71	New Jersey.....	137	164	301	602
Connecticut.....	57	57	114	228	New Mexico.....	8	5	5	18
Delaware.....	6	7	13	26	New York.....	245	281	526	1,052
Florida.....	382	325	352	1,059	North Carolina.....	183	293	19	495
Georgia.....	209	82	128	419	Ohio.....	69	78	147	394
Hawaii.....	4	3	7	14	Oklahoma.....	43	22	21	86
Idaho.....	141	102	144	387	Oregon.....	765	494	689	1,948
Illinois.....	19	20	39	78	Pennsylvania.....	235	277	512	1,024
Indiana.....	44	106	150	299	Rhode Island.....	30	30	60	120
Iowa.....	7	11	18	36	South Carolina.....	330	554	1	885
Kentucky.....	67	77	3	147	South Dakota.....	5	49	8	61
Louisiana.....	203	227	71	501	Tennessee.....	95	100	203	498
Maine.....	158	265	423	846	Texas.....	131	141	35	307
Maryland.....	82	163	245	489	Utah.....	14	33	47	94
Massachusetts.....	96	132	228	456	Vermont.....	28	29	3	60
Michigan.....	504	748	1,252	3,004	Virginia.....	173	195	1	369
Minnesota.....	302	385	687	1,374	Washington.....	768	432	482	1,682
Mississippi.....	162	246	408	716	West Virginia.....	142	320	462	924
Missouri.....	102	254	356	712	Wisconsin.....	299	364	663	1,326
					Total.....	7,889	9,478	2,236	19,603

<sup>1</sup> Provided by the Clarke-McNary law, Act of June 7, 1924, and emergency fire-control programs. Forest Service.

TABLE 778.—Volume and value of timber cut on national forests and value of all forest products, United States, fiscal years ended June 30, 1929-47

Fiscal year	Total timber cut <sup>1</sup>		Value of miscellaneous forest products <sup>2</sup>	Total value, including free-use timber	Fiscal year	Total timber cut <sup>1</sup>		Value of miscellaneous forest products <sup>2</sup>	Total value, including free-use timber
	Volume	Value				Volume	Value		
	<i>Million ft. b.m.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Million ft. b.m.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929.....	1,497	4,328	31	4,456	1939.....	1,291	3,375	52	3,687
1930.....	1,653	4,790	23	4,930	1940.....	1,740	4,807	57	5,168
1931.....	1,222	3,348	17	3,527	1941.....	2,067	5,762	62	6,084
1932.....	612	1,519	21	1,767	1942.....	2,205	6,109	79	6,429
1933.....	474	1,077	19	1,333	1943.....	2,359	8,672	60	8,907
1934.....	675	1,609	26	1,845	1944.....	3,333	14,155	150	14,517
1935.....	752	1,938	41	2,260	1945.....	3,145	13,016	104	13,291
1936.....	1,021	2,590	30	2,892	1946.....	2,730	11,494	150	11,811
1937.....	1,291	3,189	39	3,505	1947.....	3,835	14,955	183	16,780
1938.....	1,288	3,209	52	3,539					

<sup>1</sup> Commercial and cost sales and land exchange.

<sup>2</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish Moss, etc.

Forest Service. Data for 1905-28 in Agricultural Statistics, 1944, table 631.

TABLE 779.—*Number and costs of forest trees planted on farm lands, United States, 1929-47*

Year (as specified)	Forest trees planted on farm lands during calendar year shown	Costs during year ended June 30			Year (as specified)	Forest trees planted on farm lands during calendar year shown	Costs during year ended June 30		
		Federal contribution <sup>1</sup>	State expendi- ture	Total			Federal contribution <sup>1</sup>	State expendi- ture	Total
	1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars		1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	25,000	75	295	370	1939.....	64,213	97	301	398
1930.....	26,000	81	322	403	1940.....	87,468	140	384	524
1931.....	25,000	91	248	339	1941.....	97,650	113	413	526
1932.....	23,500	94	204	298	1942.....	74,219	115	412	527
1933.....	21,970	77	196	273	1943.....	46,350	115	333	448
1934.....	20,208	53	146	199	1944.....	37,980	119	344	463
1935.....	26,150	55	151	206	1945.....	37,743	114	458	572
1936.....	35,648	55	196	251	1946.....	43,588	113	524	637
1937.....	41,698	71	251	321	1947.....	42,347	117	769	886
1938.....	55,360	70	295	365					

<sup>1</sup> Provided by the Clarke-McNary law, Act of June 7, 1924, and the Norris-Doxey law, Act of May 18, 1937.

Forest Service.

TABLE 780.—*Number of forest trees planted on farm lands during 1947, with costs during fiscal year ended June 30, 1947, by States*

State or Territory	Forest trees planted on farm land during calendar year 1947	Cost during year ended June 30, 1947			State or Territory	Forest trees planted on farm land during calendar year 1947	Cost during year ended June 30, 1947		
		Federal contribution <sup>1</sup>	State expendi- ture	Total			Federal contribution <sup>1</sup>	State expendi- ture	Total
	1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars		1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars
Alabama.....	599	3	8	11	New Hampshire.....	259	3	5	8
Arkansas.....	409	3	20	23	New Jersey.....	459	3	21	24
Colorado.....	178	2	6	8	New York.....	4,891	4	70	74
Delaware.....	31	1	2	3	North Carolina.....	1,090	3	13	16
Florida.....	322	3	21	24	North Dakota.....	531	3	15	18
Georgia.....	3,741	3	36	39	Ohio.....	1,896	3	28	31
Hawaii.....	31	3	6	9	Oklahoma.....	386	2	17	19
Idaho.....	164	2	5	7	Oregon.....	434	3	4	7
Illinois.....	1,905	3	32	35	Pennsylvania.....	2,705	3	45	48
Indiana.....	1,819	3	51	54	Puerto Rico.....	2,729	3	30	33
Iowa.....	250	3	15	18	South Carolina.....	1,368	3	36	39
Kansas.....	772	3	15	18	South Dakota.....	592	2	14	16
Kentucky.....	385	2	4	6	Tennessee.....	625	2	7	9
Louisiana.....	129	3	11	14	Texas.....	1,201	3	17	20
Maine.....	30	-----	1	1	Utah.....	104	2	2	4
Maryland.....	122	3	6	9	Vermont.....	396	3	10	13
Massachusetts.....	384	2	20	22	Virginia.....	561	3	8	11
Michigan.....	2,061	3	20	23	Washington.....	115	3	13	16
Mississippi.....	1,396	3	30	33	West Virginia.....	232	3	17	20
Missouri.....	1,182	3	16	19	Wisconsin.....	4,202	4	36	40
Montana.....	262	3	9	12	Wyoming.....	105	1	7	8
Nebraska.....	1,294	4	20	24	Total.....	42,347	117	769	886

<sup>1</sup> Provided by the Clarke-McNary law, Act of June 7, 1924, and the Norris-Doxey law, Act of May 18, 1937.

Forest Service.



TABLE 781.—*Number of livestock under pay-permit on the national forests by calendar years, and grazing receipts by fiscal years ended June 30, United States, 1929-47*<sup>1</sup>

Year	Cattle	Horses	Swine	Sheep	Goats	Receipts from grazing, fiscal year
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Dollars</i>
1929.....	1,322,465	48,171	853	6,650,719	15,487	1,740,290
1930.....	1,315,882	41,961	540	6,700,846	13,496	1,942,914
1931.....	1,338,373	37,335	431	6,593,583	14,645	1,960,642
1932.....	1,361,160	35,105	528	6,308,500	12,438	829,960
1933.....	1,366,538	31,797	533	6,150,921	11,045	1,498,209
1934.....	1,389,387	29,549	314	6,152,244	9,124	1,358,688
1935.....	1,315,233	29,085	292	5,681,938	9,148	1,151,150
1936.....	1,282,540	28,268	159	5,636,937	8,113	1,441,493
1937.....	1,254,425	29,499	241	5,477,351	7,603	1,580,345
1938.....	1,220,532	29,543	126	5,300,140	7,160	1,696,457
1939.....	1,180,971	27,897	220	5,125,642	5,965	1,573,912
1940.....	1,147,539	29,452	184	4,943,131	6,065	1,463,127
1941.....	1,175,749	-----	108	4,787,369	-----	1,429,091
1942.....	1,191,218	-----	-----	4,758,038	-----	1,595,126
1943.....	1,211,568	-----	572	4,538,660	-----	1,973,233
1944.....	1,225,254	-----	256	4,280,370	-----	2,458,946
1945.....	1,206,227	-----	105	3,888,839	-----	2,158,626
1946.....	1,203,201	-----	139	3,712,981	-----	2,059,676
1947.....	1,246,626	-----	-----	3,409,307	-----	2,293,773

<sup>1</sup> Animals under 6 months of age not counted; no pay-permit required for animals under 6 months of age.

Forest Service. Data for 1905-28 in the Yearbook of Agriculture, 1935, table 509.

TABLE 782.—*Number of livestock under pay-permit on the national forests in 1947, and grazing receipts by fiscal year ended June 30, 1947, by States*

State or Territory	Livestock under pay-permit <sup>1</sup>		Receipts from grazing, fiscal year <sup>2</sup>	State or Territory	Livestock under pay-permit <sup>1</sup>		Receipts from grazing, fiscal year <sup>2</sup>
	Cattle and horses	Sheep and goats			Cattle and horses	Sheep and goats	
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>		<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
Alabama.....	304	-----	-----	New Hampshire.....	22	-----	-----
Alaska.....	116	11	-----	New Mexico.....	90,426	117,652	150
Arizona.....	145,760	107,573	262	North Carolina.....	482	150	-----
Arkansas.....	39,795	-----	2	Ohio.....	157	-----	-----
California.....	121,861	151,740	202	Oklahoma.....	5,000	-----	-----
Colorado.....	177,993	666,096	369	Oregon.....	72,230	190,921	155
Florida.....	1,928	30	1	Pennsylvania.....	28	-----	-----
Georgia.....	575	50	-----	South Carolina.....	1,055	-----	-----
Idaho.....	114,296	663,919	255	South Dakota.....	26,064	17,766	34
Illinois.....	861	2,000	-----	Tennessee.....	363	-----	-----
Indiana.....	44	26	-----	Texas.....	1,295	-----	1
Louisiana.....	1,693	-----	1	Utah.....	115,451	525,677	265
Maine.....	3	-----	-----	Vermont.....	82	9	-----
Michigan.....	2,458	321	-----	Virginia.....	407	188	-----
Minnesota.....	525	42	-----	Washington.....	20,813	52,748	41
Mississippi.....	1,139	-----	-----	West Virginia.....	2,106	1,765	3
Missouri.....	7,776	87	4	Wisconsin.....	576	32	-----
Montana.....	115,282	292,753	217	Wyoming.....	108,102	475,155	207
Nebraska.....	12,302	-----	23	Total.....	1,246,626	3,409,307	2,294
Nevada.....	57,256	142,596	102				

<sup>1</sup> Animals under 6 months of age not counted; no pay-permit required for animals under 6 months of age.

<sup>2</sup> Includes grazing trespass.

Forest Service.

TABLE 783.—Receipts from national forests, United States, fiscal years ended June 30, 1929-47

Fiscal year	From the use of timber (commercial and cost sales)	From the use of grazing	From special land uses, water power, etc.	Total	Fiscal year	From the use of timber (commercial and cost sales)	From the use of grazing	From special land uses, water power, etc.	Total
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1929----	4, 108, 595	1, 740, 290	450, 917	6, 299, 802	1939----	2, 857, 211	1, 573, 912	472, 254	4, 903, 377
1930----	4, 389, 893	1, 942, 914	418, 746	6, 751, 553	1940----	3, 943, 022	1, 463, 127	453, 035	5, 859, 184
1931----	2, 607, 618	1, 960, 642	425, 060	4, 993, 320	1941----	4, 789, 024	1, 429, 091	463, 710	6, 681, 825
1932----	1, 049, 108	829, 960	415, 180	2, 294, 248	1942----	5, 094, 241	1, 595, 126	475, 523	7, 164, 890
1933----	782, 808	1, 498, 209	345, 032	2, 626, 049	1943----	7, 610, 088	1, 973, 233	473, 071	10, 056, 392
1934----	1, 522, 356	1, 358, 688	433, 647	3, 314, 691	1944----	12, 622, 949	2, 458, 946	535, 045	15, 616, 940
1935----	1, 729, 037	1, 151, 153	408, 410	3, 288, 600	1945----	11, 586, 908	2, 158, 626	2, 302, 401	16, 047, 935
1936----	2, 203, 237	1, 441, 493	418, 233	4, 062, 963	1946----	10, 554, 312	2, 059, 676	1, 261, 083	13, 875, 071
1937----	2, 924, 471	1, 580, 345	431, 367	4, 936, 183	1947----	15, 420, 902	2, 293, 773	658, 124	18, 372, 799
1938----	2, 517, 659	1, 696, 457	457, 018	4, 671, 134					

Forest Service. Data for 1905-28 in Agricultural Statistics, 1944, table 636.

TABLE 784.—Payments<sup>1</sup> to States and Territories from receipts of the preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests, fiscal years ended June 30, 1946, 1947, and 1948

State or Territory	1946	1947	1948	State or Territory	1946	1947	1948
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Alabama-----	33, 856	29, 449	33, 577	New Hampshire-----	22, 561	28, 173	19, 218
Alaska-----	25, 381	13, 923	37, 197	New Mexico-----	77, 371	76, 008	107, 745
Arizona-----	142, 838	157, 146	196, 449	North Carolina-----	66, 520	46, 597	53, 006
Arkansas-----	200, 814	145, 276	160, 294	North Dakota-----	18	35	32
California-----	364, 102	414, 466	474, 414	Ohio-----	6, 653	7, 215	1, 970
Colorado-----	143, 348	146, 749	182, 501	Oklahoma-----	19, 901	11, 597	10, 994
Florida-----	57, 015	45, 632	52, 272	Oregon-----	600, 149	559, 280	938, 871
Georgia-----	27, 347	34, 108	56, 154	Pennsylvania-----	20, 523	24, 171	25, 960
Idaho-----	220, 763	209, 827	304, 131	Puerto Rico-----	6, 037	6, 458	4, 215
Illinois-----	9, 389	9, 237	9, 107	South Carolina-----	54, 410	42, 951	66, 399
Indiana-----	1, 060	621	1, 100	South Dakota-----	41, 184	47, 322	72, 357
Iowa-----	337	376	369	Tennessee-----	27, 491	34, 172	30, 988
Kentucky-----	24, 526	27, 380	23, 274	Texas-----	101, 407	109, 929	102, 837
Louisiana-----	49, 931	39, 270	42, 789	Utah-----	76, 640	63, 372	91, 787
Maine-----	1, 570	1, 020	1, 343	Vermont-----	17, 996	14, 934	26, 415
Michigan-----	39, 284	56, 258	61, 739	Virginia-----	23, 271	30, 269	35, 067
Minnesota-----	52, 247	60, 371	78, 306	Washington-----	639, 086	398, 089	737, 852
Mississippi-----	504, 736	229, 869	102, 605	West Virginia-----	20, 554	22, 550	27, 766
Missouri-----	11, 609	15, 049	14, 732	Wisconsin-----	23, 794	27, 679	32, 636
Montana-----	138, 363	134, 726	195, 716	Wyoming-----	77, 171	74, 065	101, 339
Nebraska-----	6, 472	5, 344	5, 822				
Nevada-----	25, 306	22, 567	25, 331	Total-----	4, 003, 031	3, 424, 430	4, 546, 724

<sup>1</sup> Payments are 25 percent of the receipts of the preceding fiscal year from national forests, under Act of May 23, 1908.

Forest Service.

TABLE 785.—Estimated number and kill by hunters of big game animals, number of hunter-fisherman users, and miles and acres of fishing waters on the national forests of continental United States and Alaska, by States, 1947, and totals for 1941-47

State or Territory	Big game <sup>1</sup>		Big game killed by hunters		Hunter-fisherman users	Fishing streams	Fishing lakes
	Deer	Others <sup>2</sup>	Deer	Others <sup>2</sup>			
	Number	Number	Number	Number			
Alabama.....	3,600	---	90	---	23,000	396	379
Alaska.....	39,000	24,500	4,900	850	11,500	---	---
Arizona.....	63,000	23,400	4,830	1,000	99,000	400	26,000
Arkansas.....	13,000	160	780	---	41,700	802	381
California.....	432,000	19,300	30,000	780	986,000	11,708	205,013
Colorado.....	167,000	36,600	28,000	9,100	267,000	7,649	19,995
Florida.....	6,000	400	2,200	20	31,000	310	20,985
Georgia.....	4,500	30	100	---	17,500	898	8,542
Idaho.....	145,000	58,400	18,500	7,800	386,000	9,977	46,623
Illinois.....	100	---	---	---	22,000	453	8,000
Indiana.....	1,500	---	---	---	19,000	---	---
Kentucky.....	---	---	---	---	13,000	330	---
Louisiana.....	900	---	130	---	13,600	179	4,610
Maine.....	800	50	300	20	1,500	39	130
Michigan.....	172,000	2,500	22,000	210	191,000	4,139	100,000
Minnesota.....	106,000	5,000	14,000	580	154,000	1,350	640,000
Mississippi.....	1,400	---	240	---	39,800	602	443
Missouri.....	17,000	---	330	---	64,800	1,302	30,000
Montana.....	116,000	48,600	9,500	7,300	286,000	8,335	45,417
Nebraska.....	300	---	---	---	---	---	---
Nevada.....	61,000	1,100	4,500	70	24,800	1,015	38,150
New Hampshire.....	2,000	400	270	40	7,200	532	1,080
New Mexico.....	66,200	6,200	4,200	380	73,000	1,000	91
North Carolina.....	8,300	630	590	100	57,500	1,035	14,614
Ohio.....	200	---	---	---	22,000	---	---
Oklahoma.....	300	---	80	---	6,000	85	85
Oregon.....	153,000	21,000	14,800	2,500	410,000	5,403	45,182
Pennsylvania.....	11,000	300	3,000	20	136,000	580	62
South Carolina.....	1,500	---	500	---	13,000	463	36
South Dakota.....	22,300	3,450	5,400	130	48,200	250	631
Tennessee.....	4,000	1,300	160	80	24,000	137	1,627
Texas.....	3,500	---	900	---	10,700	445	772
Utah.....	175,000	5,730	37,000	1,120	327,000	2,461	15,544
Vermont.....	3,700	250	330	40	14,400	464	2,535
Virginia.....	18,000	1,100	1,400	110	116,000	691	28
Washington.....	85,800	26,300	9,170	3,500	407,000	4,521	34,220
West Virginia.....	18,000	1,000	1,600	120	72,000	1,939	---
Wisconsin.....	94,000	1,000	5,300	230	106,800	1,164	40,000
Wyoming.....	52,100	44,300	7,600	7,300	112,000	3,599	78,039
Total: 1947.....	2,069,000	333,000	232,700	43,400	4,655,000	74,653	1,429,214
1946.....	1,989,000	315,000	217,520	42,800	4,133,000	74,653	1,429,214
1945.....	1,953,000	308,000	176,200	31,180	3,019,000	74,753	1,429,214
1944.....	1,941,000	292,100	162,330	25,340	2,297,000	74,753	1,429,214
1943.....	1,901,000	301,400	187,610	34,100	2,277,000	74,753	1,429,214
1942.....	1,956,000	290,500	192,970	37,640	2,636,000	74,653	1,429,214
1941.....	1,865,000	280,900	183,980	25,660	3,546,000	74,653	1,429,214

<sup>1</sup> Inventory numbers as of Dec. 31, 1947.

<sup>2</sup> Includes antelope, bear, elk, moose, mountain goat, big horn, peccary, and wild boars.

Forest Service.

TABLE 786.—Lumber production and average prices,<sup>1</sup> United States, 1929-47

Year	Total		Softwoods		Hardwoods	
	Quantity	Average price	Quantity	Average price	Quantity	Average price
	<i>1,000 ft. b.m.</i>	<i>Dollars</i>	<i>1,000 ft. b.m.</i>	<i>Dollars</i>	<i>1,000 ft. b.m.</i>	<i>Dollars</i>
1929	38,745,275	26.94	30,836,328	24.31	7,908,947	38.04
1930	29,358,021	22.81	23,228,096	20.88	6,129,925	31.49
1931	19,997,432	18.56	15,886,696	16.74	4,110,736	28.00
1932	13,523,742	15.12	10,801,823	13.94	2,721,919	22.45
1933	17,150,575	18.55	13,785,975	16.94	3,364,600	27.81
1934	18,826,306	21.47	14,617,862	20.05	4,208,444	28.01
1935	22,943,833	20.43	18,195,665	19.08	4,748,168	27.09
1936	27,626,440	22.20	22,025,168	21.03	5,601,272	27.92
1937	29,003,953	24.25	23,148,214	22.97	5,855,739	30.49
1938	24,825,497	21.45	19,954,881	20.42	4,870,616	27.09
1939	28,754,615	21.97	23,290,698	20.97	5,463,917	27.66
1940	31,159,126	23.32	25,622,110	22.48	5,537,016	28.47
1941	36,537,629	28.09	29,866,602	27.26	6,671,027	32.34
1942	36,332,248	31.50	29,510,184	30.73	6,822,064	34.87
1943	34,288,757	36.86	26,917,342	35.57	7,371,415	41.57
1944	32,937,549	( <sup>2</sup> )	25,159,695	( <sup>2</sup> )	7,777,854	( <sup>2</sup> )
1945	28,122,344	( <sup>2</sup> )	21,139,872	( <sup>2</sup> )	6,982,472	( <sup>2</sup> )
1946	36,382,550	( <sup>2</sup> )	26,547,861	( <sup>2</sup> )	9,834,689	( <sup>2</sup> )
1947	38,000,000	( <sup>2</sup> )	27,800,000	( <sup>2</sup> )	10,200,000	( <sup>2</sup> )

<sup>1</sup> Per 1,000 feet, board measure, f.o.b. mill.<sup>2</sup> Data not available.<sup>3</sup> Estimates, subject to revision.

Forest Service. Data for 1799-1928 in Agricultural Statistics, 1947, table 758.

TABLE 787.—Pulpwood consumption, wood-pulp production, and paper and paper-board production and consumption, United States, 1929-47

Year	Pulpwood consumption	Wood-pulp production	Paper and paperboard		
			Production	Estimated total consumption or new supply <sup>1</sup>	Per capita consumption
	<i>Cords</i> <sup>2</sup>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Pounds</i>
1929	7,645,011	4,862,885	11,140,235	13,414,033	220.2
1930	7,195,524	4,630,308	10,169,140	12,309,279	200.4
1931	6,722,766	4,409,344	9,381,840	11,340,686	182.8
1932	5,633,123	3,760,267	7,997,872	9,717,581	155.6
1933	6,581,674	4,276,204	9,190,017	10,901,526	173.6
1934	6,796,659	4,436,128	9,186,598	11,283,351	178.4
1935	7,628,274	4,925,669	10,479,095	12,650,357	198.8
1936	8,715,916	5,695,219	11,975,552	14,643,735	223.6
1937	10,393,800	6,572,918	12,837,003	16,027,993	248.8
1938	9,193,991	5,933,560	11,380,814	13,525,739	208.2
1939	10,816,466	6,993,334	13,509,642	15,948,557	243.6
1940	13,742,958	8,959,559	14,483,709	16,747,980	254.2
1941	16,579,000	10,375,422	17,762,365	20,421,466	306.6
1942	17,275,000	10,783,430	17,083,862	19,779,838	293.6
1943	15,000,000	9,680,462	17,035,688	19,436,384	284.8
1944	16,123,000	10,108,443	17,182,804	19,445,164	285.8
1945	16,154,000	10,167,200	17,370,965	19,665,487	281.6
1946	17,817,560	10,606,527	19,277,667	22,509,788	319.3
1947	19,714,229	11,951,548	21,028,898	24,675,666	342.7

<sup>1</sup> Production, plus imports and minus exports. Changes in inventories not taken into account.<sup>2</sup> 128 cubic feet.<sup>3</sup> Preliminary.

Forest Service. Compiled from Bureau of the Census and Forest Service bulletins, and from reports of the Forest Products Bureau, War Production Board. Also from "Wood Pulp Statistics," United States Pulp Producers Association, July 1948, and "The Statistics of Paper," American Paper and Pulp Association, July 1946, and "The Statistics of Paper," American Paper and Pulp Association, March 1947.

Data for 1899-1928 in Agricultural Statistics, 1947, table 760.

TABLE 788.—Lumber production, by States, 1943-46

State	1943	1944	1945	1946	State	1943	1944	1945	1946
	<i>Million ft. b.m.</i>	<i>Million ft. b.m.</i>	<i>Million ft. b.m.</i>	<i>Million ft. b.m.</i>		<i>Million ft. b.m.</i>	<i>Million ft. b.m.</i>	<i>Million ft. b.m.</i>	<i>Million ft. b.m.</i>
Maine.....	288	402	374	691	South Carolina.....	1,001	902	727	994
New Hampshire.....	392	357	290	382	Georgia.....	1,857	1,408	1,510	1,982
Vermont.....	138	188	195	261	Florida.....	507	445	484	593
Massachusetts.....	96	109	89	111	South Atlantic.....	6,852	6,188	5,545	7,480
Rhode Island.....	3	5	2	6	Kentucky.....	531	506	422	580
Connecticut.....	21	27	17	30	Tennessee.....	768	788	627	893
New England.....	938	1,088	967	1,481	Alabama.....	2,142	1,730	1,585	2,158
New York.....	271	318	284	656	Mississippi.....	1,634	1,332	1,313	1,542
New Jersey.....	30	26	31	35	E. S. Central.....	5,075	4,356	3,947	5,173
Pennsylvania.....	447	499	464	682	Arkansas.....	1,450	<sup>2</sup> 1,262	<sup>2</sup> 1,090	1,245
Middle Atlantic.....	748	843	779	1,373	Louisiana.....	1,082	940	1,024	1,060
Ohio.....	276	263	256	411	Oklahoma.....	96			88
Indiana.....	156	176	147	264	Texas.....	1,129	1,090	933	1,340
Illinois.....	92	102	66	167	W. S. Central.....	3,757	3,292	3,047	3,733
Michigan.....	407	553	421	595	Montana.....	423	448	342	414
Wisconsin.....	391	433	316	409	Idaho.....	890	910	780	864
E. N. Central.....	1,322	1,527	1,206	1,846	Wyoming.....	48	59	54	64
Minnesota.....	196	242	186	260	Colorado.....	89	87	88	139
Iowa.....	54	57	73	91	New Mexico.....	109	105	99	144
Missouri.....	291	335	241	525	Arizona.....	152	172	158	241
South Dakota.....	45	43	45	53	Utah.....	27	29	29	50
Nebraska.....	8				Mountain.....	1,738	1,810	1,550	1,916
Kansas.....	21	<sup>1</sup> 16	<sup>1</sup> 14	<sup>1</sup> 20	Washington.....	4,490	4,350	3,258	3,422
W. N. Central.....	615	693	559	949	Oregon.....	6,401	6,322	5,003	6,327
Delaware.....	22	24	34	167	California <sup>3</sup> .....	2,353	2,469	2,261	2,681
Maryland.....	132	120	116	167	Pacific.....	13,244	13,141	10,522	12,430
Virginia.....	1,098	1,217	995	1,217	United States.....	34,289	32,938	28,122	36,383
West Virginia.....	655	631	476	891					
North Carolina.....	1,580	1,441	1,215	1,602					

<sup>1</sup> Includes the cut of Nebraska.<sup>2</sup> Includes the cut of Oklahoma.<sup>3</sup> Includes the cut of Nevada.

Forest Service. Data for 1943, 1944, and 1945 from Bureau of the Census with cooperation of the Forest Service and the Tennessee Valley Authority. 1946 data are Forest Service estimates, subject to revision.

TABLE 789.—*Turpentine and rosin: Reported industrial consumption, United States, average 1935-39, annual 1945-47*

Industry	Turpentine					Average, crop years 1935-39	Rosin		
	Average, crop years 1935-39	Crop year beginning Apr. 1—			Average, crop years 1935-39		Crop year beginning Apr. 1—		
		1945	1946	1947			1945	1946	1947
	<i>Barrels<sup>1</sup></i>	<i>Barrels<sup>1</sup></i>	<i>Barrels<sup>1</sup></i>	<i>Barrels<sup>1</sup></i>	<i>Drums<sup>2</sup></i>	<i>Drums<sup>2</sup></i>	<i>Drums<sup>2</sup></i>	<i>Drums<sup>2</sup></i>	
Abattoirs.....	0	0	0	0	1,862	455	590	618	
Adhesives and plastics.....	651	264	228	166	14,727	22,656	20,249	18,095	
Asphaltic products.....	2	0	56	499	1,061	1,727	1,622	1,632	
Automobiles and wagons.....	565	161	91	74	1,228	109	442	219	
Chemicals and pharmaceuticals <sup>3</sup> .....	22,495	107,078	91,332	96,878	84,470	272,303	344,207	350,103	
Ester gum and synthetic resins.....	4	16,945	14,444	17,178	87,698	250,835	268,406	257,929	
Foundries and foundry supplies.....	681	616	809	882	9,937	14,364	13,197	10,004	
Furniture.....	608	164	174	153	35	3	4	6	
Insecticides and disinfectants.....	481	16	15	25	3,632	5,407	5,170	3,388	
Linoleum and floor covering.....	79	36	3	1	24,237	9,602	20,209	33,532	
Matches.....	0	0	0	0	2,174	1,304	1,937	1,121	
Oils and greases.....	75	72	27	25	23,225	26,431	17,493	13,193	
Paint, varnish and lacquer.....	57,815	17,828	17,059	15,048	113,917	101,240	113,255	112,890	
Paper and paper size.....	0	0	0	0	285,136	274,022	341,772	347,162	
Printing ink.....	270	216	200	154	11,001	7,435	9,392	7,590	
Railroads and shipyards.....	4,468	8,518	6,360	4,910	509	17,747	8,827	4,653	
Rubber.....	339	629	899	357	2,722	21,234	26,288	17,741	
Shoe polish and shoe materials.....	11,089	11,336	8,652	4,143	7,472	5,604	5,362	5,166	
Soap.....	109	0	0	0	210,974	182,683	152,808	144,090	
Other industries.....	1,370	211	180	116	3,269	4,073	4,615	3,717	
Total.....	101,101	164,090	140,059	140,609	889,286	1,219,234	1,356,945	1,332,729	

<sup>1</sup> Barrels of 50 gallons.<sup>2</sup> Drums of 520 pounds net weight.<sup>3</sup> Beginning with the 1936 season, includes turpentine and rosin consumed in naval stores producer's plants in the production of unclassified derived products.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics.

TABLE 790.—*Gum naval stores: Prices and value, 1932-47*

Crop year beginning April—	Weighted average market price at Savannah			Season's market value of production <sup>3</sup>		
	Turpentine, per gallon <sup>1</sup>	Rosin, per 100 lb., net	Per unit <sup>2</sup>	Turpentine	Rosin	Turpentine and rosin
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1932.....	0.388	1.23	36.46	9,719	8,716	18,435
1933.....	.427	1.69	44.79	11,230	12,571	23,801
1934.....	.456	1.98	50.26	11,628	14,283	25,911
1935.....	.436	1.97	49.12	10,835	13,942	24,777
1936.....	.375	2.79	57.44	9,052	18,662	27,714
1937.....	.314	3.20	60.07	8,140	23,102	31,242
1938.....	.226	2.18	41.53	6,037	16,622	22,659
1939.....	.253	2.37	45.51	4,842	12,992	17,834
1940.....	.300	1.98	42.46	5,159	9,667	14,826
1941.....	.527	2.42	59.91	7,511	9,963	17,474
1942.....	.591	3.22	74.20	9,513	14,545	24,058
1943.....	.679	3.97	89.00	9,791	16,176	25,967
1944.....	.779	5.61	116.74	9,550	20,193	29,743
1945.....	.791	6.50	129.69	9,660	23,473	33,133
1946.....	.967	7.43	151.38	13,068	29,075	42,143
1947.....	.627	7.83	139.93	9,218	33,718	42,936

<sup>1</sup> Savannah market prices for turpentine include container through 1940 but are exclusive of container for 1941 and thereafter.

<sup>2</sup> Unit: one barrel (50 gallons) of turpentine plus 2 2/3 drums (520 pounds net each) of rosin.

<sup>3</sup> Season's market value represents total production of gum naval stores for each crop year, multiplied by the weighted average market price at Savannah.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics.

TABLE 791.—Turpentine: Supply and distribution, United States, 1938-47

Crop year beginning April—	SUPPLY										
	Stocks, Apr. 1			Production				Imports for consumption <sup>1</sup>		Total supply	
	Wood		Total	Gum		Wood		Total	Gum	Wood	Total
	Gum	Wood	Barrels <sup>2</sup>	Steam distilled	Sulfate	Destructively distilled	Total	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>
1938	174,206	44,508	218,774	129,091	40,467	5,369	174,927	16,319	724,816	219,495	944,311
1939	272,658	41,605	314,263	158,575	56,631	6,791	221,997	6,492	671,931	263,682	935,613
1940	167,943	52,324	220,267	343,788	54,081	7,161	222,403	16,688	528,369	274,727	803,296
1941	146,735	63,175	209,910	190,048	64,986	8,772	263,746	13,632	445,417	326,921	772,338
1942	86,448	69,921	156,369	321,930	84,484	5,771	238,421	11,288	419,666	308,342	728,008
1943	213,285	74,928	288,213	288,382	125,171	3,834	226,059	17,818	519,685	294,978	814,663
1944	262,057	33,524	295,581	117,265	104,307	4,477	226,419	15,382	522,633	259,573	782,206
1945	168,011	42,661	210,672	129,101	110,202	4,516	243,879	14,932	427,195	278,414	705,609
1946	58,988	34,561	93,549	107,659	127,491	4,549	299,699	15,849	344,223	342,360	686,583
1947	34,433	63,772	98,205	208,895	134,160	3,820	346,875	15,659	344,120	410,647	754,767

  

Crop year beginning April—	DISTRIBUTION													
	Exports <sup>1</sup>			Stocks, Mar. 31			Apparent consumption <sup>3</sup> (disappearance) <sup>3</sup>			Reported industrial consumption <sup>4</sup>			Unaccounted for <sup>5</sup>	
	Wood		Total	Gum		Total	Gum		Total	Gum		Total	Wood	Total
	Gum	Wood	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Wood	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>	Barrels <sup>2</sup>
1938	174,008	35,309	209,317	41,665	314,323	277,250	142,521	419,771	59,936	93,295	254,368	111,258	365,626	
1939	189,084	48,754	237,838	52,324	220,267	314,304	162,584	476,888	61,791	114,262	216,916	131,071	347,987	
1940	108,127	27,728	135,855	63,175	209,910	278,707	283,824	462,631	87,580	146,329	194,942	164,728	359,670	
1941	79,447	33,523	112,970	69,921	156,369	279,622	223,477	502,099	87,580	105,363	141,297	150,455	291,752	
1942	21,872	20,808	42,680	74,928	288,213	184,500	242,682	397,115	43,282	187,379	190,334	86,285	285,619	
1943	26,812	19,072	45,884	33,524	295,581	230,616	262,382	472,098	31,282	156,097	260,778	63,423	324,201	
1944	49,780	15,483	65,263	34,535	262,546	304,842	300,555	514,397	44,064	190,196	268,416	79,909	348,325	
1945	67,111	25,334	92,445	42,661	100,749	301,996	210,419	512,415	33,580	130,510	268,416	79,909	348,325	
1946	64,066	40,892	104,958	34,561	93,549	245,724	237,696	483,360	21,723	115,335	221,001	122,360	343,361	
1947	56,386	37,258	93,644	107,960	195,350	209,334	265,429	465,773	16,279	124,330	184,065	141,099	325,164	

<sup>1</sup> Reports of Department of Commerce.  
<sup>2</sup> Barrels of 50 gallons.  
<sup>3</sup> Total supply, less exports and Mar. 31 stocks.  
<sup>4</sup> Includes turpentine used in producers' plants in production of unclassified derived products.  
<sup>5</sup> Chiefly unreported retail sales.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics, Data for 1932-37 in Agricultural Statistics, 1947, table 767.



TABLE 792.—Rosin: Supply and distribution, United States, 1938-47  
SUPPLY

Crop year beginning April—	Stocks, Apr. 1			Production				Imports <sup>1</sup>		Total supply		
	Gum	Wood	Total	Gum		Wood		Gum	Total	Gum	Wood	Total
				New	Re-claimed	Total	Steam distilled					
1938	612,464	187,014	799,478	Drums <sup>2</sup> 1,434,361	Drums <sup>2</sup> 31,983	Drums <sup>2</sup> 1,466,344	Drums <sup>2</sup> 610,330	Drums <sup>2</sup> 2,076,674	284	Drums <sup>2</sup> 2,079,092	Drums <sup>2</sup> 797,344	2,876,436
1939	1,119,300	178,277	1,297,577	1,022,822	31,414	1,054,236	759,474	1,813,710	2,326	2,015,861	937,752	3,113,613
1940	1,227,719	172,798	1,400,517	1,198,911	20,181	1,219,092	916,784	1,717,492	1,788	2,088,419	906,377	3,074,797
1941	1,222,588	176,740	1,400,328	771,945	19,765	791,710	916,784	1,708,474	1,651	2,115,949	1,063,504	3,209,453
1942	984,654	163,088	1,147,742	857,401	11,297	868,698	787,105	1,655,803	1,211	1,854,563	950,193	2,804,756
1943	1,059,837	224,392	1,284,229	773,741	9,824	783,565	679,268	1,462,831	4,340	1,847,742	963,658	2,751,400
1944	948,206	146,880	1,095,086	684,146	8,066	692,212	695,700	1,317,912	17,298	1,335,656	772,280	2,107,936
1945	265,881	122,385	388,266	685,938	8,538	694,476	757,560	1,452,036	9,798	1,461,834	879,945	2,341,779
1946	237,804	138,394	376,198	744,086	8,449	752,535	967,713	1,720,246	182	1,720,428	1,066,107	2,786,535
1947	127,284	95,417	222,701	823,783	4,345	828,128	1,162,703	1,990,831	282	1,991,113	1,258,120	3,249,233

DISTRIBUTION

Crop year beginning April—	Exports <sup>3</sup>			Stocks, Mar. 31			Apparent consumption (disappearance) <sup>4</sup>			Reported industrial consumption <sup>5</sup>			Unaccounted for <sup>6</sup>		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
1938	401,013	236,212	637,225	Drums <sup>2</sup> 1,119,299	Drums <sup>2</sup> 178,277	Drums <sup>2</sup> 1,297,576	Drums <sup>2</sup> 558,780	Drums <sup>2</sup> 362,855	Drums <sup>2</sup> 921,635	Drums <sup>2</sup> 574,372	Drums <sup>2</sup> 369,715	Drums <sup>2</sup> 944,087	Drums <sup>2</sup> 2,694	Drums <sup>2</sup> 130,611	Drums <sup>2</sup> 99,242
1939	471,076	309,628	780,704	1,127,719	1,255,517	2,383,236	577,066	500,326	1,077,392	1,077,392	1,051,639	1,051,639	62,169	126,565	183,305
1940	220,337	203,473	423,810	1,322,588	176,740	1,499,328	525,494	526,165	1,051,659	463,324	399,061	862,385	2,857	126,565	183,305
1941	342,935	233,411	576,346	984,654	163,088	1,147,742	788,361	697,004	1,485,365	773,504	535,418	1,310,922	1,310,922	161,588	174,443
1942	189,576	139,560	329,136	1,059,837	224,392	1,284,229	605,151	586,201	1,191,352	553,531	575,335	1,128,866	51,619	10,906	62,525
1943	311,007	143,067	454,074	648,206	146,880	794,786	888,526	613,401	1,501,927	733,560	579,100	1,312,660	154,965	34,302	189,267
1944	160,092	55,591	215,683	265,881	122,385	388,266	931,684	640,095	1,575,989	947,473	603,893	1,541,366	15,789	37,450	53,239
1945	105,354	101,456	206,810	138,394	376,898	515,292	627,294	640,965	1,268,259	1,267,389	616,189	603,045	1,219,234	11,105	48,155
1946	320,475	180,972	501,447	127,284	95,417	222,701	542,472	829,718	1,372,190	538,588	818,357	1,356,945	3,884	11,361	15,245
1947	295,738	295,813	591,556	162,090	115,890	277,980	497,866	846,412	1,344,278	456,739	876,000	1,332,739	41,127	29,588	70,715

<sup>1</sup> Rosin, not for violins; imports for consumption, as reported by the Department of Commerce.  
<sup>2</sup> Drums of 520 pounds net weight.  
<sup>3</sup> Reports of Department of Commerce.  
<sup>4</sup> Total supply, less exports and Mar. 31 stocks.  
<sup>5</sup> Includes rosin used in producers' plants in production of unclassified derived products.  
<sup>6</sup> Chiefly unreported industrial consumption and some modified or derived rosin reported as rosin.  
 Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics. Data for 1932-37 in Agricultural Statistics, 1947, table 763.

CHAPTER XI

TABLE 793.—Precipitation: Normal and 1947, at selected points in United States 1  
(See explanatory text at bottom of page 720)

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual		
	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	
																											In.
Greenville, Mo.	2.88	2.21	2.72	0.37	2.96	4.17	2.92	2.30	3.22	5.42	3.72	4.71	4.26	6.37	3.37	1.02	3.75	2.85	3.96	0.66	3.54	5.54	3.13	1.31	30.55	43.03	
Burlington, Vt.	1.76	3.51	1.57	1.42	2.04	2.30	2.15	1.39	2.85	5.03	3.84	3.50	3.37	1.83	3.48	3.37	1.83	3.48	3.20	1.88	1.12	1.12	1.12	31.01	32.34		
Boston, Mass.	3.61	2.45	3.37	1.44	3.57	2.30	3.34	3.14	3.18	3.06	2.80	2.88	3.49	3.98	3.62	2.19	3.14	3.95	3.15	1.13	3.32	4.01	3.35	1.96	36.00	37.91	
Buffalo, N. Y.	3.30	4.65	2.97	1.59	2.05	2.56	3.30	3.10	4.83	2.82	4.01	3.03	3.54	3.80	1.80	2.92	2.11	2.99	1.66	3.02	4.13	3.46	3.35	3.00	36.00	35.16	
Canton, N. Y.	2.50	4.20	2.97	1.60	2.50	3.95	2.38	3.08	3.07	3.09	3.29	3.94	3.87	3.84	1.55	3.35	6.00	3.03	4.46	3.16	3.20	2.69	2.88	35.12	46.66		
Trenton, N. J.	3.31	3.04	3.27	1.69	3.00	1.90	2.94	4.63	3.08	3.86	3.29	3.94	3.94	3.75	5.64	3.40	1.90	2.78	2.64	3.73	4.84	3.35	1.88	40.04	40.66		
Pittsburgh, Pa.	3.05	4.02	3.67	3.03	3.00	2.59	2.92	4.21	4.41	3.81	4.75	4.03	3.94	3.69	3.39	3.37	2.58	1.43	2.52	3.03	1.70	2.77	3.60	3.02	1.22	38.69	41.46
Scranton, Pa.	3.03	4.54	3.04	1.25	3.20	2.73	2.67	3.64	3.27	3.99	3.66	3.66	3.31	4.70	3.63	3.41	2.15	2.65	2.03	2.51	1.92	2.62	2.08	1.44	1.84	33.55	38.35
Cleveland, Ohio	2.48	4.14	2.91	3.33	3.89	1.60	3.12	4.38	3.12	3.70	5.04	4.04	5.26	3.42	3.65	3.36	2.26	3.31	3.39	2.82	2.73	3.74	2.19	2.58	43.16	37.90	
Evanston, Ind.	3.71	3.83	3.24	2.7	4.19	2.08	3.90	4.38	3.86	3.77	4.04	4.77	3.34	2.19	3.11	5.22	3.40	2.49	2.78	3.41	2.60	4.40	2.88	1.91	2.63	30.90	35.81
Indianapolis, Ind.	2.95	3.35	2.73	3.1	3.93	2.14	3.07	5.70	3.85	3.52	3.57	5.59	3.60	4.17	3.11	2.38	3.06	3.41	2.60	4.40	2.88	1.91	2.63	2.07	1.63	32.87	38.62
Fort Wayne, Ind.	2.33	3.35	2.35	3.88	2.56	2.69	2.54	3.33	3.50	3.97	3.48	4.40	3.34	2.19	3.11	2.38	3.06	3.41	2.60	4.40	2.88	1.91	2.63	2.07	1.63	32.87	38.62
Chicago, Ill.	1.90	2.09	2.01	3.3	2.73	2.25	3.38	6.06	4.06	4.63	3.77	7.13	3.58	4.10	3.12	1.33	4.03	3.20	3.26	2.56	2.60	2.51	2.63	2.07	1.63	32.87	38.62
Carro, Ill.	1.78	2.80	3.13	5.5	3.75	2.44	3.72	6.30	3.71	5.71	3.83	4.40	3.68	4.10	3.12	1.33	4.03	3.20	3.26	2.56	2.60	2.51	2.63	2.07	1.63	32.87	38.62
Grand Rapids, Mich.	2.35	2.31	2.24	81	2.48	2.34	2.77	6.47	3.44	4.98	3.40	4.98	3.40	3.58	4.02	1.33	4.03	3.20	3.26	2.56	2.60	2.51	2.63	2.07	1.63	32.87	38.62
Alpena, Mich.	1.89	2.12	1.71	72	1.99	2.46	2.24	2.98	3.05	3.77	3.30	1.58	2.70	2.92	2.61	2.20	3.53	5.75	2.81	91	2.77	3.17	2.57	2.47	33.97	36.65	
Marquette, Mich.	2.33	2.68	1.90	1.2	2.26	1.16	2.43	2.28	2.96	3.68	3.20	1.58	2.70	2.92	2.61	2.20	3.53	5.75	2.81	91	2.77	3.17	2.57	2.47	33.97	36.65	
Madison, Wis.	1.38	2.58	1.50	1.2	2.07	1.16	2.43	2.28	2.96	3.68	3.20	1.58	2.70	2.92	2.61	2.20	3.53	5.75	2.81	91	2.77	3.17	2.57	2.47	33.97	36.65	
Green Bay, Wis.	1.54	1.08	1.56	1.5	2.04	1.47	2.65	3.25	3.52	4.43	3.70	3.10	4.40	3.26	3.18	4.66	3.59	2.97	2.94	2.08	2.46	1.84	1.71	2.31	31.98	35.94	
Duluth, Minn.	1.97	4.49	1.05	4.2	1.54	8.2	2.06	3.07	3.25	4.43	3.91	4.14	3.76	3.98	4.62	3.31	1.83	2.80	1.10	2.27	2.82	1.15	1.45	2.92	1.15	48.00	56.94
Minneapolis, Minn.	1.86	1.71	1.95	2.0	1.42	4.7	2.23	2.44	3.67	2.57	4.26	5.30	3.76	3.98	4.62	3.31	1.83	2.80	1.10	2.27	2.82	1.15	1.45	2.92	1.15	48.00	56.94
Des Moines, Iowa	1.07	1.90	1.12	2.5	1.78	2.04	2.01	6.51	4.56	5.48	4.76	14.17	3.50	3.86	3.52	1.18	3.67	3.88	2.95	1.22	7.16	4.66	2.91	1.90	32.47	32.82	
Dubuque, Iowa	1.34	2.23	1.38	4.2	2.03	1.50	2.85	6.18	4.22	4.59	4.31	10.45	4.31	6.26	2.40	4.01	2.22	2.48	1.43	1.44	1.70	1.84	1.44	1.99	32.90	42.28	
St. Louis, Mo.	2.34	2.23	2.56	4.1	3.38	2.24	3.81	6.18	4.34	3.82	7.30	2.98	4.08	6.26	2.40	4.01	2.22	2.48	1.43	1.44	1.70	1.84	1.44	1.99	32.90	42.28	
St. Joseph, Mo.	1.28	8.90	1.67	3.1	2.48	4.41	3.19	5.60	4.70	3.45	4.05	11.43	3.78	1.77	3.83	1.77	3.83	2.72	4.08	2.31	2.62	2.62	2.29	2.89	35.56	40.15	
Springfield, Mo.	2.34	8.90	1.67	3.1	2.48	4.41	3.19	5.60	4.70	3.45	4.05	11.43	3.78	1.77	3.83	1.77	3.83	2.72	4.08	2.31	2.62	2.62	2.29	2.89	35.56	40.15	
Bismarck, N. Dak.	4.45	4.45	4.45	2.0	8.90	2.1	5.92	9.00	2.32	7.70	4.08	6.73	4.21	5.41	4.09	3.88	3.52	4.69	3.05	3.24	2.79	1.68	2.31	1.67	41.78	39.62	
Devils Lake, N. Dak.	4.45	4.45	4.45	2.0	8.90	2.1	5.92	9.00	2.32	7.70	4.08	6.73	4.21	5.41	4.09	3.88	3.52	4.69	3.05	3.24	2.79	1.68	2.31	1.67	41.78	39.62	
Huron, S. Dak.	4.45	4.45	4.45	2.0	8.90	2.1	5.92	9.00	2.32	7.70	4.08	6.73	4.21	5.41	4.09	3.88	3.52	4.69	3.05	3.24	2.79	1.68	2.31	1.67	41.78	39.62	
North Platte, Nebr.	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
Omaha, Nebr.	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Concordia, Kans.	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
Dodge City, Kans.	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
Wichita, Kans.	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
Washington, D. C.	3.55	3.37	3.15	5.2	1.75	2.91	5.20	4.46	4.69	4.38	5.27	4.41	3.58	3.78	4.13	3.95	4.31	3.82	3.09	2.59	2.59	1.50	1.50	1.39	8.9	8.9	
Lynchburg, Va.	3.43	4.20	3.15	6.4	3.54	3.06	2.96	2.92	3.63	3.69	3.79	4.13	3.95	4.71	4.45	4.01	4.28	3.24	3.67	2.84	2.95	2.61	2.61	3.02	3.02	4.16	41.83
Norfolk, Va.	3.43	4.20	3.15	6.4	3.54	3.06	2.96	2.92	3.63	3.69	3.79	4.13	3.95	4.71	4.45	4.01	4.28	3.24	3.67	2.84	2.95	2.61	2.61	3.02	3.02	4.16	41.83
Parkersburg, W. Va.	3.58	5.74	3.13	1.04	3.49	1.86	3.19	3.38	3.38	3.38	3.59	4.00	2.80	4.29	7.45	3.51	9.03	2.76	2.18	2.48	1.89	2.57	3.54	3.03	1.82	39.41	43.52

PRECIPITATION STATISTICS

Lexington, Ky.	4.18	6.62	3.62	1.82	3.50	4.83	3.81	4.75	4.05	3.17	3.65	3.01	3.45	2.88	3.07	2.65	2.59	2.79	3.34	3.32	3.77	1.70	43.35	40.37	
Charlotte, N. C.	4.00	6.69	4.18	3.99	3.31	2.20	3.63	2.08	4.22	3.15	5.10	5.21	5.07	3.41	2.99	4.71	2.95	5.69	2.57	7.94	3.86	2.10	46.35	48.69	
Wilmington, N. C.	3.29	3.18	2.98	4.50	1.52	2.66	3.44	2.52	5.10	6.76	7.13	10.35	6.36	6.11	4.51	11.99	3.67	3.29	1.96	7.15	2.78	5.50	46.92	69.46	
Charleston, S. C.	3.02	1.06	2.98	3.36	3.02	4.53	3.77	3.44	5.39	10.10	6.59	7.89	6.53	6.79	4.53	10.18	3.27	3.53	2.42	6.28	2.72	5.16	45.23	67.91	
Greenville, S. C.	4.87	6.78	5.18	4.05	3.72	2.58	4.03	2.20	4.55	3.72	5.36	1.70	3.68	2.88	3.18	6.66	4.84	2.15	63.78	6.66	4.84	2.15	49.15	42.95	
Atlanta, Ga.	5.03	8.09	5.06	2.20	5.41	8.09	3.42	4.99	3.94	5.83	4.84	1.47	4.70	5.67	3.04	3.11	9.05	4.79	4.11	9.05	4.79	4.11	63.78	50.60	
Thomasville, Ga.	4.80	4.51	4.46	1.53	3.94	2.11	3.63	3.09	5.45	3.71	6.71	6.71	5.81	4.96	4.88	4.74	2.46	6.00	1.98	9.34	3.41	6.00	52.35	64.95	
Jacksonville, Fla.	2.27	1.47	2.07	2.01	2.63	2.91	3.25	2.91	3.35	7.17	1.66	5.60	7.80	3.88	3.74	8.65	13.65	2.90	2.56	1.98	3.02	3.70	67.77	62.19	
Miami, Fla.	4.81	5.94	4.36	1.06	3.63	3.41	4.56	4.19	4.68	3.55	4.19	3.18	5.88	5.33	3.71	3.67	3.32	2.49	1.61	3.50	2.07	4.51	3.26	47.72	
Memphis, Tenn.	4.76	8.63	4.13	2.86	5.11	6.26	1.96	4.49	4.00	1.16	3.88	5.13	3.71	3.67	3.32	1.16	2.49	1.61	3.50	2.07	4.51	3.26	47.72	62.19	
Nashville, Tenn.	5.52	9.63	5.06	4.07	5.70	6.61	4.81	6.72	3.95	4.38	4.46	3.48	5.43	4.26	3.48	3.50	2.07	4.51	3.26	2.56	1.98	3.02	3.70	67.77	
Birmingham, Ala.	4.85	8.10	5.33	1.67	5.98	13.00	4.63	4.90	4.32	11.41	5.43	4.55	4.89	1.13	6.92	4.62	5.00	6.00	3.60	2.84	3.64	10.70	53.18	84.20	
Mobile, Ala.	5.32	12.14	5.45	1.67	5.23	4.98	4.78	3.31	4.41	4.55	2.41	4.80	2.81	4.54	2.06	3.58	2.39	1.78	3.32	7.92	5.33	3.86	52.98	58.96	
Meridian, Miss.	5.37	8.11	4.82	1.41	5.57	4.66	5.19	3.20	3.09	2.14	3.87	1.92	3.56	2.68	2.87	4.88	2.77	3.59	3.71	6.61	5.33	3.86	51.93	53.15	
Vicksburg, Miss.	4.34	8.22	4.25	2.73	4.72	3.73	5.24	3.01	3.88	7.01	6.27	3.23	5.80	2.52	3.03	3.56	3.30	4.78	3.14	14.41	4.79	8.51	57.46	81.31	
New Orleans, La.	3.93	3.57	3.20	3.60	4.11	6.77	4.83	2.84	3.30	2.02	3.96	1.84	2.72	2.80	3.32	2.69	1.68	3.65	4.93	2.49	4.14	4.79	58.43	47.28	
Shreveport, La.	1.50	2.21	1.09	1.26	3.22	1.43	1.44	2.27	4.59	2.84	1.19	2.84	1.54	3.80	2.30	2.24	1.66	1.12	9.92	9.92	9.92	1.80	2.95	20.99	
Amarillo, Tex.	1.50	2.21	1.09	1.26	3.22	1.43	1.44	2.27	4.59	2.84	1.19	2.84	1.54	3.80	2.30	2.24	1.66	1.12	9.92	9.92	9.92	1.80	2.95	20.99	
Brownsville, Tex.	4.06	8.71	4.41	1.36	6.68	2.68	0.88	3.88	3.83	1.99	9.71	7.01	1.63	1.25	0.20	8.00	3.35	5.50	5.53	6.22	8.22	9.16	7.12	17.12	
Fort Worth, Tex.	2.05	1.21	1.76	5.55	2.32	4.02	2.98	4.65	2.50	3.35	4.08	2.49	2.81	2.81	2.14	2.58	2.23	1.87	4.50	3.33	3.01	3.33	30.21	30.21	
Galveston, Tex.	3.41	2.83	2.83	4.25	3.48	3.06	1.24	3.42	7.88	4.37	6.00	3.71	5.9	4.85	5.57	1.48	3.36	3.66	3.75	5.19	44.77	34.77	34.77	34.77	
San Antonio, Tex.	1.46	2.14	1.65	2.59	1.84	3.19	3.32	2.46	3.31	2.17	1.00	2.42	3.34	3.05	0.66	2.23	1.11	3.33	3.66	3.75	5.19	44.77	34.77	34.77	
Oklahoma City, Okla.	1.19	5.3	1.11	0.2	1.98	4.8	3.29	11.91	4.88	7.92	3.07	2.07	2.86	5.13	2.89	1.19	3.05	2.43	2.86	7.9	1.87	1.68	1.50	2.35	
Little Rock, Ark.	4.73	2.14	3.84	5.1	4.62	1.53	5.19	6.10	4.78	6.87	3.76	4.95	3.50	1.03	3.75	1.09	3.17	2.96	2.71	5.57	4.19	6.27	4.14	4.34	
Havre, Mont.	.73	.23	.50	.37	.51	.98	.99	.15	2.86	2.95	1.87	1.13	1.22	1.41	1.29	1.74	.67	.48	.61	.38	.61	.27	13.90	10.94	
Miles City, Mont.	.66	.34	.49	.86	1.10	1.12	1.84	2.24	.66	2.66	3.87	1.54	1.08	1.73	1.04	3.11	.90	.37	.57	.31	.63	.28	13.90	10.94	
Kalispell, Mont.	1.57	1.00	1.11	.90	.95	.90	.80	.65	1.46	1.79	2.06	4.56	1.10	1.47	1.55	1.37	1.20	1.24	.99	1.06	2.16	1.45	81	15.02	
Cheyenne, Wyo.	.85	.55	.70	1.15	1.16	1.31	1.92	1.89	2.65	2.59	1.61	3.75	2.10	1.87	1.52	1.27	1.89	1.07	1.00	.63	2.13	.55	52	14.96	
Sheridan, Wyo.	.31	.26	.47	.79	.59	.62	1.31	1.25	1.60	2.94	1.36	3.43	1.94	1.24	1.82	1.04	1.75	.45	.66	2.10	.36	.42	50	55	
Pueblo, Colo.	.60	.40	.58	1.11	.76	.60	.83	.69	.81	.41	.40	.38	.61	.88	1.14	1.27	.92	.26	.95	.98	.57	.69	.63	.49	8.83
Grand Junction, Colo.	.40	.02	.32	.14	.45	.03	.60	.48	.49	.23	1.41	.39	1.24	1.45	.82	.67	.81	.31	.46	.45	.66	.83	.46	1.05	8.06
Albuquerque, N. Mex.	.53	.81	.57	1.0	.78	.35	.89	.43	1.09	1.71	1.67	.56	2.26	1.3	2.15	2.11	.39	1.42	.32	.85	.96	.53	14.96	8.26	
Phoenix, Ariz.	.80	.03	.77	1.0	.68	.27	.58	.07	1.28	1.67	.60	1.07	1.3	1.05	1.15	1.39	.47	.06	.70	.60	1.00	.32	7.78	3.22	
Modena, Utah.	.85	.95	1.22	.95	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	
Salt Lake City, Utah.	.85	.95	1.22	.95	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	.63	
Winnemucca, Nev.	1.73	.50	1.41	.42	.96	.38	.84	.64	.88	1.40	.72	.28	.21	.00	.20	.01	.41	.04	.62	.65	.68	1.08	4.5	8.54	
Boise, Idaho.	4.94	3.79	3.89	4.08	3.05	2.65	3.38	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	
Seattle, Wash.	1.96	1.41	1.76	5.4	6.1	8.2	5.1	2.62	4.59	3.89	2.49	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	
Portland, Ore.	3.31	2.91	4.49	3.12	3.96	3.12	3.96	3.12	3.96	3.12	3.96	3.12	3.96	3.12	3.96	3.12	3.96	3.12	3.96	3.12	3.96	3.12	3.96	3.12	
Roseburg, Ore.	7.11	3.93	6.48	4.29	3.28	4.14	2.27	1.93	1.63	1.09	3.76	.32	7.39	.34	.94	1.27	4.1	2.61	6.42	6.66	2.18	1.72	6.28	3.09	
Fresno, Calif.	1.73	.20	1.43	.60	1.58	.46	.85	.41	.44	.20	.08	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	
Los Angeles, Calif.	3.10	.38	3.07	.86	2.78	7.04	.04	.45	12	.08	.02	.01	.00	.02	.01	.09	.68	.14	1.20	.06	2.63	1.62	15.23	4.13	
Sacramento, Calif.	3.72	.60	3.02	2.34	2.57	3.28	1.51	.77	1.15	.28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.88	1.02	11.99	
San Diego, Calif.	2.06	.35	2.03	.43	1.72	.97	.77	.36	.35	.17	.05	.04	.00	.04	.00	.08	.18	.54	.08	.18	.54	.08	3.02	10.30	
San Francisco, Calif.	4.54	1.35	3.85	2.65	3.14	3.64	1.61	.17	.80	.67	.18	.64	.02	.01	.12	.45	.09	.29	.35	1.39	3.95	1.84	22.02	14.44	

1 Normals are based on records of 30 or more years of observations.

T=trace; an amount too small to measure.

Weather Bureau, Department of Commerce.

TABLE 794.—Temperature: Normal and mean 1947, at selected points in United States 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual			
	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947	Nor- mal	1947
Brentsville, Mo.	12.4	13.3	13.5	15.6	15.4	15.1	37.1	33.0	49.5	46.6	59.2	56.8	65.1	67.8	62.3	65.0	55.2	54.8	44.5	44.5	30.6	28.9	18.8	14.5	39.4	39.2	°F.	
Burlington, Vt.	18.8	30.6	19.4	20.4	24.0	23.5	40.4	43.3	40.6	56.5	54.4	65.7	63.6	70.3	72.6	67.0	61.3	61.8	49.2	56.4	30.6	28.9	18.8	14.5	39.4	39.2	°F.	
Boston, Mass.	27.9	32.9	29.8	29.0	35.6	37.7	46.3	47.2	57.1	56.9	65.5	65.4	65.7	63.6	67.0	73.3	60.3	64.8	53.6	61.6	42.0	40.6	31.2	24.4	45.1	45.3	°F.	
Buffalo, N. Y.	23.9	30.9	23.7	21.6	31.3	32.9	43.8	43.4	55.9	52.8	63.4	63.9	65.9	68.6	64.8	75.2	61.6	64.0	51.1	59.8	38.5	38.5	28.8	28.3	46.6	48.1	°F.	
Canton, N. Y.	16.6	19.2	15.8	18.9	27.8	28.8	41.9	40.0	54.2	51.8	63.5	64.0	68.6	69.7	66.5	71.6	66.9	67.3	55.6	61.9	44.4	43.4	34.4	33.9	52.5	53.6	°F.	
Pittsburgh, Pa.	30.5	38.5	30.7	28.7	39.8	38.8	49.8	51.8	61.1	60.9	69.9	68.6	75.3	70.0	73.0	75.1	66.9	67.3	55.6	61.9	44.4	43.4	34.4	33.9	52.5	53.6	°F.	
Trenton, N. J.	28.0	36.2	30.8	22.1	37.2	37.2	49.2	42.0	58.7	58.7	68.7	68.5	73.1	70.0	73.0	76.6	64.0	64.5	51.9	59.0	40.2	39.2	32.6	29.6	49.4	50.0	°F.	
Seranton, Pa.	26.6	33.0	27.3	23.3	32.8	32.8	40.9	38.0	50.2	50.2	60.2	59.8	67.4	67.4	70.0	70.0	67.8	68.7	66.5	61.4	42.0	40.6	31.2	24.4	45.1	45.3	°F.	
Cincinnati, Ohio	26.5	32.7	34.7	22.6	34.6	31.8	44.6	36.0	52.4	55.4	63.1	62.8	71.2	72.8	75.1	73.0	70.0	77.8	65.7	65.6	40.9	38.9	30.7	29.6	49.4	50.0	°F.	
Cleveland, Ohio	31.6	38.1	37.9	27.8	44.4	37.0	54.9	56.6	64.3	62.2	71.7	72.8	80.0	73.0	73.0	70.0	77.8	65.7	65.6	40.9	38.9	30.7	29.6	49.4	50.0	°F.		
Evansville, Ind.	28.4	35.2	31.1	24.0	40.0	34.6	52.1	42.9	62.9	60.4	71.6	69.8	73.7	72.5	73.7	73.7	68.0	68.4	55.7	64.4	41.8	34.8	36.8	34.8	52.8	52.9	°F.	
Indianapolis, Ind.	25.4	29.6	26.6	20.0	36.1	31.0	46.9	46.6	57.8	53.8	68.9	68.1	66.0	72.7	71.1	80.0	63.3	68.7	52.5	62.9	37.7	34.6	26.9	26.0	48.4	49.3	°F.	
Fort Wayne, Ind.	22.1	28.5	24.9	20.4	34.5	31.5	46.9	49.9	60.7	56.8	69.9	68.0	67.1	77.3	76.6	80.0	67.5	73.2	60.5	67.4	45.6	42.3	33.6	32.6	54.7	54.9	°F.	
Chicago, Ill.	22.1	28.5	24.9	20.4	34.5	31.5	46.9	49.9	60.7	56.8	69.9	68.0	67.1	77.3	76.6	80.0	67.5	73.2	60.5	67.4	45.6	42.3	33.6	32.6	54.7	54.9	°F.	
Peoria, Ill.	34.9	40.6	38.5	32.2	47.7	41.6	59.1	59.8	69.4	67.1	77.3	76.6	80.0	77.5	78.8	84.8	72.5	73.2	60.5	67.4	45.6	42.3	33.6	32.6	54.7	54.9	°F.	
Cairo, Ill.	24.5	28.2	23.7	22.4	33.4	31.2	47.0	45.5	58.5	52.8	67.8	65.6	72.3	70.8	69.7	79.1	62.7	65.8	51.2	61.4	41.8	34.8	36.8	34.8	52.8	52.9	°F.	
Grand Rapids, Mich.	19.1	23.0	18.0	18.7	25.5	26.5	38.8	37.8	50.5	46.4	60.4	59.3	65.9	66.6	64.1	71.3	57.6	59.6	47.1	56.2	33.4	33.4	24.8	23.6	41.0	42.0	°F.	
Alpena, Mich.	16.3	21.0	16.3	17.9	24.8	26.6	37.8	34.2	49.0	44.2	58.9	56.2	64.9	65.0	63.8	70.9	57.5	58.3	46.7	56.0	33.0	33.0	22.6	23.4	44.0	46.8	°F.	
Marquette, Mich.	16.7	23.1	17.1	17.0	30.0	30.4	45.4	44.0	57.6	52.6	67.4	63.8	72.0	70.0	69.0	67.7	75.0	62.4	62.4	48.5	58.8	34.0	30.8	22.3	22.6	44.0	46.8	°F.
Madison, Wis.	15.7	21.3	17.4	16.6	28.6	29.4	43.2	40.0	54.9	49.5	64.9	61.4	70.1	69.0	67.8	75.0	62.4	62.4	48.5	58.8	34.0	30.8	22.3	22.6	44.0	46.8	°F.	
Green Bay, Wis.	7.9	15.2	11.4	10.6	23.7	24.7	40.3	38.1	47.3	47.4	57.2	55.4	63.9	67.8	62.6	66.8	55.1	55.3	44.1	52.3	24.2	24.2	15.9	15.6	38.0	39.3	°F.	
Duluth, Minn.	12.7	15.2	15.9	14.8	29.6	28.9	46.4	42.1	57.7	53.5	67.5	64.6	72.3	72.8	72.8	72.8	62.6	66.8	55.1	55.3	44.1	44.1	32.3	32.6	44.0	46.8	°F.	
Minneapolis, Minn.	20.1	25.7	22.2	19.0	35.9	32.8	50.1	48.6	61.3	56.5	70.6	67.6	82.7	82.7	82.7	82.7	68.4	68.4	58.2	68.4	41.6	34.9	38.8	34.8	52.8	52.9	°F.	
Des Moines, Iowa	19.1	27.8	23.2	18.2	34.0	32.0	48.0	47.0	60.3	54.9	69.4	66.2	74.1	72.6	71.7	80.0	66.8	66.8	51.4	62.8	37.0	32.4	24.7	27.8	48.1	48.9	°F.	
Dubuque, Iowa	31.1	37.5	34.8	28.5	44.1	37.2	56.1	55.9	69.7	67.0	82.7	78.7	94.4	82.7	82.7	82.7	68.4	68.4	58.2	68.4	41.6	34.9	38.8	34.8	52.8	52.9	°F.	
St. Louis, Mo.	32.3	35.7	34.0	28.7	43.6	37.2	55.2	55.9	69.7	67.0	82.7	78.7	94.4	82.7	82.7	82.7	68.4	68.4	58.2	68.4	41.6	34.9	38.8	34.8	52.8	52.9	°F.	
Springfield, Mo.	6.3	13.3	8.5	11.6	21.9	25.6	39.3	41.4	53.0	62.1	73.1	73.1	80.0	74.3	76.9	76.5	84.4	68.4	68.4	51.4	41.6	34.9	38.8	34.8	52.8	52.9	°F.	
Bismarck, N. Dak.	1.8	13.6	5.1	6.8	19.8	21.4	38.8	40.2	52.6	48.6	61.3	62.9	71.8	69.4	69.4	72.6	66.7	66.7	57.3	57.3	26.5	23.5	12.8	14.3	39.0	41.8	°F.	
Devils Lake, N. Dak.	11.8	20.2	14.3	15.4	28.9	28.8	45.1	42.6	56.6	53.6	66.2	64.6	75.9	74.8	74.8	72.8	60.4	66.8	51.4	51.4	24.5	21.5	9.4	9.4	39.1	39.1	°F.	
Luro, S. Dak.	22.9	30.6	26.6	20.6	30.6	34.8	48.6	47.1	58.7	57.0	67.5	64.6	72.9	74.8	72.8	60.4	66.8	51.4	51.4	24.5	21.5	9.4	9.4	39.1	39.1	°F.		
North Platte, Nebr.	20.9	28.6	24.3	21.8	36.1	34.2	51.0	48.6	62.4	58.4	70.7	69.1	73.2	73.2	73.2	73.2	65.7	65.7	49.7	50.6	38.6	34.0	26.4	28.9	48.3	50.2	°F.	
Omaha, Nebr.	26.4	31.2	29.8	24.3	41.3	38.1	53.0	53.0	63.3	63.3	73.2	73.2	83.2	83.2	83.2	83.2	65.7	65.7	49.7	50.6	38.6	34.0	26.4	28.9	48.3	50.2	°F.	
Concordia, Kans.	31.0	32.0	34.4	31.8	42.8	38.6	53.0	53.0	63.3	63.3	73.2	73.2	83.2	83.2	83.2	83.2	65.7	65.7	49.7	50.6	38.6	34.0	26.4	28.9	48.3	50.2	°F.	
Dodge City, Kans.	29.3	42.2	35.3	31.8	45.0	40.2	53.3	53.3	63.3	63.3	73.2	73.2	83.2	83.2	83.2	83.2	65.7	65.7	49.7	50.6	38.6	34.0	26.4	28.9	48.3	50.2	°F.	
White, Kans.	33.4	42.1	38.3	31.7	42.6	40.4	56.8	56.8	66.8	66.8	76.8	76.8	86.8	86.8	86.8	86.8	68.4	68.4	58.4	58.4	44.8	44.8	36.6	36.6	56.1	56.8	°F.	
Lyons, Mo.	30.3	40.0	34.4	31.8	45.0	41.0	56.8	56.8	66.8	66.8	76.8	76.8	86.8	86.8	86.8	86.8	68.4	68.4	58.4	58.4	44.8	44.8	36.6	36.6	56.1	56.8	°F.	
Washington, D. C.	35.3	44.2	38.3	31.7	42.6	40.4	56.8	56.8	66.8	66.8	76.8	76.8	86.8	86.8	86.8	86.8	68.4	68.4	58.4	58.4	44.8	44.8	36.6	36.6	56.1	56.8	°F.	
Norfolk, Va.	40.6	49.0	42.7	37.0	48.2	42.6	56.8	56.8	66.8	66.8	76.8	76.8	86.8	86.8	86.8	86.8	68.4	68.4	58.4	58.4	44.8	44.8	36.6	36.6	56.1	56.8	°F.	
Wilmington, N. C.	32.5	39.8	34.2	26.4	42.8	36.2	53.4	56.3	66.8	61.4	71.2	73.9	73.9	73.9	73.9	73.9	68.5	68.5	68.5	68.5	44.8	44.8	36.6	36.6	56.1	56.8	°F.	
Parkersburg, W. Va.	32.9	39.8	34.2	26.4	42.8	36.2	53.4	56.3	66.8	61.4	71.2	73.9	73.9	73.9	73.9	73.9	68.5	68.5	68.5	68.5	44.8	44.8	36.6	36.6	56.1	56.8	°F.	
Lexington, Ky.	41.2	46.8	43.9	37.7	50.4	44.3	59.8	53.2	68.9	70.2	75.2	76.1	78.6	76.2	77.1	79.6	71.5	73.0	61.3	65.8	44.0	43.0	36.6	36.6	56.1	56.8	°F.	
Charlotte, N. C.	46.5	53.4	47.9	42.1	53.3	47.4	62.0	63.7	70.8	70.4	78.9	77.1	79.1	76.4	77.4	79.4	73.1	75.1	67.3	69.4	49.1	48.6	43.0	43.0	60.4	60.4	°F.	
Wilmington, N. C.	49.9	56.2	52.4	46.1	57.4	51.0	64.5	64.5	72.7	73.4	81.2	81.2	81.2	81.2	81.2	81.2	76.6	77.3	67.8	71.0	58.1	57.1	51.7	51.7	69.0	69.0	°F.	
Charleston, S. C.	49.9	56.2	52.4	46.1	57.4	51.0	64.5	64.5	72.7	73.4	81.2	81.2	81.2	81.2	81.2	81.2	76.6	77.3	67.8	71.0	58.1	57.1	51.7	51.7	69.0	69.0	°F.	

Greenville, S. C.....	40.3	46.0	43.3	37.8	49.9	43.8	58.5	62.9	69.4	74.1	75.2	76.9	76.3	75.8	78.6	70.6	73.8	60.2	66.0	49.6	48.5	44.2	43.7
Atlanta, Ga.....	42.5	45.8	45.3	38.7	52.0	45.3	61.1	63.4	67.2	69.4	75.4	79.1	77.0	78.0	79.2	72.8	75.0	62.7	65.4	51.5	48.8	42.2	60.8
Thomasville, Ga.....	51.0	59.4	58.0	48.4	60.2	54.8	66.7	70.2	74.0	73.8	79.5	78.6	81.0	80.4	78.3	78.8	77.2	73.1	73.2	58.5	58.8	52.5	67.1
Jacksonville, Fla.....	55.4	64.2	55.0	50.5	62.6	57.8	68.7	73.0	75.0	76.5	79.9	79.6	82.1	80.2	81.7	82.2	78.8	78.1	71.3	62.2	63.5	56.3	69.3
Miami, Fla.....	67.9	72.6	68.0	62.0	70.3	67.1	73.9	76.4	77.2	77.2	80.0	79.5	81.8	79.8	82.1	80.6	79.9	78.3	77.0	70.6	75.1	69.1	70.6
Memphis, Tenn.....	40.9	43.6	44.3	36.2	45.2	40.5	61.8	62.8	70.6	68.1	77.6	78.2	80.7	78.5	82.4	84.8	83.6	79.9	78.0	51.7	48.6	43.6	61.4
Nashville, Tenn.....	38.6	43.4	41.6	32.7	49.2	41.4	59.0	60.7	68.2	64.5	75.6	74.9	79.1	74.4	81.8	72.8	81.8	72.8	64.0	67.7	49.0	47.4	41.8
Birmingham, Ala.....	45.1	49.4	48.0	41.6	46.0	53.7	63.3	65.1	71.1	69.0	77.9	76.4	80.2	77.8	81.8	74.8	81.8	64.8	70.8	53.9	51.8	46.4	63.3
Mobile, Ala.....	51.5	55.4	54.7	48.8	59.7	55.3	68.3	69.4	74.4	74.0	80.3	80.9	81.4	80.6	81.8	82.6	78.1	78.7	69.3	73.4	58.6	58.2	64.2
Merriden, Miss.....	47.0	50.2	49.6	42.3	57.1	50.2	64.1	66.3	71.4	70.4	78.2	81.3	77.3	79.5	80.8	83.1	76.3	77.0	68.7	71.8	56.0	54.4	65.6
Meridian, Miss.....	48.2	56.4	51.8	45.3	58.5	51.2	65.6	69.1	72.9	70.8	79.0	82.6	82.3	83.1	82.2	79.2	80.6	73.2	75.0	61.2	55.0	56.4	69.3
Viicksburg, Miss.....	54.2	56.4	57.3	51.0	62.8	57.4	68.8	71.1	72.6	71.8	80.0	81.0	82.4	82.4	83.6	73.9	78.9	66.0	72.2	65.0	53.0	43.9	69.3
New Orleans, La.....	46.0	47.4	49.9	43.4	57.3	52.4	64.8	67.8	72.8	71.4	79.9	81.0	83.6	84.2	82.7	86.2	75.9	79.2	66.7	73.2	54.5	44.9	63.3
Shreveport, La.....	39.1	35.6	36.1	35.3	45.3	42.4	55.8	62.8	62.8	62.8	84.7	83.6	85.5	83.4	83.6	80.7	82.2	74.0	55.8	64.4	43.8	40.8	63.3
Amarillo, Tex.....	53.8	54.0	49.0	49.7	55.8	54.6	63.4	64.1	65.4	71.5	79.9	81.0	83.6	84.2	82.7	86.2	75.9	79.2	66.7	73.2	54.5	44.9	63.3
Brownsville, Tex.....	44.4	45.2	47.3	43.9	56.7	49.4	64.1	65.4	72.2	71.2	79.9	81.0	83.6	84.2	82.7	86.2	75.9	79.2	66.7	73.2	54.5	44.9	63.3
El Paso, Tex.....	52.3	52.1	56.3	51.0	62.4	56.2	68.7	69.1	75.3	81.3	83.9	83.8	84.0	83.5	83.3	79.0	80.7	76.3	60.3	57.4	53.4	68.9	69.0
Galveston, Tex.....	36.4	38.5	39.6	37.8	50.0	46.0	59.8	58.7	67.7	66.7	76.0	78.0	80.6	80.3	79.7	85.6	72.8	78.2	61.5	70.5	48.8	46.6	60.8
Oklahoma City, Okla.....	41.4	43.4	44.9	38.1	53.0	45.7	62.1	62.4	70.3	68.6	77.4	77.8	80.9	79.3	79.8	85.0	74.1	75.8	63.6	69.7	52.1	48.2	44.2
Little Rock, Ark.....	12.9	22.4	13.6	15.5	27.1	21.6	43.7	46.6	53.4	54.8	62.0	60.4	68.3	75.0	65.4	56.4	56.8	44.5	51.4	31.2	27.4	20.4	41.6
Havre, Mont.....	13.5	22.8	15.7	17.6	27.8	24.0	43.8	43.6	54.2	65.4	61.4	72.2	77.0	71.0	75.2	60.7	59.9	45.1	53.3	29.1	29.2	18.5	24.2
Miles City, Mont.....	40.4	21.4	23.3	27.0	32.9	34.6	43.6	45.6	51.4	55.0	57.7	55.6	64.1	67.8	62.4	53.5	54.4	43.5	47.1	32.4	31.2	24.9	27.0
Kalispell, Mont.....	25.5	25.6	27.3	23.9	33.1	30.9	40.0	40.0	50.3	49.8	60.4	56.4	68.6	68.6	68.6	57.0	60.6	44.8	51.5	34.8	28.8	28.5	29.7
Cheyenne, Wyo.....	19.3	25.5	22.6	22.7	31.4	27.7	43.3	43.0	52.0	54.1	61.5	57.8	68.4	72.4	66.5	72.3	56.3	60.2	44.6	52.6	32.7	27.6	43.4
Sheridan, Wyo.....	29.9	29.4	32.9	30.8	41.6	38.3	50.1	49.2	59.2	59.0	69.0	65.7	74.2	74.7	72.7	74.6	64.6	68.4	52.0	56.4	39.4	34.4	51.4
Pueblo, Colo.....	24.0	22.0	32.9	36.0	43.6	44.2	52.4	51.0	61.1	64.3	71.4	66.6	77.4	78.4	75.4	74.6	64.6	68.4	52.0	56.4	39.4	34.4	51.4
Grand Junction, Colo.....	34.1	33.0	40.5	42.2	43.9	47.4	54.0	54.0	63.3	67.0	72.6	72.8	80.2	73.9	76.0	67.0	72.2	59.5	63.6	48.1	43.8	41.2	59.3
Albuquerque, N. Mex.....	39.2	38.6	42.5	42.0	51.3	50.4	60.6	58.2	69.4	69.3	76.3	77.1	78.9	80.0	88.5	88.4	82.7	87.4	70.3	72.2	59.5	57.0	69.7
Roswell, N. Mex.....	51.2	50.5	55.1	60.1	60.7	63.6	67.0	69.2	75.0	79.7	84.5	84.6	89.8	93.0	88.5	88.4	82.7	87.4	70.3	72.2	59.5	57.0	69.7
Phoenix, Ariz.....	26.7	24.4	31.0	38.5	38.2	44.0	46.0	46.0	55.8	63.3	61.4	70.6	69.8	69.8	63.2	68.8	62.0	64.2	48.0	50.6	39.4	33.5	48.9
Modena, Ariz.....	28.6	25.0	32.1	38.4	40.0	44.6	49.4	48.9	58.9	62.8	65.7	63.6	74.0	77.6	72.8	74.1	62.2	65.0	51.8	38.4	33.1	30.0	48.9
Salt Lake City, Utah.....	27.5	25.5	33.5	41.0	40.0	43.9	46.7	48.9	63.9	62.8	61.4	70.6	71.7	69.3	68.6	62.0	61.0	48.5	51.8	38.4	33.1	30.0	48.9
Winnemucca, Nev.....	28.2	25.2	33.6	38.0	41.4	44.9	49.2	49.4	62.4	64.5	61.8	70.6	71.7	69.3	68.6	62.0	61.0	48.5	51.8	38.4	33.1	30.0	48.9
Boise, Idaho.....	38.9	38.8	41.9	46.8	45.0	50.4	54.4	56.6	66.0	64.8	61.8	70.6	71.7	69.3	68.6	62.0	61.0	48.5	51.8	38.4	33.1	30.0	48.9
Seattle, Wash.....	32.7	32.3	37.1	41.8	46.6	50.5	53.1	55.8	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
Walla Walla, Wash.....	39.4	39.0	42.1	48.0	46.9	52.1	51.8	56.9	63.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
Portland, Ore.....	41.2	39.0	43.4	47.2	50.4	48.3	50.8	49.9	52.4	52.0	53.9	58.8	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
Enterprise, Ore.....	46.9	44.6	47.2	50.4	48.3	50.8	49.9	52.4	52.0	53.9	58.8	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
Eureka, Calif.....	45.6	41.0	50.3	52.4	54.4	50.0	60.2	64.0	62.7	63.0	75.7	76.4	81.1	79.0	79.5	77.6	72.0	77.0	65.3	66.3	60.9	50.6	67.2
Fresno, Calif.....	54.5	51.9	55.5	59.8	57.5	60.4	69.4	62.6	62.6	69.4	72.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
Los Angeles, Calif.....	45.8	48.6	50.1	50.9	54.3	56.1	58.1	58.1	62.7	63.3	69.2	68.5	68.5	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
Sacramento, Calif.....	54.0	53.5	55.1	58.5	57.0	60.8	60.8	62.7	63.3	69.2	68.5	68.5	68.5	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
San Diego, Calif.....	49.9	47.2	52.2	53.6	54.2	56.0	55.0	58.4	56.8	58.5	61.8	58.5	58.5	60.2	59.1	61.8	60.9	61.4	60.5	62.0	56.3	55.3	51.0
San Francisco, Calif.....	49.9	47.2	52.2	53.6	54.2	56.0	55.0	58.4	56.8	58.5	61.8	58.5	58.5	60.2	59.1	61.8	60.9	61.4	60.5	62.0	56.3	55.3	51.0

1 Normals are based on records of 30 or more years of observation. 1947 means are based on means of the daily temperature extremes.

Weather Bureau, Department of Commerce.

TABLE 795.—Frost: Dates of killing frosts, 1947, with length of growing season

Station	Date of last killing frost in spring 1947	Date of first killing frost in fall 1947	Averages and extremes of killing frost <sup>1</sup>				Length of growing season between average dates of killing frosts
			Spring frosts		Fall frosts		
			Latest date	Average date	Earliest date	Average date	
Greenville, Me.....	June 4	Sept. 20	June 23	May 27	Aug. 24	Sept. 18	Days 114
Portland, Me.....	May 16	Sept. 29	June 20	Apr. 22	Sept. 11	Oct. 17	178
Concord, N. H.....	May 15	Sept. 27	June 5	May 5	Sept. 6	Oct. 3	151
Rurlington, Vt.....	May 10	Sept. 26	May 23	May 3	Sept. 15	Oct. 8	158
Boston, Mass.....	Apr. 28	Nov. 11	May 19	Apr. 17	Sept. 26	Oct. 24	190
Hartford, Conn.....	May 10	Sept. 28	do.....	Apr. 19	Sept. 11	Oct. 17	181
Albany, N. Y.....	May 11	Sept. 23	May 30	Apr. 24	Sept. 15	Oct. 16	175
Buffalo, N. Y.....	May 10	Nov. 9	May 23	Apr. 27	Oct. 3	Oct. 23	179
Canton, N. Y.....	do.....	Sept. 23	June 2	May 5	Sept. 11	Sept. 29	147
Setauket, N. Y.....	Apr. 22	Nov. 20	May 17	Apr. 12	Oct. 19	Nov. 8	210
Syracuse, N. Y.....	Apr. 28	Sept. 28	May 16	Apr. 25	Sept. 21	Oct. 21	179
Atlantic City, N. J.....	Mar. 31	Nov. 14	Apr. 30	Apr. 10	Oct. 1	Nov. 5	209
Trenton, N. J.....	do.....	do.....	May 17	do.....	Sept. 22	Nov. 2	206
Erie, Pa.....	May 10	Nov. 1	do.....	Apr. 20	Oct. 7	Nov. 1	195
Harrisburg, Pa.....	May 9	Sept. 28	May 12	Apr. 10	Sept. 28	Oct. 28	201
Pittsburgh, Pa.....	May 10	Oct. 1	May 29	Apr. 21	Sept. 19	Oct. 20	182
Scranton, Pa.....	May 11	Sept. 26	May 15	do.....	Sept. 14	Oct. 14	176
Cincinnati, Ohio.....	May 9	Nov. 9	May 9	Apr. 10	Sept. 29	Oct. 24	197
Cleveland, Ohio.....	Apr. 28	do.....	May 21	Apr. 17	Oct. 2	Nov. 3	200
Columbus, Ohio.....	May 9	Sept. 27	May 17	Apr. 21	Sept. 21	Oct. 18	180
Dayton, Ohio.....	May 10	Nov. 8	May 25	Apr. 16	Sept. 30	Oct. 21	188
Toledo, Ohio.....	do.....	Oct. 1	May 29	Apr. 22	Sept. 9	Oct. 18	179
Evansville, Ind.....	Mar. 31	Nov. 9	Apr. 26	Apr. 3	Sept. 28	Oct. 30	210
Ft. Wayne, Ind.....	May 10	Nov. 12	May 28	Apr. 17	Sept. 14	Oct. 22	188
Indianapolis, Ind.....	May 9	Nov. 8	May 25	Apr. 16	Sept. 21	Oct. 21	188
Cairo, Ill.....	Mar. 28	Nov. 9	Apr. 30	May 29	Sept. 30	Oct. 30	215
Chicago, Ill.....	May 10	Nov. 8	May 25	Apr. 15	Sept. 20	Oct. 21	189
Peoria, Ill.....	Apr. 21	Nov. 6	May 11	Apr. 14	Sept. 26	Oct. 20	189
Springfield, Ill.....	Apr. 14	Nov. 9	May 25	Apr. 15	Sept. 25	Oct. 19	187
Alpena, Mich.....	May 30	Sept. 25	June 9	May 12	Sept. 6	Oct. 3	144
Detroit, Mich.....	May 9	Oct. 1	May 31	Apr. 27	Sept. 20	Oct. 16	172
Grand Rapids, Mich.....	do.....	Sept. 25	May 30	May 1	Sept. 25	Oct. 17	160
Lansing, Mich.....	May 10	Sept. 26	May 28	May 2	Sept. 8	Oct. 11	162
Ludington, Mich.....	do.....	Sept. 25	June 17	May 10	Sept. 4	Oct. 16	159
Marquette, Mich.....	May 9	do.....	June 6	May 12	Sept. 5	Oct. 10	151
Green Bay, Wis.....	do.....	Sept. 26	May 30	May 5	Sept. 16	Oct. 9	164
La Crosse, Wis.....	May 29	Sept. 25	June 4	May 29	Sept. 10	Oct. 10	164
Madison, Wis.....	May 9	Sept. 30	May 25	Apr. 25	Sept. 16	Oct. 17	175
Millwaukee, Wis.....	do.....	Nov. 8	May 29	do.....	Sept. 25	Oct. 19	177
Duluth, Minn.....	May 28	Sept. 22	June 8	May 8	Sept. 10	Oct. 5	150
Minneapolis, Minn.....	Apr. 20	Sept. 25	May 20	Apr. 26	Sept. 13	Oct. 11	168
Charles City, Iowa.....	May 9	Sept. 26	May 21	Apr. 29	Sept. 12	Oct. 5	159
Des Moines, Iowa.....	Apr. 7	Nov. 8	May 31	Apr. 19	Sept. 13	Oct. 11	175
Dubuque, Iowa.....	Apr. 16	Nov. 7	May 21	do.....	Sept. 25	Oct. 16	180
Columbia, Mo.....	Mar. 30	Nov. 9	May 9	Apr. 11	Sept. 18	Oct. 19	191
St. Joseph, Mo.....	Apr. 16	Nov. 7	Apr. 28	Apr. 9	Sept. 26	Oct. 20	194
St. Louis, Mo.....	Mar. 28	Nov. 12	May 22	Apr. 3	Sept. 28	Oct. 29	209
Springfield, Mo.....	Mar. 30	Nov. 11	May 19	Apr. 9	Sept. 27	Oct. 25	199
Bismarck, N. Dak.....	May 30	Sept. 22	June 7	May 10	Aug. 23	Sept. 22	135
Devils Lake, N. Dak.....	June 1	do.....	June 4	May 15	Aug. 22	Sept. 24	132
Williston, N. Dak.....	May 28	Sept. 24	June 16	do.....	Sept. 3	Sept. 22	130
Fargo, N. Dak.....	May 30	Sept. 22	June 8	May 12	Aug. 26	Sept. 26	137
Huron, S. Dak.....	May 29	do.....	June 21	May 6	Aug. 23	Sept. 29	146
Pierre, S. Dak.....	do.....	Oct. 23	May 24	Apr. 30	Sept. 12	Oct. 6	159
Rapid City, S. Dak.....	May 30	Oct. 24	do.....	May 2	Sept. 13	Oct. 3	154
North Platte, Nebr.....	May 29	Oct. 27	May 26	May 1	Sept. 10	Oct. 5	157
Omaha, Nebr.....	Apr. 10	Oct. 29	May 19	Apr. 15	Sept. 18	Oct. 16	184
Valentine, Nebr.....	May 29	Oct. 27	June 21	May 5	Sept. 12	Oct. 2	150
Concordia, Kans.....	do.....	Nov. 7	May 19	Apr. 17	Sept. 27	Oct. 16	182
Dodge City, Kans.....	Apr. 16	Nov. 6	May 27	Apr. 16	Sept. 22	Oct. 21	188
Wichita, Kans.....	do.....	Nov. 7	May 15	Apr. 7	Sept. 23	Oct. 26	202
Washington, D. C.....	May 10	Nov. 10	May 12	Apr. 10	Oct. 2	do.....	199
Lynchburg, Va.....	do.....	Nov. 9	May 17	Apr. 9	do.....	Oct. 27	201
Norfolk, Va.....	Mar. 28	Nov. 29	Apr. 26	Mar. 23	Oct. 11	Nov. 18	240
Richmond, Va.....	Mar. 31	Nov. 13	do.....	Mar. 29	Oct. 12	Nov. 2	218
Wytheville, Va.....	May 11	Sept. 28	May 27	Apr. 17	Sept. 19	Oct. 14	180
Elkins, W. Va.....	May 10	do.....	May 25	May 1	Sept. 20	Oct. 12	164
Parkersburg, W. Va.....	do.....	Oct. 2	May 22	Apr. 17	Sept. 29	Oct. 18	184
Asheville, N. C.....	do.....	Nov. 13	May 10	Apr. 11	Oct. 2	Oct. 22	194
Charlotte, N. C.....	Mar. 29	Nov. 26	Apr. 26	Mar. 24	Oct. 8	Nov. 7	228
Raleigh, N. C.....	do.....	Nov. 27	do.....	Mar. 28	do.....	do.....	226
Wilmington, N. C.....	Mar. 27	Dec. 1	Apr. 21	Mar. 18	Oct. 16	Nov. 15	242
Charleston, S. C.....	do.....	Nov. 29	Apr. 6	Mar. 2	Oct. 28	Nov. 29	272
Columbia, S. C.....	Mar. 4	Nov. 27	Apr. 17	Mar. 17	Oct. 18	Nov. 18	246
Greenville, S. C.....	Mar. 9	do.....	Apr. 24	Mar. 26	Oct. 10	Nov. 6	225
Atlanta, Ga.....	Mar. 29	do.....	Apr. 17	Mar. 23	Oct. 11	Nov. 9	231

See footnotes at end of table.

TABLE 795.—Frost: Dates of killing frosts, 1947, with length of growing season—Continued

Station	Date of last killing frost in spring 1947	Date of first killing frost in fall 1947	Averages and extremes of killing frost <sup>1</sup>				Length of growing season between average dates of killing frosts
			Spring frosts		Fall frosts		
			Latest date	Average date	Earliest date	Average date	
							<i>Days</i>
Augusta, Ga.	Mar. 3	Dec. 1	Apr. 17	Mar. 13	Oct. 21	Nov. 13	245
Macon, Ga.	Mar. 29	Nov. 27	Apr. 18	Mar. 14	Oct. 24	Nov. 15	246
Savannah, Ga.	Mar. 4	Dec. 2	Apr. 13	Feb. 26	Oct. 25	Nov. 26	273
Thomasville, Ga.	Mar. 3	do.	Apr. 26	Mar. 7	Oct. 21	Nov. 20	258
Apalachicola, Fla.	do.	None	Mar. 23	Feb. 10	Nov. 13	Dec. 14	307
Avon Park, Fla.	Feb. 11	None	Mar. 14	(?)	Nov. 28	(?)	(?)
Jacksonville, Fla.	Mar. 3	None	Apr. 10	Feb. 16	Nov. 12	Dec. 8	293
Miami, Fla.	Feb. 6	None	Mar. 9	Jan. 11	Nov. 21	Dec. 29	352
Tampa, Fla.	do.	None	Mar. 19	(?)	Nov. 16	(?)	344
Chattanooga, Tenn.	Mar. 31	Nov. 9	May 15	Mar. 26	Sept. 30	Nov. 5	224
Knoxville, Tenn.	Mar. 29	Nov. 13	Apr. 26	Apr. 1	Oct. 1	Oct. 30	212
Memphis, Tenn.	Mar. 28	Nov. 12	Apr. 25	Mar. 20	Oct. 2	Nov. 6	231
Nashville, Tenn.	Mar. 31	do.	Apr. 24	Mar. 30	Oct. 7	Oct. 29	213
Birmingham, Ala.	Mar. 29	Nov. 13	Apr. 17	Feb. 16	Oct. 21	Nov. 10	299
Mobile, Ala.	Feb. 16	Dec. 26	Apr. 13	Feb. 16	Oct. 31	Dec. 7	291
Montgomery, Ala.	Feb. 3	Nov. 27	do.	Mar. 5	Oct. 21	Nov. 15	255
New Orleans, La.	Feb. 10	None	Mar. 27	Jan. 27	Nov. 11	Dec. 18	325
Shreveport, La.	Mar. 9	Dec. 14	Apr. 13	Mar. 7	Oct. 20	Nov. 15	272
Abilene, Tex.	Apr. 17	Nov. 28	Apr. 23	Mar. 23	Oct. 19	Nov. 13	233
Amarillo, Tex.	Mar. 8	Nov. 2	May 7	Apr. 14	Oct. 16	Nov. 1	201
Brownsville, Tex.	Jan. 4	None	Mar. 14	Jan. 23	Nov. 13	Dec. 25	336
Corpus Christi, Tex.	Mar. 8	None	Mar. 19	Feb. 15	Nov. 15	Dec. 15	303
Del Rio, Tex.	Jan. 19	Jan. 14	Mar. 27	Feb. 21	Oct. 27	Dec. 2	284
El Paso, Tex.	Mar. 16	Nov. 7	Apr. 26	Mar. 19	Oct. 23	Nov. 16	242
Fort Worth, Tex.	do.	Dec. 12	Apr. 9	Mar. 11	Oct. 22	Nov. 15	249
Galveston, Tex.	Feb. 8	None	Mar. 19	Jan. 19	Nov. 16	Dec. 26	341
Palestine, Tex.	Mar. 8	Dec. 12	Apr. 5	Mar. 8	Oct. 20	Nov. 20	257
San Antonio, Tex.	Mar. 17	Dec. 26	do.	Feb. 24	Oct. 30	Dec. 1	279
Taylor, Tex.	Mar. 16	Nov. 8	Apr. 13	Mar. 7	Oct. 30	Nov. 26	264
Oklahoma City, Okla.	Mar. 20	Nov. 11	Apr. 30	Mar. 28	Oct. 7	Nov. 6	223
Forth Smith, Ark.	Mar. 28	Nov. 8	Apr. 17	Mar. 23	Oct. 9	do.	228
Little Rock, Ark.	do.	Nov. 12	Apr. 10	Mar. 17	Oct. 22	Nov. 14	242
Havre, Mont.	May 28	Oct. 25	June 6	May 12	Aug. 25	Sept. 22	182
Helena, Mont.	do.	Sept. 19	June 9	May 6	do.	Sept. 29	146
Kalispell, Mont.	Apr. 16	Oct. 22	June 7	May 4	Sept. 6	Oct. 1	150
Miles City, Mont.	May 29	Oct. 24	May 31	May 1	Sept. 7	Oct. 3	155
Cheyenne, Wyo.	do.	Oct. 22	June 13	May 16	Aug. 25	Sept. 27	134
Lander, Wyo.	do.	Oct. 23	June 20	May 15	Aug. 22	Sept. 20	128
Sheridan, Wyo.	do.	Oct. 13	June 2	May 14	Aug. 25	Sept. 22	131
Denver, Colo.	Apr. 16	Oct. 23	June 6	Apr. 30	Sept. 12	Oct. 11	164
Grand Junction, Colo.	Apr. 12	Oct. 26	May 17	Apr. 12	Sept. 14	Oct. 22	193
Pueblo, Colo.	Apr. 17	Oct. 23	June 2	Apr. 24	Sept. 12	Oct. 18	177
Roswell, N. Mex.	do.	Nov. 2	May 7	Apr. 7	Oct. 10	Oct. 30	206
Albuquerque, N. Mex.	Apr. 25	Nov. 4	May 27	Apr. 20	Sept. 18	Oct. 23	185
Flagstaff, Ariz.	Apr. 27	Oct. 22	June 19	May 29	Sept. 9	Sept. 29	121
Phoenix, Ariz.	Jan. 30	Dec. 11	Mar. 31	Feb. 5	Nov. 5	Dec. 5	313
Tucson, Ariz.	Jan. 31	Nov. 7	May 3	Mar. 19	Oct. 16	Nov. 19	245
Yuma, Ariz.	None	Dec. 9	Mar. 15	Jan. 16	Nov. 19	Dec. 23	341
Modena, Utah	Apr. 24	Sept. 22	July 13	May 20	Sept. 5	Oct. 3	136
Salt Lake City, Utah	do.	Oct. 24	June 18	Apr. 23	Sept. 18	Oct. 19	179
Reno, Nev.	June 4	Sept. 20	June 25	May 11	Sept. 6	Oct. 8	150
Winnemucca, Nev.	Apr. 27	Sept. 19	June 22	do.	Aug. 22	Sept. 28	140
Boise, Idaho	Apr. 5	Oct. 22	June 16	Apr. 25	Sept. 11	Oct. 14	172
Lewiston, Idaho	Apr. 7	Nov. 22	May 10	Apr. 4	Sept. 21	Oct. 25	204
Pocatello, Idaho	Apr. 26	Sept. 19	June 1	Apr. 29	Sept. 8	Oct. 5	159
Seattle, Wash.	Mar. 25	Nov. 23	May 10	Mar. 12	Oct. 18	Nov. 25	258
Spokane, Wash.	Apr. 23	Oct. 25	June 8	Apr. 13	Sept. 7	Oct. 14	184
Walla Walla, Wash.	May 6	Nov. 19	May 9	Mar. 30	Sept. 24	Nov. 4	219
Baker, Oreg.	Apr. 12	Sept. 14	June 23	May 13	Aug. 30	Sept. 25	135
Portland, Oreg.	Feb. 28	Nov. 23	May 2	Mar. 11	Oct. 13	Nov. 23	257
Roseburg, Oreg.	Mar. 6	Nov. 21	May 24	Apr. 4	Sept. 24	Nov. 9	219
Eureka, Calif.	Jan. 15	None	Apr. 8	Mar. 16	Nov. 7	Dec. 18	277
Fresno, Calif.	Jan. 19	Nov. 7	Apr. 14	Feb. 14	Oct. 31	Dec. 1	290
Independence, Calif.	Mar. 9	Nov. 4	May 24	Apr. 11	Sept. 24	Oct. 30	202
Los Angeles, Calif.	None	None	Feb. 17	Jan. 3	Nov. 2	Dec. 29	360
Red Bluff, Calif.	Jan. 31	Nov. 24	May 9	Mar. 8	Oct. 29	Dec. 3	270
Redding, Calif.	do.	Dec. 9	May 1	Feb. 24	Oct. 17	Dec. 5	284
Sacramento, Calif.	Jan. 29	Nov. 21	May 7	Feb. 9	Oct. 28	Dec. 9	303
San Bernardino, Calif.	Jan. 31	Nov. 11	Apr. 23	Mar. 17	Oct. 2	Nov. 23	251
San Diego, Calif.	None	None	Jan. 31	(?)	Dec. 25	(?)	365
San Francisco, Calif.	do.	do.	Mar. 27	Jan. 9	Dec. 4	Dec. 29	354

<sup>1</sup> Average dates from beginning of record through 1930; extreme dates from beginning of record through 1947.

<sup>2</sup> Frosts do not occur every year.

<sup>3</sup> 1948.

TABLE 796.—*Precipitation: Monthly and annual, by States, 1947*

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>
Maine.....	2.90	3.60	3.01	2.09	5.32	4.50	4.77	1.38	2.53	0.44	4.37	1.75	36.66
New Hampshire.....	3.73	2.42	3.34	2.56	5.14	5.54	5.35	1.62	2.09	0.78	5.06	1.98	39.61
Vermont.....	3.78	2.28	3.57	2.67	5.92	6.01	5.87	2.57	1.98	1.10	4.67	2.14	42.53
Massachusetts.....	3.17	2.04	3.20	4.63	4.22	3.64	4.37	2.16	3.26	1.81	5.21	3.24	40.95
Rhode Island.....	3.03	1.24	3.28	5.39	4.08	3.52	4.38	1.88	3.21	3.07	5.23	3.22	41.53
Connecticut.....	2.84	2.58	3.11	4.49	4.40	4.05	4.47	3.02	3.34	2.15	6.68	2.98	44.11
New York.....	3.89	1.63	3.27	4.08	6.33	4.76	5.90	2.42	2.80	1.34	4.28	2.39	43.09
New Jersey.....	3.71	1.97	2.71	4.33	7.22	3.71	4.27	3.83	2.68	2.06	6.49	2.85	45.83
Pennsylvania.....	3.65	1.39	2.27	3.86	6.36	4.04	6.23	3.85	2.35	1.34	4.22	1.52	41.08
Ohio.....	4.74	0.62	1.68	5.31	5.82	5.55	3.79	4.39	3.37	1.67	2.27	1.61	40.82
Indiana.....	3.80	0.34	2.17	7.03	5.17	5.21	3.12	3.44	3.98	2.30	1.98	1.66	40.20
Illinois.....	2.21	0.19	2.44	6.41	4.32	6.31	1.86	2.20	3.53	3.13	2.39	2.14	37.12
Michigan.....	2.13	1.41	1.71	4.85	4.91	2.95	2.68	2.52	4.48	1.08	2.41	1.71	32.84
Wisconsin.....	1.22	0.32	1.17	3.91	3.93	4.55	2.73	3.63	3.75	1.57	2.21	1.00	29.99
Minnesota.....	0.54	0.37	0.68	3.40	2.37	5.28	1.85	3.66	2.87	1.61	2.33	0.55	25.51
Iowa.....	1.46	0.31	1.38	5.06	4.26	10.39	1.72	1.49	2.10	3.76	1.83	1.47	35.23
Missouri.....	1.30	0.26	2.80	6.78	4.38	8.19	2.17	1.81	3.83	3.83	2.65	1.84	39.84
North Dakota.....	0.35	0.40	0.34	1.48	1.11	5.81	1.79	2.67	1.45	1.31	1.05	0.42	18.18
South Dakota.....	0.53	0.29	0.64	2.29	1.25	6.24	1.00	1.03	1.18	1.83	1.74	0.17	18.19
Nebraska.....	0.58	0.23	0.61	2.76	2.91	8.19	1.81	0.98	1.71	1.19	1.51	0.87	23.35
Kansas.....	0.58	0.32	2.47	4.67	4.50	5.20	1.91	1.84	1.40	1.29	1.17	2.08	27.43
Delaware.....	4.79	1.41	1.92	3.89	6.63	3.54	3.66	2.97	3.23	1.87	5.47	2.19	41.57
Maryland.....	3.82	1.64	1.66	2.65	5.17	4.53	4.40	3.30	2.98	1.47	5.42	1.50	38.54
District of Columbia.....	3.72	1.65	1.24	3.37	4.05	5.76	5.35	3.68	3.70	1.31	5.09	1.47	40.39
Virginia.....	5.04	1.59	2.39	2.47	3.34	4.36	3.93	4.05	4.31	2.97	4.60	3.25	40.30
West Virginia.....	4.59	1.64	2.27	2.11	3.57	3.80	4.46	4.65	3.52	1.48	3.03	1.36	36.48
North Carolina.....	6.21	1.30	3.53	3.44	2.68	4.83	4.99	4.89	5.68	5.32	6.17	2.19	51.23
South Carolina.....	5.06	0.84	5.26	4.38	3.03	4.54	5.37	5.62	4.76	4.53	7.35	4.56	55.30
Georgia.....	7.44	1.60	6.87	5.22	4.29	5.22	2.97	4.95	3.37	4.53	7.92	5.30	59.68
Florida.....	2.51	3.56	6.84	5.05	4.80	8.75	8.11	7.08	10.48	6.88	5.84	2.80	72.70
Kentucky.....	6.04	0.54	2.96	4.84	5.66	4.74	3.82	3.89	3.04	2.20	2.82	1.79	41.74
Tennessee.....	8.21	1.60	3.15	4.17	5.18	3.56	3.54	3.12	1.96	2.70	4.38	2.55	44.12
Alabama.....	10.07	1.98	7.13	6.82	5.93	4.70	3.48	3.68	2.61	1.80	8.09	4.77	61.06
Mississippi.....	9.78	1.68	6.08	7.89	5.37	4.63	2.21	2.68	3.48	1.80	7.72	4.62	57.94
Arkansas.....	2.33	0.78	2.69	5.74	5.50	3.88	1.25	2.20	3.28	3.72	5.06	4.17	40.60
Louisiana.....	8.53	2.07	8.30	6.86	5.28	4.61	2.02	3.45	4.14	1.83	9.58	6.66	63.33
Oklahoma.....	0.73	0.19	1.53	6.87	6.83	3.71	1.99	1.17	2.04	1.90	2.12	2.33	31.41
Texas.....	2.57	0.58	2.37	2.28	5.05	2.17	0.98	3.04	1.11	1.24	2.68	2.81	26.88
Montana.....	0.76	0.72	0.96	0.99	0.97	3.95	0.81	1.98	1.88	1.33	1.26	0.68	16.29
Idaho.....	1.60	1.04	1.72	1.17	1.40	2.67	0.18	0.61	1.52	2.78	2.21	1.46	18.36
Wyoming.....	0.62	0.65	0.90	1.63	2.42	4.21	0.98	1.07	1.14	1.21	1.36	0.51	16.70
Colorado.....	0.62	0.83	0.97	1.55	2.85	2.63	1.75	2.38	1.07	1.89	0.72	0.89	18.15
New Mexico.....	0.51	0.25	0.38	0.42	1.77	0.59	1.31	2.98	0.48	0.71	0.67	0.90	10.97
Arizona.....	0.35	0.28	0.13	0.04	0.67	0.11	0.94	3.12	0.71	1.08	0.88	1.26	9.57
Utah.....	0.95	0.82	0.93	1.68	1.64	2.30	0.35	2.18	0.90	1.83	1.61	1.44	16.63
Nevada.....	0.26	0.46	0.32	0.65	1.02	0.40	0.04	0.29	0.19	0.66	0.69	0.79	5.77
Washington.....	5.02	3.18	2.43	2.51	0.59	3.01	1.10	0.47	1.87	7.39	3.71	4.99	36.27
Oregon.....	2.83	1.75	3.04	1.84	0.86	3.27	1.00	0.40	0.86	5.38	3.11	2.55	26.89
California.....	0.98	2.01	3.21	0.67	0.46	0.75	0.11	0.17	0.10	2.89	0.88	1.50	13.73

Weather Bureau, Department of Commerce. These figures are simple averages of the precipitation readings at all the weather stations in each State.

## MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter of the book contains miscellaneous statistics which do not fit into the preceding chapters. Included here are weather data pertaining to farming; statistics of fishery products and of refrigerated warehouse space, and data relating to frozen-food locker plants. This chapter also covers the work of the Agricultural Extension Service.



TABLE 797.—Commercial fisheries of the United States and Alaska: Catch and disposition of catch, 1929-47 (round weight)

Year	Catch	Disposition			
		Fresh and frozen	Canned	Cured	Byproducts and bait
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1929	3,567	1,352	1,286	150	779
1930	3,287	1,389	1,077	145	676
1931	2,657	1,121	962	130	444
1932	2,614	1,032	787	140	655
1933	2,933	1,012	991	135	795
1934	4,058	1,087	1,293	130	1,548
1935	4,066	1,250	1,220	130	1,466
1936	4,760	1,321	1,459	135	1,845
1937	4,352	1,338	1,356	130	1,528
1938	4,253	1,355	1,234	130	1,534
1939	4,443	1,366	1,281	130	1,666
1940	4,059	1,461	1,280	130	1,188
1941	5,080	1,660	1,645	125	1,650
1942	3,877	1,407	1,230	115	1,125
1943	4,202	1,547	1,150	105	1,400
1944	4,504	1,589	1,225	110	1,580
1945	4,570	1,841	1,230	110	1,389
1946 <sup>1</sup>	4,396	1,651	1,220	115	1,410
1947 <sup>1</sup>	4,350	1,650	1,275	115	1,385

<sup>1</sup> Preliminary.

Fish and Wildlife Service, Department of the Interior.

TABLE 798.—Canned fishery products in the United States and Alaska: Production and value, 1938-47

PRODUCTION<sup>1</sup>

Year	Salmon	Sardines		Tuna and tuna-like fishes	Mack-erel	Shrimp	Clam products <sup>1</sup>	Oysters	Other products <sup>1</sup>	Total
		Maine	California							
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1938	349,427	13,634	101,776	60,945	43,453	18,113	19,312	7,237	35,516	649,413
1939	287,621	44,872	139,864	79,695	40,023	20,651	24,515	9,080	41,956	688,277
1940	269,040	22,690	132,565	91,144	63,985	16,744	24,257	9,668	51,101	681,194
1941	375,918	63,565	225,322	61,563	42,075	16,468	25,271	9,190	66,590	885,962
1942	280,080	55,219	168,508	52,500	32,454	14,450	21,331	7,318	28,474	660,334
1943	273,802	47,772	150,961	56,563	42,176	9,907	12,197	4,842	22,660	620,880
1944	246,655	61,627	164,291	70,185	55,128	8,425	13,661	3,830	34,858	658,660
1945	235,596	51,061	169,469	88,978	31,174	3,225	21,502	3,164	42,217	686,386
1946	216,488	61,315	133,973	93,888	43,297	7,832	40,493	5,472	96,620	699,378
1947	270,837	57,544	74,367	117,469	78,973	7,085	36,136	5,747	105,975	754,133

VALUE

	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1938	42,366	2,367	7,102	15,184	2,896	4,872	3,190	1,886	3,583	83,446
1939	41,781	7,075	9,554	20,080	2,589	5,398	3,798	2,379	3,974	96,628
1940	38,050	3,736	8,975	23,728	4,101	4,318	3,778	2,527	4,969	94,182
1941	67,417	12,476	18,092	19,398	3,504	4,883	3,711	2,997	6,206	138,684
1942	61,974	11,692	15,510	30,742	3,693	7,347	3,791	3,599	6,649	144,997
1943	62,935	10,686	14,352	31,430	5,271	5,361	2,802	2,822	5,530	141,189
1944	56,383	14,224	15,226	40,836	7,034	4,855	3,821	2,283	8,252	152,914
1945	52,586	11,520	15,346	47,407	4,047	1,919	7,391	2,030	10,555	152,801
1946	70,161	19,549	19,896	59,136	7,575	8,429	11,145	5,249	26,489	227,629
1947	120,660	27,678	16,538	90,609	15,019	8,192	8,642	4,259	23,342	310,680

<sup>1</sup> Represents the net weight of canned products. In the classifications "Clam products" and "Other products," the weight of any chowders, soups, and juices includes the weight of the entire mixture, which may contain potatoes and other vegetables, etc.

Fish and Wildlife Service, Department of the Interior.  
Data for 1933-37 in Agricultural Statistics, 1947, table 770.

TABLE 799.—*Fresh and frozen packaged fish: 1 Production and value, by principal species, United States, 1929-47*

Year	Cod		Flounders		Haddock		Rosefish		Whiting <sup>2</sup>		Other		Total	
	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars	Quantity 1,000 pounds	Value 1,000 dollars
1929	3,485	601	923	222	71,367	12,732	---	---	---	---	8,022	1,259	84,397	14,814
1930	6,002	971	1,118	280	62,146	9,844	---	---	---	---	8,103	1,271	77,829	12,277
1931	8,721	1,118	1,404	280	42,311	6,152	---	---	---	---	12,508	1,893	65,074	9,452
1932 <sup>3</sup>	7,786	1,857	1,687	246	3,357	3,357	---	---	---	---	9,101	1,262	51,975	5,742
1933	11,577	1,242	3,756	548	33,149	3,457	---	---	---	---	12,250	1,700	62,732	6,967
1934	15,239	1,677	4,648	722	36,668	3,801	4.55	---	---	---	23,003	2,746	80,406	9,001
1935	17,747	1,751	6,166	973	46,988	4,427	4,320	---	---	---	32,777	3,611	107,498	11,292
1936	17,896	1,895	5,850	906	41,187	4,266	19,321	---	---	---	32,902	3,566	113,356	12,147
1937	22,907	2,282	7,870	1,267	40,241	4,102	13,909	---	---	---	32,902	3,655	116,992	12,861
1938	21,180	2,025	8,115	1,253	41,653	3,428	19,152	1,908	---	---	32,464	3,679	129,976	12,315
1939	19,401	1,930	10,645	1,432	38,432	3,783	25,003	2,544	---	---	32,464	3,777	137,268	14,428
1940	14,541	1,780	11,245	1,542	36,747	4,479	22,997	2,272	---	---	31,366	3,731	129,420	14,345
1941	16,700	2,435	24,455	3,171	46,912	6,848	41,817	4,808	---	---	30,634	5,184	182,951	23,030
1942 <sup>4</sup>	12,930	2,778	24,869	5,807	41,875	9,661	37,680	6,907	---	---	34,862	6,538	173,362	33,991
1943 <sup>5</sup>	12,713	2,778	21,517	7,209	32,219	9,091	31,012	6,952	---	---	22,315	2,194	158,339	17,820
1944 <sup>5</sup>	22,083	5,401	18,073	5,423	38,403	10,597	34,531	7,745	---	---	40,694	8,637	172,904	37,589
1945 <sup>5</sup>	23,864	7,452	19,961	6,086	44,197	12,349	35,456	7,673	---	---	46,490	11,713	204,927	48,371
1946 <sup>5</sup>	18,132	4,747	21,900	6,877	42,441	12,987	49,507	11,710	---	---	22,129	7,794	188,480	46,283
1947	14,032	3,459	20,594	7,094	43,205	12,094	50,587	11,941	---	---	28,631	7,506	181,967	41,652

<sup>1</sup> Packaged fish represents production of filets, steaks, and sticks by wholesale dealers.

<sup>2</sup> No production of this item is shown in the records from 1929 through 1937.

<sup>3</sup> Does not include the California production.

<sup>4</sup> Estimated.

<sup>5</sup> Production in California is not included. In 1941, the last year these data were available, the yield of packaged fish in California totaled 5,384,000 pounds, valued at \$1,031,740. Of this production 1,330,000 pounds, valued at \$226,200 were flounders, and 4,004,000 pounds, valued at \$805,540, were other fish.

Fish and Wildlife Service, Department of the Interior.

TABLE 800.—Fishery products: United States imports for consumption, 1943-47

Class and item	1943		1944		1945		1946		1947 <sup>1</sup>	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Edible fishery products:										
Fish, fresh or frozen:										
Fresh-water fish and eels.....	1,000 lb. 57,232	1,000 dol. 9,803	1,000 lb. 55,928	1,000 dol. 8,963	1,000 lb. 63,991	1,000 dol. 12,183	1,000 lb. 58,842	1,000 dol. 11,645	1,000 lb. 49,561	1,000 dol. 10,735
Sea herring.....	79,221	1,271	74,678	1,188	60,772	951	93,396	1,479	79,582	1,268
Filleted, skinned, boned.....	21,539	4,055	30,947	6,539	55,015	11,721	61,245	12,918	43,889	9,092
Other.....	40,652	6,244	36,421	5,606	46,987	6,947	40,829	8,086	62,779	12,872
Fish, canned:										
In oil.....	3,638	2,173	8,118	4,432	16,723	10,417	29,067	12,778	24,766	11,333
Not in oil.....	1,263	359	3,664	1,010	4,594	1,307	16,479	4,491	8,092	2,110
Fish, dried and unsalted.....	695	192	3,802	255	2,252	771	1,462	502	1,422	326
Fish, pickled or suited:										
Cod, haddock, hake, pollock, cusk.....										
Other.....	43,420	5,538	42,345	6,323	50,467	7,001	50,011	7,251	42,429	6,550
Fish, smoked, or kippered.....	41,626	3,464	44,035	4,834	43,104	4,618	58,096	6,008	4,213	
Other, prepared or preserved.....	5,828	868	8,026	1,464	9,001	1,637	12,966	2,346	6,168	1,073
Shellfish, not canned:	1,427	240	1,064	225	1,086	642	804	896	1,538	934
Lobsters.....	15,734	4,797	17,744	6,008	23,634	9,338	25,471	10,772	24,715	11,583
Other.....	9,310	2,115	12,009	3,049	24,680	5,323	21,504	6,325	20,388	6,858
Shellfish, canned:										
Crab meat.....	( <sup>2</sup> ) 2,442	( <sup>3</sup> ) 2,446	7	4	( <sup>3</sup> ) 2,820	( <sup>3</sup> ) 3,173	16	12	387	304
Other.....			3,149	3,475	2,863	4,188	2,863	4,188	6,687	3,814
Total edible products.....	324,108	43,555	339,837	53,465	404,526	76,229	473,084	89,700	407,636	83,275
Nonedible fishery products:										
Fish livers.....	4,004	2,201	4,710	2,376	4,151	1,544	3,719	1,672	2,926	1,164
Marine animal oils <sup>4</sup> .....	158,129	15,515	86,057	12,205	37,542	9,811	31,441	11,356	35,015	11,179
Fish scrap, meal, and cake.....	6,897	244	21,281	715	6,985	201	20,707	1,016	18,397	878
Total nonedible products.....	169,030	17,960	112,048	15,296	48,678	11,556	55,867	14,044	56,338	13,711
Grand total.....	493,138	61,515	451,885	68,761	453,204	87,785	528,951	103,744	463,974	96,986

<sup>1</sup> Preliminary.  
<sup>2</sup> Less than 500 pounds.  
<sup>3</sup> Less than \$500.

<sup>4</sup> Cod oil, cod liver oil, cod oil, and sperm whale oil have been converted on basis of 7.5 pounds per gallon.  
 Department of Commerce. Data for 1940-42 in Agricultural Statistics, 1946, table 746.

TABLE 801.—Domestic fishery products: United States exports, 1943-47

Class and item	Unit of quantity	1943		1944		1945		1946		1947 <sup>7</sup>	
		Quantity	Value <i>1,000 dollars</i>	Quantity	Value <i>1,000 dollars</i>	Quantity	Value <i>1,000 dollars</i>	Quantity	Value <i>1,000 dollars</i>	Quantity	Value <i>1,000<sup>1</sup> dollars</i>
Edible fishery products:											
Fish, fresh or frozen:											
Salmon.....	1,000 pounds.....	8	3	400	44	856	140	127	44	593	217
Other.....	do.....	629	85	577	90	744	136	1,428	203	1,653	303
Fish, salted, pickled, or dry cured:											
Salmon.....	do.....	18	5	41	16	256	40	1,339	492	781	304
Cod, haddock, hake, pollock, cusk	do.....	240	54	109	90	562	90	1,826	306	1,246	278
Other.....	do.....	1,597	114	1,085	114	1,660	215	8,998	1,733	1,737	493
Fish canned:											
Salmon.....	do.....	69,486	18,014	50,156	21,205	34,549	13,279	51,359	12,890	61,574	19,745
Sardines (includes pilchard(s))	do.....	137,203	20,093	48,292	7,233	76,265	12,403	85,728	13,360	70,638	13,000
Other (except shellfish).....	do.....	27,584	3,998	2,771	509	13,793	2,430	22,797	3,790	48,581	8,993
Shellfish, not canned:											
Oysters, fresh, in the shell, shucked,	do.....	8	4	422	214	725	400	933	506	825	340
Frozen, or in ice.....	do.....	175	62	195	68	291	108	410	208	501	307
Shrimp, fresh, frozen, or in ice.....	do.....	179	86	630	286	567	305	497	456	381	372
Shrimp, dried.....	do.....										
Shellfish, canned:											
Shrimp.....	do.....	998	499	2,342	1,332	667	384	150	143	1,635	1,534
Other.....	do.....	742	126	4,425	612	3,681	599	26,753	4,419	16,782	3,190
Other fish and fish products.....	do.....	394	101	786	183	1,338	354	3,596	1,079	4,704	1,243
Total edible products.....	do.....	239,261	43,244	112,231	31,929	135,954	30,892	205,941	39,629	211,631	59,319
Nonedible fishery products:											
Marine-animal oils, except liver oils.....	do.....	26,196	2,037	10,227	849	17,426	2,552	4,378	449	11,055	1,535
Fish meal for feed.....	Tons.....	2	( <sup>2</sup> )	5	1	11	1	65	9	1	87
Furs, fur-seal, dressed or dyed.....	Number.....	579	16	6,465	240	24,503	413	8,842	421	11,640	546
Oyster shells.....	Tons.....	22,435	238	34,605	431	28,890	322	27,886	379	40,665	523
Total nonedible products.....	do.....		2,291		1,521		3,288		1,258	63,381	2,691
Grand total.....	do.....		45,535		33,450		34,180		40,887	275,012	5,301

<sup>1</sup> Preliminary.<sup>2</sup> Less than \$500.

Department of Commerce. Data for 1940-42 in Agricultural Statistics, 1946, table 747.

TABLE 802.—Frozen fishery products: Production, by geographic divisions, 1938-48<sup>1</sup>

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Pacific and Alaska	Total
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1938.....	87,097	22,952	7,757	10,525	3,836	7,410	46,519	186,096
1939.....	85,874	22,083	8,053	15,859	2,856	10,227	38,456	183,408
1940.....	87,370	22,163	6,578	15,744	3,319	12,937	48,044	196,155
1941.....	117,850	30,897	8,435	16,818	4,291	19,180	49,117	246,588
1942.....	118,462	31,891	7,565	14,150	5,043	16,935	53,119	247,165
1943.....	100,790	33,105	8,915	15,893	10,283	12,874	64,193	246,053
1944.....	120,958	32,138	8,184	11,052	4,789	16,602	72,814	266,537
1945.....	125,278	23,973	6,008	6,604	4,617	23,085	96,437	286,002
1946.....	131,823	19,415	6,416	4,503	2,400	23,428	92,080	280,065
1947.....	125,900	16,627	7,142	3,892	809	27,557	64,698	246,625
1948.....	158,969	15,385	5,739	4,322	3,207	26,888	77,478	291,988

<sup>1</sup> Total production of frozen products by 220 domestic freezers of fishery products. These are principally public cold-storage plants.

Fish and Wildlife Service, Department of the Interior.  
Data for 1932-37 in Agricultural Statistics, 1947, table 774.

TABLE 803.—Total gross refrigerated warehouse space, by type of plant, United States, biennially, 1925-47<sup>1</sup>

Year	Public cold storage only	Private and semi-private cold storage	Meat-packing establishments	Total, all types
	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>
1925.....	242,564	81,101	303,004	626,669
1927.....	273,896	82,081	311,869	667,846
1929.....	316,810	89,455	322,330	728,595
1931.....	325,703	94,075	321,065	740,843
1933.....	317,211	97,457	297,274	711,942
1935.....	322,450	84,914	303,206	710,570
1937.....	333,833	86,847	309,642	730,322
1939.....	351,368	82,510	312,562	746,440
1941.....	371,771	92,380	302,232	766,383
1943.....	389,991	91,625	<sup>2</sup> 169,650	<sup>2</sup> 651,266
1945.....	403,832	107,545	<sup>2</sup> 134,814	<sup>2</sup> 646,191
1947.....	408,232	135,816	<sup>2</sup> 130,993	<sup>2</sup> 675,041

<sup>1</sup> 1941 data from June 16 survey; all others Oct. 1.

<sup>2</sup> Reduction from earlier years is due chiefly to the elimination from reports of meat-packing establishments of the "working space" in such establishments.

Production and Marketing Administration.

TABLE 804.—Frozen-food locker plants: Number, 1947, and number, capacity, patronage, and use, 1946, by States

State	Plants operating 1947 <sup>1</sup>	1946					
		Plants operating <sup>1</sup>	Total number of individual lockers <sup>2</sup>	Average number of lockers per plant <sup>3</sup>	Percentage of patrons who are farmers <sup>3</sup>	Meat processed per locker rented <sup>3</sup>	Fruits and vegetables processed per locker rented <sup>3</sup>
	Number	Number	Thousands	Number	Percent	Pounds	Pounds
Maine.....	10	5	3.0	604	80	501	30
New Hampshire.....	26	26	12.0	463	67	371	16
Vermont.....	43	35	13.2	378	78	269	55
Massachusetts.....	29	22	13.1	596	60	230	28
Rhode Island.....	5	5	2.8	550	56	206	(4)
Connecticut.....	60	50	18.9	378	57	206	30
New York.....	218	165	104.0	630	74	311	40
New Jersey.....	16	12	9.3	776	61	285	42
Pennsylvania.....	228	184	145.9	793	60	221	32
Ohio.....	310	288	218.6	759	68	249	30
Indiana.....	290	213	135.5	636	77	380	21
Illinois.....	535	450	234.9	522	79	389	29
Michigan.....	301	232	118.3	510	74	338	31
Wisconsin.....	565	473	174.5	369	82	390	26
Minnesota.....	572	525	189.0	360	85	460	17
Iowa.....	702	655	305.2	466	82	407	22
Missouri.....	313	229	120.2	525	69	228	22
North Dakota.....	237	185	61.8	334	80	502	6
South Dakota.....	300	315	98.6	313	83	418	13
Nebraska.....	400	345	132.1	383	84	326	23
Kansas.....	420	340	167.3	492	73	271	37
Delaware.....	11	6	(4)	(4)	(4)	(4)	(4)
Maryland.....	37	29	20.7	713	65	238	26
Virginia.....	71	29	17.0	585	75	163	26
West Virginia.....	10	8	6.8	850	64	257	(4)
North Carolina.....	86	45	27.1	603	74	423	49
South Carolina.....	50	36	17.0	473	63	340	29
Georgia.....	120	101	48.6	481	66	536	34
Florida.....	26	14	4.6	327	54	844	5
Kentucky.....	86	60	29.7	495	79	216	18
Tennessee.....	110	89	36.4	409	68	204	27
Alabama.....	77	49	20.2	413	58	534	22
Mississippi.....	97	78	32.2	413	63	319	45
Arkansas.....	115	75	26.3	351	68	252	20
Louisiana.....	45	25	14.5	580	65	368	18
Oklahoma.....	299	299	140.8	471	74	249	13
Texas.....	503	402	201.8	502	64	442	23
Montana.....	181	159	57.9	361	69	281	27
Idaho.....	175	160	80.2	501	74	286	33
Wyoming.....	57	61	30.4	495	41	247	8
Colorado.....	160	135	70.2	520	71	274	11
New Mexico.....	44	32	21.4	668	65	380	8
Arizona.....	28	17	11.4	669	75	472	10
Utah.....	112	97	83.4	860	60	209	18
Nevada.....	11	7	6.2	885	42	209	6
Washington.....	576	495	257.9	521	58	196	51
Oregon.....	350	325	181.0	557	67	127	34
California.....	512	438	321.5	734	68	256	19
United States.....	9,529	8,025	4,012.5	500	73	329	24

<sup>1</sup> Number of plants operating July 1, as compiled by the Extension Service, U.S.D.A.<sup>2</sup> Total capacity, by States, computed by multiplying average capacity per plant reporting by number of plants operating.<sup>3</sup> Data on average plant capacity, percentage of farmer patronage, and pounds of meat, fruits, and vegetables processed per locker rented were compiled from reports from 2,882 plants, filed with the Farm Credit Administration. Poundage data are for calendar year 1945; other data as of Jan. 1, 1946.<sup>4</sup> Data not available.

Farm Credit Administration.

TABLE 805.—*Cooperative extension work: Projects and percentage of agents' and specialists' time devoted to each, 1941-46*<sup>1</sup>

Project	1941	1942	1943	1944	1945	1946
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Extension organization and planning.....	16.14	17.16	17.44	17.09	16.53	19.04
Farm crops.....	17.89	13.94	12.77	12.87	13.37	14.13
Animal husbandry.....	8.41	7.87	7.73	6.94	7.38	7.77
Dairy husbandry.....	4.58	3.88	3.67	3.91	4.60	4.90
Poultry husbandry.....	3.82	3.76	2.72	3.28	3.06	3.02
Soil management <sup>2</sup> .....	3.37	3.44	2.96	3.39	3.46	3.78
Forestry.....	1.13	.94	.83	.79	.90	1.12
Wildlife conservation.....	.33	.33	.28	.29	.42	.38
Agricultural economics.....	6.20	5.95	6.61	6.93	5.36	5.15
Marketing.....	1.39	4.46	5.00	4.45	4.04	4.03
The house; furnishings and surroundings.....	6.61	3.41	2.46	2.68	3.62	4.49
Rural engineering.....	2.96	2.10	2.17	1.72	2.00	2.57
Nutrition and health.....	8.19	16.81	18.01	18.18	17.44	12.33
Home management; family economics.....	2.06	1.54	1.48	1.69	1.69	1.74
Clothing and textiles.....	4.15	3.93	4.32	5.20	5.13	4.88
Family relationships, child development.....	.69	.59	.57	.75	.85	.84
Recreation and community life.....	5.91	3.10	3.34	2.74	3.10	4.09
Miscellaneous.....	6.17	6.79	6.64	7.10	7.05	5.74

<sup>1</sup> Only field work of specialists, as reported by county extension agents, is included.

<sup>2</sup> Prior to 1942, designated as soil conservation.

Extension Service. Data for 1933-40 in Agricultural Statistics, 1942, table 877.

TABLE 806.—*Extension activities as reported by all extension agents, 1941-46*

Activity	1941	1942	1943	1944	1945	1946
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Farm and home visits made.....	3, 282, 031	3, 160, 318	3, 070, 800	3, 400, 893	3, 375, 604	3, 436, 654
Office calls received.....	16, 821, 143	12, 079, 772	12, 401, 935	11, 349, 976	9, 853, 170	9, 023, 763
Telephone calls received.....	6, 581, 445	6, 931, 821	8, 116, 463	8, 027, 110	7, 770, 630	7, 444, 154
News articles or stories published.....	811, 388	795, 417	725, 409	717, 101	691, 100	725, 697
Bulletins distributed.....	14, 796, 873	22, 980, 614	30, 658, 713	25, 434, 929	19, 902, 853	17, 858, 300
Radio talks made.....	34, 764	42, 542	43, 980	43, 449	42, 075	47, 655
Training meetings held for local leaders.....	90, 926	168, 121	132, 939	123, 598	111, 133	110, 979
Method demonstration meetings held.....	599, 228	641, 765	619, 878	674, 562	663, 624	665, 032
Result demonstrations conducted.....	774, 986	242, 906	215, 466	219, 070	214, 146	212, 000
Meetings at result demonstrations.....	95, 692	55, 496	49, 370	51, 400	47, 621	49, 990
Tours conducted.....	23, 312	14, 538	14, 076	13, 668	17, 326	24, 592
Achievement days held.....	25, 158	23, 170	22, 350	24, 115	22, 487	22, 595
Counties reporting encampments held.....	2, 982	2, 197	1, 774	2, 004	2, 421	2, 832
All meetings held.....	1, 423, 794	1, 450, 019	1, 335, 445	1, 378, 946	1, 320, 668	1, 340, 023
Attendance at all meetings held.....	47, 061, 638	38, 237, 472	33, 968, 823	35, 636, 339	35, 730, 559	43, 078, 103
Voluntary local leaders assisting with:						
Adult extension.....	596, 408	974, 335	901, 917	965, 257	898, 747	878, 338
Junior extension.....	155, 881	157, 726	164, 944	167, 623	178, 512	186, 094
Adult home demonstration groups.....	53, 820	55, 577	52, 445	50, 108	49, 351	50, 008
Members of such groups.....	1, 178, 178	1, 258, 852	1, 161, 005	1, 106, 089	1, 126, 320	1, 162, 346

Extension Service. Data for 1935-40 in Agricultural Statistics, 1942, table 878.

TABLE 807.—Cooperative extension workers: Number employed, by States, June 30, 1946, and June 30, 1947<sup>1</sup>

State, division, and Territory	County agricultural agents and assistants		County home demonstration agents and assistants		County 4-H Club agents and assistants		Administrators and supervisors		Subject-matter specialists		Total	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
Maine.....	17	18	13	16	14	12	6	5	17	18	67	69
New Hampshire.....	17	19	12	11	13	13	7	6	22	15	71	64
Vermont.....	21	15	13	11	12	12	6	6	17	19	69	63
Massachusetts.....	25	27	19	21	23	24	8	8	23	26	98	106
Rhode Island.....	3	3	3	3	4	5	3	3	10	10	23	24
Connecticut.....	14	15	8	10	16	16	6	7	25	24	69	72
New England.....	97	97	68	72	82	82	36	35	114	112	397	398
New York.....	105	115	79	85	79	84	15	17	105	109	383	410
New Jersey.....	28	29	26	26	16	16	6	6	23	26	99	103
Pennsylvania.....	94	105	72	82	-----	-----	15	17	55	60	236	264
Middle Atlantic.....	227	249	177	193	95	100	36	40	183	195	718	777
Ohio.....	111	116	64	70	4	3	15	18	61	57	255	264
Indiana.....	126	128	60	64	8	5	21	17	47	61	262	275
Illinois.....	122	112	76	93	35	42	19	19	48	56	300	322
Michigan.....	88	89	37	43	36	41	18	23	65	71	244	267
Wisconsin.....	92	96	56	63	9	17	15	19	62	64	234	259
East North Central.....	539	541	293	333	92	108	88	96	283	309	1,295	1,387
Minnesota.....	96	96	45	49	50	78	20	21	40	40	251	284
Iowa.....	96	98	63	77	16	81	21	23	84	100	280	379
Missouri.....	187	184	115	149	-----	1	19	20	34	38	355	392
North Dakota.....	58	57	11	15	-----	-----	10	13	18	21	97	106
South Dakota.....	56	57	26	24	3	-----	12	14	22	21	119	116
Nebraska.....	95	96	32	39	-----	-----	14	13	37	34	178	182
Kansas.....	110	105	58	73	18	18	18	20	55	58	259	274
West North Central.....	698	693	350	426	87	178	114	124	290	312	1,539	1,733
Delaware.....	5	5	4	4	3	3	3	4	10	12	25	28
Maryland.....	39	42	31	29	-----	-----	8	8	33	42	111	121
Virginia.....	172	179	116	113	-----	-----	25	24	44	48	357	364
West Virginia.....	56	60	50	45	32	35	13	13	40	43	191	196
North Carolina.....	241	264	197	219	-----	-----	26	26	49	55	513	564
South Carolina.....	111	107	82	84	-----	-----	21	23	42	55	256	269
Georgia.....	218	236	141	156	-----	-----	28	28	35	43	422	463
Florida.....	84	92	56	59	-----	5	16	14	18	18	174	188
South Atlantic.....	926	985	677	709	35	43	140	140	271	316	2,049	2,193
Kentucky.....	159	163	75	95	-----	-----	23	26	33	37	290	321
Tennessee.....	215	212	122	118	-----	-----	21	19	45	39	403	388
Alabama.....	208	223	146	139	-----	-----	22	21	43	43	419	426
Mississippi.....	208	207	163	164	-----	-----	28	24	43	44	442	439
East South Central.....	790	805	506	516	-----	-----	94	90	164	163	1,554	1,574
Arkansas.....	118	121	107	113	-----	-----	18	18	25	31	268	283
Louisiana.....	118	134	117	126	-----	-----	16	17	32	39	283	316
Oklahoma.....	137	141	132	111	-----	-----	15	16	31	39	315	307
Texas.....	364	348	255	255	-----	-----	42	42	40	46	701	691
West South Central.....	737	744	611	605	-----	-----	91	93	128	155	1,567	1,597
Montana.....	37	43	23	25	-----	-----	7	9	18	22	85	99
Idaho.....	34	37	7	11	13	13	8	9	21	16	83	86
Wyoming.....	27	31	13	17	-----	-----	6	6	17	14	63	68
Colorado.....	57	47	30	30	12	13	8	8	25	29	132	127
New Mexico.....	45	41	20	20	-----	-----	7	7	14	13	86	81
Arizona.....	20	20	8	8	-----	-----	4	4	13	8	45	40
Utah.....	36	35	20	27	-----	-----	7	8	20	20	83	90
Nevada.....	14	19	7	7	-----	-----	4	4	8	6	33	36
Mountain.....	270	273	128	145	25	26	51	55	136	128	610	627
Washington.....	63	73	36	40	-----	-----	7	8	22	21	128	142
Oregon.....	63	63	30	30	17	21	10	11	28	34	148	159
California.....	138	168	44	56	-----	-----	14	12	31	37	227	273
Pacific.....	264	304	110	126	17	21	31	31	81	92	503	574

See footnotes at end of table.



TABLE 807.—*Cooperative extension workers: Number employed, by States, June 30, 1946, and June 30, 1947*<sup>1</sup>—Continued

State, division, and Territory	County agricultural agents and assistants		County home demonstration agents and assistants		County 4-H Club agents and assistants		Administrators and supervisors		Subject-matter specialists		Total	
	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947	1946	1947
Alaska.....	0	1	2	2	—	—	4	4	—	—	6	7
Hawaii.....	27	31	17	17	—	—	4	7	10	15	58	70
Puerto Rico.....	49	44	35	32	—	—	14	14	25	30	123	120
Total.....	76	76	54	51	—	—	22	25	35	45	187	197
Grand total.....	4,624	4,767	2,974	3,176	433	558	703	729	1,685	1,827	10,419	11,057

<sup>1</sup> Includes both white and Negro extension workers.

Extension Service. Data for earlier years in previous issues of Agricultural Statistics.

TABLE 808.—4-H Club work: Number of clubs, enrollment, projects completed, etc.—1941-46<sup>1</sup>

Item	1941	1942	1943	1944	1945	1946
Junior clubs.....	77,988	75,515	74,813	74,327	75,146	74,597
Different boys enrolled.....	617,733	641,443	734,673	701,531	687,803	722,583
Different girls enrolled.....	786,967	801,805	904,800	889,067	874,819	892,456
Total enrollment.....	1,404,700	1,443,248	1,639,473	1,590,598	1,562,622	1,615,039
Different boys completing <sup>2</sup> .....	462,648	477,165	543,532	528,121	521,667	540,405
Different girls completing <sup>2</sup> .....	590,905	607,636	681,195	680,289	673,430	688,931
Total completing.....	1,053,553	1,084,801	1,224,727	1,208,410	1,195,097	1,229,336
Projects started.....	2,856,110	3,103,625	3,577,519	3,420,733	3,316,697	3,269,804
Projects completed (total).....	2,066,464	2,298,060	2,655,334	2,565,330	2,498,408	2,464,364
Corn.....	65,969	63,307	66,179	74,862	75,639	81,665
Other cereals.....	9,264	5,708	4,828	5,730	6,505	7,068
Peanuts.....	9,476	19,003	18,853	15,485	12,873	10,681
Soybeans, field peas, alfalfa and other legumes.....	6,987	6,459	6,201	7,088	6,272	6,544
Potatoes: Irish and sweet.....	31,597	33,877	43,752	40,623	40,052	38,222
Cotton.....	16,240	17,767	16,064	17,842	20,008	20,545
Tobacco.....	8,035	6,865	6,794	9,279	12,912	13,137
Fruits.....	17,914	17,523	15,406	14,854	21,870	20,002
Home gardens.....	178,551	305,946	433,718	398,819	348,147	286,139
Market gardens, truck, and canning crops.....	6,636	12,603	16,309	17,106	15,712	16,624
Other crops.....	3,869	8,583	7,111	7,245	6,871	8,225
Poultry (including turkeys).....	128,423	167,911	219,416	192,958	170,191	162,166
Dairy cattle.....	62,221	61,815	65,797	70,248	74,997	77,470
Beef cattle.....	54,050	51,436	49,318	52,588	63,167	71,969
Sheep.....	25,369	22,813	19,038	18,174	17,771	18,143
Hogs.....	98,592	117,017	163,776	143,570	123,689	128,509
Other livestock.....	6,032	5,403	7,631	9,127	8,892	9,277
Beautification of home grounds.....	74,618	72,776	72,915	71,004	71,164	74,628
Forestry.....	17,248	14,548	9,336	9,598	10,145	13,589
Wildlife and nature study (rabbits, game, fur animals).....	17,688	20,688	18,125	23,022	23,390	27,254
Agricultural engineering, farm shop, electricity.....	12,716	12,981	12,651	12,868	14,785	17,662
Food selection and preparation.....	253,895	283,393	269,281	274,542	285,253	281,222
Food preservation.....	177,649	234,654	287,275	269,930	236,587	211,210
Health, home nursing, and first aid.....	188,290	165,647	154,739	134,169	155,510	164,124
Clothing.....	339,926	323,185	342,193	350,169	357,999	382,792
Home management.....	25,470	31,505	36,062	44,411	45,813	47,596
Home furnishings and room improvement.....	104,380	103,670	103,780	103,953	106,454	113,819
Home industry, arts, and crafts.....	74,370	62,373	50,912	52,647	52,229	60,320
Junior leadership.....	15,101	22,450	21,464	25,683	24,694	25,863
Miscellaneous.....	35,888	26,154	116,410	97,736	88,817	67,899

<sup>1</sup> 4-H Clubs provide for rural young people training of head, heart, hands, and health.

<sup>2</sup> Different boys and girls completing is the sum of the individual boys and girls completing one or more projects, in contrast to project completions, which is the sum of all the projects completed by all boys and girls.

Extension Service. Data for 1934-40 in Agricultural Statistics, 1942, table 879.







