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FRUIT
SITUATION
TFS-136


Of the 35 pounds (fresh weight equivalent) of fresh and processed apples consumed per person in 1935, about 93 percent were eaten as fresh apples and 7 percent in processed form. By 1959, when consumption had dropped to 29 pounds, about 75 per-
cent were eaten fresh and 25 percent processed. Out of every 20 apples consumed in 1959, about 15 were eaten fresh, 3 as canned apples and applesauce, and 2 as canned juice and frozen and dried apples.

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From 1935 to 1959 , the pack of canned applesauce increased 8 -fold while that of canned apples about
doubled. Output of the two items combined quadrupled. The frequent sharp annual changes in size of
the packs are associated with similar changes in size of the apple crops.

Approved by the Outlook and Situation Board, August 23, 1960


## SUMMARY

Supplies of fresh market deciduous fruits are expected to be generally smaller during late summer and early fall than a year earlier, though seasonally large. Supplies of fresh citrus not only will be smaller than a year earlier but also seasonally light. Growers' prices for most fresh market fruits, both deciduous and citrus, are expected to continue higher during late summer and early fall than in the same period last year. Prices for the lighter supplies of Bartlett pears and sour cherries for processing have been reported higher than in 1959, those for peaches and apricots lower.

Total production of deciduous fruits in 1960 is expected to be about 7 percent smaller than in 1959 but 3 percent above the 1949-58 average, according to the August crop report. All major deciduous crops are smaller than in 1959, except apricots and sweet cherries. Among important fruits marketed in late summer and early fall, the peach and grape crops are each about l percent smaller than in 1959, and apples and pears are each 10 percent smaller. The smaller crops of apples and pears point not only to lighter supplies this summer and fall, but also to reduced stocks in storage for sale later in the season. Because of larger crops in Europe and smaller crops in the United States, exports of apples and pears are expected to be smaller than in 1959-60.

Another large crop of the four major edible tree nuts is in prospect for 1960. Production is expected to be about the same as the record in 1959 and 15 percent above average. Large increases in pecans and walnuts about offset heavy decreases in almonds and filberts.

As of early August, prospects for the 1960-61 crops of oranges and grapefruit were better than a year ago in Florida and Texas. But new-crop prospects were generally less favorable than a year ago in California and Arizona, the principal exception being better prospects for California Valencias. Until citrus from the new crops becomes available in fall, supplies of oranges, mostly Califormia Valencias, will continue lighter, and prices generally higher, than a year earlier. Supplies of grapefruit also will be light and prices seasonally high. Remaining supplies of lemons are lighter than a year ago--auction prices in August averaged somewhat above a year earlier. In early August, Florida packers' stocks of frozen orange concentrate were a little smaller, those of canned single-strength citrus juices moderately larger, than comparable stocks a year earlier. Movement of these items was aided this season by lower retail prices than those in the 1958-59 season.

Partly because of smaller deciduous fruit crops, the 1960-61 pack of canned fruits is expected to be moderately smaller than the record 1959-60 pack. Reductions probably will be heavy in canned purple plums and sour cherries, and moderate in pears, apples and applesauce. But the packs of peaches, fruit cocktail, and apricots will be large again and may exceed the 1959-60 packs. Carryover stocks of most canned fruits held by packers were somewhat larger this year than last. A small decrease seems likely in the 1960 pack of frozen deciduous fruits and berries, partly because of an expected reduction in strawberries. Although some reduction in production of dried prunes is expected, total production of dried fruits may be close to that of 1959.

## APPLES

Lighter Crop in 1960
The 1960 commercial apple crop was estimated as of August 1 at 109.4 million bushels, 10 percent smaller than the 1959 crop and 3 percent below the 1949-58 average. By regions, expected production is as follows: Eastern States, 50 million bushels, down 15 percent from 1959 and 1 percent from average; Central States, 21.8 million bushels, down 6 percent from last year but 7 percent above average; and Western States, 37.6 million bushels, down 6 percent from 1959 and 9 percent from average. Despite generally favorable growing conditions and improvement in the crop during July, prospective production is smaller than last year in all heavy-producing States, except Washington, where it is about 1 percent above the light 1959 crop. In the northern Appalachian area, prospective production of the York Imperial, a variety preferred for canning, is down somewhat from last year, but this may be at least partly offset by increased production of other varieties. Final outturn of the U. S. crop will be affected, as always, by growing and harvesting conditions during summer and fall.

Apple Prices Higher
This Summer Than Last
Prices received by growers for apples have averaged considerably higher this summer than last. Supplies last summer were much larger, partly because of an unusually heavy carryover of storage apples from the 1958 crop. This year as usual nearly all of the storage stocks from the 1959 crop were marketed before July l; so fresh market supplies during July and August were mostly summer varieties from the smaller 1960 crop. Consuner demand for apples has been strong. Market prospects for fall and winter varieties of apples are generally favorable-harvest of these varieties will get well underway in September. Supplies are smaller than last year and demand for apples, both for fresh market use and for processing is expected to continue strong--supplies of some varieties in fact, will be light in relation to usual requirements. Supplies of some competing fruits, both fresh and processed, are lighter than a year ago. But in western Europe a heavier apple crop than in 1959 is expected, and this may result in some reduction in exports this year compared with the relatively heavy export volume in 1959-60. As the prospective crop in Canada is almost as large as the 1959 crop, both strong competition in the western European markets, expecially the United Kingdom, may be expected, as well as the possibility of heavier U.S. imports from Canada. On balance, market prospects appear better now than in the 1959-60 season.

1960-61 Packs of Canned Apples
and Applesauce May be Somewhat
Under Large 1959-60 Packs
Heavy packs of canned apples and applesauce appear probable in the 1960-61 season, though not as large as in 1959-60. Last year the applesauce pack was a record, the equivalent of 11.4 million cases of 24 No . $2 \frac{1}{2}$ cans and 9 percent above the large 1958-59 pack. Carryover stocks of canners on September l, 1959 also were moderately larger than a year earlier, contributing to increased supplies in the 1959-60 season. Although movement from canners to the trade was up, it was not enough to offset the increase in supplies. So the canners' stocks of about 2.2 million cases ( $24-2 \frac{1}{2}$ 's) on August 1,1960 were about 24 percent above a year earlier.

The 1959-60 pack of canned apples was about 3.7 million cases ( $24-2 \frac{1}{2}$ 's ), $l l$ percent above 1958-59. But this increase was partly offset by reduced carryover stocks on September 1, 1959, resulting in only a small increase in canners' supplies. Movement from canners' was up a little in 1959-60. Stocks of about l. 1 million cases ( $24-2 \frac{1}{2}$ 's), in canners' hands on August 1, 1960, were about 16 percent larger than a year earlier. As usual, stocks of both canned apples and applesauce will be reduced further before fruit from the new packs becomes available in volume this year. (For an analysis of apple use over the last 25 years, see the special article and charts in this issue of The Fruit Situation).

During July 1959-June 1960, exports of fresh apples were the equivalent of approximately 3.7 million bushels, 58 percent larger than in 1958-59. These exports were about 3 percent of the 1959 crop , compared with the usual 2 percent. Leading destinations, in order of volume, were the United Kingdom, Canada, Venezuela, West Germany and Sweden. Imports during 1959-60 were the equivalent of about 0.7 million bushels, down 39 percent from 1958-59. They came as usual mostly from Canada.

Canada's 1960 Apple Crop is
a Little Smailer Than 1959 Crop
Prospective production of apples in Canada in 1960 is approximately 14.5 million bushels, 4 percent smaller than in 1959, according to the first estimate of the 1960 crop released by the Dominion Bureau of Statistics, July 28, 1960. Moderate to substantial reductions are in prospect in all conmercial apple-producing provinces except in British Columbia, where the crop is expected to be about 5.7 million bushels, 45 percent larger than the 1959 crop. The Nova Scotia crop, estimated at 1.8 million bushels, is down 20 percent from 1959. These two provinces grow most of Canada's apple exports. Since the prospective large increase in British Columbia considerably exceeds the decrease in Nova Scotia, increased supplies for export can be expected in the 1960-61 season.

## PEARS

1960 Pear Crop 10 Percent
Smaller Than 1959 Crop
Total production of pears in the United States in 1960 was estimated as of August lat 27.2 million bushels, 10 percent smaller than in 1959 and 9 percent below the 1949-58 average. Production is down from 1959 in all heavyproducing States, especially Oregon and Washington. These two States together with California have 88 percent of the 1960 crop . The crop in these three States combined, as in all other States combined, is down 10 percent from last year.

In the three Pacific Coast States, the 1960 crop of Bartletts is expected to be 436,500 tons, 11 percent lighter than in 1959. About 81 percent of the Bartletts are in California, where production is down only 3 percent, compared with 23 percent in Oregon and 44 percent in Washington. Poor pollination cut the crops in Oregon and Washington. Prospective production of varieties other than Bartletts in these three States is 143,500 tons, 8 percent smaller than in 1959 and 14 percent below average. As with Bartletts, the reductions from 1959 are mostly in Oregon and Washington.

Supplies Lighter, Prices
Higher Than in 1959
Fresh market shipments of pears during July and early August, as usual, were mostly California Bartletts. Through August 13, 1960, both rail and truck shipments were considerably smaller than comparable movement in 1959. On the principal auctions during July and early August, weekly sales also were much lighter and average prices considerably higher than in the comparable weeks of 1959. Weekly sales declined moderately during late July and early August, and average prices increased substantially. But in the second and third weeks of August, sales increased considerably and average prices declined somewhat, yet continued much above a year earlier. In view of the smaller Barlett crop and sharply higher prices for Bartletts for canning as well as strong fresh market demand, auction prices for Barletts this summer can be expected to continue above the levels of a year earlier.

## Reduced Pack of Canned

Pears in Prospect
Because of reduction in the 1960 Bartlett crop, especially in Oregon and Washington, the tonnage of Bartletts canned this year is expected to fall moderately below the volume canned last year. Since most of the pears that are canned are Pacific Coast Bartletts, the 1960 pack of canned pears is likely to drop moderately below the 1959 record of 9.5 million cases ( $2+-2 \frac{1}{2}{ }^{\prime}$ s). Most of the California Hardy variety also is canned, but as an ingredient of fruit cocktail. In 1959, about 18,400 tons of Hardy pears were canned, constituting about 7 percent as many as Califormia Bartletts. Canners' stocks of canned pears on June 1, 1960, the latest date for which figures are available, were about 10 percent larger than a year earlier. Wholesale distributors' stocks were up about 17 percent.

Large Increase in Exports
of Fresh Pears in 1959-60
Exports of fresh pears during July 1959-June 1960 were the equivalent of about 1.6 million bushels, 61 percent larger than in 1958-59. They were the heaviest during July through January and went mostly to Cannada and Western Europe. Imports of fresh pears during 1959-60 were the equivalent of about 288,000 bushels, up 15 percent from 1958-59. Relatively small imports from southern hemisphere countries during the first half of the year, when domestic supplies are light, are a usual feature of the pear economy.

PEACHES
1960 Crop Below 1959 But
Above 1949-58 Average
The 1960 crop of peaches was estimated as of August l at 73.6 million bushels, 1 percent smaller than the large 1959 crop but 18 percent above the

1949-58 average. In most States, production in 1960 is not greatly different from 1959. In some States that market peaches late in the season, especially Colorado, production is down substantially from 1959. In California, the leading producer of peaches, the clingstone crop, used mostly for canning, is about 25.4 million bushels, the same as last year, and the freestone crop is 13.5 million bushels, about the same as last year. Total production of peaches, excluding California clingstones, is approximately 48.2 million bushels, down l percent from 1959. In 1959, about 2.7 million bushels of peaches, mostly California clingstones, were not utilized because of economic conditions.

## Fresh Market Prices May Increase in Late Summer

Although shipping-point prices for fresh market peaches early this season averaged higher than prices for comparable sales in 1959, they averaged lower in late June as marketings increased in volume. During July, prices declined and continued below a year earlier as additional States moved peaches in large volume. In early August, prices at various shipping points were not greatly different from a year earlier. Because of the prospect of some reduction from 1959 in late-season supplies of peaches, prices may increase somewhat during late summer. The lower price level for fresh market peaches during early summer appears to have been influenced somewhat by a lower price structure for peaches for canning than in 1959, especially in Califormia. This influence may be less marked in late summer.

## Heavy Pack of Canned <br> Peaches in Prospect

Early-season prospects were for another large pack of canned peaches, probably not greatly different from the record 1959 pack. Output of canned freestone peaches, of which movement was relatively less favorable than that of canned clingstone peaches during 1959-60, probably will not be as heavy as the large 1959 pack. But this reduction may be about offset by increased output of clingstones. In California, supplies of both types of peaches are as large as last year, and prices for raw peaches for canning are somewhat under prices last year. The 1959 pack of Califormia canned clingstone peaches was about 21.5 million cases (basis $24-2 \frac{1}{2}$ 's), that of all canned freestones about 7.8 million cases, and that of spiced peaches 0.8 million cases. Together they comprised about a third of the total pack of canned fruits in 1959.

Packers' stocks of canned peaches on June 1, 1960 were about 4.7 million cases, 6 percent larger than a year earlier. Wholesale distributors' stocks were about 3 million actual cases, also up 6 percent. Canners' stocks of fruit cocktail, which include a large percentage of peaches in the mixture, were up about 2 percent, while wholesalers' stocks were up 32 percent. Fruit cocktail is another canned fruit that moved well into trade channels in 1959-60. Another large pack is expected.

Increased Production
of Sweet Cherries
Total production of sweet cherries in 1960 was approximately 80,150 tons, 2 percent larger than in 1959 but 15 percent below the 1949-58 average. The 1960 increase was due almost entirely to the much heavier production in Califormia, where the crop of 31,500 tons was more than twice the short 1959 crop. The crop was up somewhat in Idaho, Montana, Ohio and Michigan. The heaviest reduction was in Oregon, where the crop of 14,000 tons was 44 percent under the above-average 1959 crop. In Washington, the crop of 11,000 tons was 20 percent below the small 1959 crop.

In early August, harvest of the 1960 sweet cherry crop was nearing the end. Fresh market shipments were mostly from Montana, but some came from Washington. Early in the season, when shipments were from the heavier California crop, terminal auction prices fluctuated around levels for comparable sales in 1959, and at times dropped considerably below. Later in the season, prices for cherries from the northwesterm States averaged well above 1959 levels. Prices for Califormia Royal Anne cherries for canning averaged about the same as last year. In Washington they averaged higher.

The 1960 pack of brined cherries in Califormia was 11,240 tons, more than twice the relatively light 1959 pack. But output is expected to be down in other States, especially Oregon, where a large percentage of the annual pack usually occurs. Total production of this item in 1960 is still uncertain. The 1960 California pack of canned sweet cherries was the equivalent of 194,224 cases of 24 No. $2 \frac{1}{2}$ cans, 64 percent above the 1959 pack. This increase may offset probable decreases in other States. Canners' stocks on June 1, 1960 were less than half those of a year earlier. Of the 1959-crop sweet cherries that were brined and canned, Califormia grew about 13 percent of the tonnage brined and about 18 percent of the tonnage canned.

## Sour Cherry Crop Lighter

The 1960 crop of sour cherries as estimated August 1 was approximately 116,020 tons, 15 percent smaller than the 1959 crop and 9 percent below the 1949-58 average. Except for Idaho which was unchanged, production was down in all but the two relatively light-producing States of Ohio and Utah. The largest drop in tonnage was in Michigan, the leader, where the crop of 76,000 tons was down 12 percent from 1959. Production also was down substantially in New York, Pennsylvania and Wisconsin.

Most of the annual production of sour cherries is canned and frozen; only small percentages are used fresh and brined. On July l, 1960, as the season for canning and freezing was getting underway, stocks of canned RSP cherries held by canners were about 50 percent above the light stocks of a year earlier. In contrast, stocks of frozen cherries in cold storage were less than
half those of a year earlier. Emphasis has shifted from canning to freezing sour cherries during the last 10 years, and it may be accentuated this year, resulting in much of the drop showing up in a reduction in the canned pack. The frozen pack may be close to that of last year.

Grower prices for sour cherries for processing in the Great Lakes States are reported considerably higher this year than last. Season-average prices per ton received by growers for l959-crop sour cherries for processing were $\$ 124$ in Michigan and $\$ 120$ in New York.

## PLUMS AND PRUNES

Lighter Plum
Crop in 1960
The 1960 crop of fresh plums in Califormia and Michigan, the two principal plum-producing States, is estimated at approximately 94,500 tons, 5 percent smaller than in 1959 but 9 percent above the 1949-58 average. The reduction this year is mostly in Califormia, where the crop of 88,000 tons is down 5 percent from 1959. In Michigan the crop of 6,500 tons is down 3 percent.

Rail shipments from California also have been lighter than a year ago. In early August, shipping-point prices for most varieties and styles of pack averaged slightly to considerably higher than prices for comparable sales in 1959. Throughout the season, prices on the New York and Chicago auctions have averaged moderately to considerably higher than a year earlier.

In 1959 about 5 percent of the California crop and 34 percent of the Michigan crop were processed, mostly by canning.

Sharp Drop in Size
of Pacific Northwest
Prune Crop

Because of unfavorable spring weather, the prune crop in Oregon, Washington and Idaho is expected to total only 24,200 tons (fresh basis), down 73 percent from the 1959 crop and 72 percent below the 1949-58 average. Prospective production is down heavily in each State. Most of the Idaho and Washington tonnage of recent years has been marketed for fresh use, while in Oregon the major outlets were canning and drying. The short crops this year will severely limit supplies for processing. Washington shipping-point prices for Italian prunes for fresh market use averaged considerably higher in early August than a year earlier.

## Reduced Production of Dried

Prunes in Califormia
The 1960 crop of dried prunes in Califormia is expected to be about 135,000 tons (dried basis), 3 percent under the 1959 crop and 11 percent below average. Califormia prunes constitute the principal supply for sale as packaged dried prunes and for making into bottled prune juice and other products. Use of dried prunes for juice has increased greatly during the last decade.

Minimum standards of quality and size are to be the only regulations applied to the 1960 crop of California dried prunes under Federal marketing agreement and order. The regulations, the same as those for the 1959 crop, became effective August l, 1960. Handlers will be free to market dried prunes that meet minimum quality standards. Prunes in consumer packages must be packed from lots averaging 100 prunes or less per pound.

## GRAPES

## 1960 Grape Crop Nearly Same

Size as Large 1959 Crop
Another large grape crop is in prospect for 1960--approximately 3,119,780 tons, about 1 percent below 1959 but 8 percent larger than the 1949-58 average, were indicated as of August 1. Prospective production is well above average in all heavy-producing states, though it is somewhat below the large 1959 crops in some of these States. This means heavy 1960 crops of both European-type grapes, such as Thompson Seedless, which are grown in California and Arizona, and the American-type, such as Concord, which are grown in other States.

The 1960 Califormia crop of $2,825,000$ tons is about 1 percent under last year but 6 percent above average, and the Arizona crop of 9,500 tons is 7 percent below last year but $2_{2}^{\frac{1}{2}}$ times average. The combined crop of these two States, 2,834,500 tons, is also 1 percent below 1959 but 6 percent above average. In Califormia, prospective production of broad varietal groups is as follows: Raisin varieties, 1,740,000 tons, about the same as in 1259; table varieties, 540,000 tons, up 2 percent; and wine varieties, 545,000 tons, down 6 percent. Raisin variety grapesare used extensively for crushing and fresh market shipment and to a lesser extent for canning as well as for drying into raisins. Substantial tonnages of table varieties also are crushed and smaller tonnages of wine varieties are used fresh. Uje of the 1959 Califormia crop was as follows: Crushed, 49 percent; dried, 31 percent; fresh, 19 percent; and canned, 1 percent (See table 10). Most Arizona grapes are shipped to fresh markets early in the season.

Cornbined production in States other than California and Arizona is expected to be 285,280 tons, 5 percent larger than in 1959 and 32 percent above average. Most of the grapes of these States are crushed for juice, such as bottled grape juice and frozen grape juice concentrate, and for wine and other products. In 1959, about 90 percent of the crop of these States was crushed, the rest marketed fresh or used in the households of farms where grown.

Recent Prices at or

## Above 1959 Levels

Most of the grapes marketed to early August were table varieties such as the Thompson Seedless, Cardinal and Perlette, grown in Arizona and California. They were shipped mostly to fresh markets. Eliminations from fresh packing operations as usual were utilized through crushing. With the season later this year than last, shipments to fresh markets through August 13 were somewhat smaller than those in the same period of 1959. On the principal auctions, prices through July fluctuated around the levels of 1959. In early August, prices for most leading varieties on the principal auctions and at California shipping points were at or above a year earlier. Demand for grapes for fresh use and for processing is expected to continue strong this summer and fall.

The season for drying grapes into raisins usually starts in late August, becomes most active during early September, and ends in early October. Movement of grapes to wineries for crushing usually is heaviest during September and October. Fresh market use does not change greatly from year to year, but tonnages dried and crushed are more variable. Although use for drying and crushing will remain uncertain until harvest is more advanced, early-season indications point to raisin output not greatly different from that in 1959, which was 222,000 tons (dried weight).

## CRANBERRIES

Prospective production of cranberries in 1960, based on August 15 conditions, is $1,288,500$ barrels ( 100 pounds each), 4 percent above the 1959 record and 29 percent larger than the 1949-58 average. A heavy increase over last year in Massachusetts more than offsets decreases in the other four cranberry States. The 1960 crop is expected to be slightly above average in New Jersey and much above average in the other States. (See table 12 for detailed figures on production). In Massachusetts, harvest of the record 700,000 -barrel crop is expected to begin right after Labor Day, about the usual time.

## ORANGES

## Supplies of California <br> Valencias Lighter This Sunmer Than Last

Supplies of fresh oranges, now mostly California Valencias, continue moderately lighter than a year ago. In mid-August, remaining supplies were down to about 7 million boxes. The $1959-60$ crop of California Valencia oranges was 18.5 million boxes, down 21 percent from the near-average 1958-59 crop. Supplies of fresh oranges will continue seasonally light until fruit from the new crop, especially in Florida, becomes available in fall.

On August 1, the condition of the 1960-61 orange crop in Florida and Texas was better than a year earlier, but in California and Arizona it was not as good, except for better condition of California Valencias.

## Prices for California

Oranges Generally
Higher Than a Year Ago
Shipping-point prices for the larger-sized California Valencia oranges have averaged higher this summer than last, chiefly the result of lighter supplies and continuing strong demand. A larger-than-usual percentage of the current supplies consists of the smaller sizes, which are discounted heavily. This summer as last, fresh oranges face the competition of relatively heavy supplies of frozen orange concentrate and increased supplies of canned orange and other citrus juices. Retail prices for the frozen concentrate and canned juice probably will continue somewhat lower this summer than a year earlier. Even so, prices for the preferred sizes of oranges can be expected to continue above a year ago.

Increased Exports of

## Processed Citrus in 1959-60

During November 1959-June 1960, exports of fresh oranges (including tangerines) were the equivalent of approximately 4.4 million boxes, 8 percent smaller than in the same period of 1958-59. Among processed items, the volume of exports and increases over 1958-59 were as follows: Frozen concentrated orange juice, 3.1 million gallons, up 25 percent; canned single-strength orange juice, 7.3 million gallons, up 26 percent; and canned concentrated orange juice, 0.5 million gallons, up 47 percent.

## GRAPEFRUIT

Supplies of fresh grapefruit, always seasonally light in summer, are considerably smaller this summer than a year earlier. Most fresh grapefruit in summer comes from the California summer crop. This year the summer crop was smaller than a year ago, and movement has been heavy, perhaps induced by the early finish of the Florida season. As usual, the light remaining supplies can be expected to bring the highest prices of the year. The condition of seasonally light supplies and high prices is favorable to imports, which arrive in late summer and early fall, and end as volume movement of the new crop in Florida occurs. The August 1 condition of the new crop was better than a year earlier in all States except Arizona. In Florida it was much better than a year earlier.

Exports Generally Lighter
in 1959-60 Than in 1958-59
Except for canned grapefruit sections, exports of various grapefruit items were smaller during November 1959-June 1960 than in the same period of 1958-59. Exports of canned grapefruit sections were the equivalent of about

267,000 cases ( $24-2$ 's), up 3 percent. Items of which exports were down were as follows: Fresh grapefruit, 1.6 million boxes, down 5 percent; eanned singlestrength grapefruit juice, 3.5 million gallons, down 20 percent; canned concentrated grapefruit juice, 98,000 gallons, down 37 percent; and frozen concentrated grapefruit juice, 93,000 gallons, down 17 percent.

## LEMONS AND LIMES

Remaining supplies of 1959-60 crop lemons are lighter than a year ago but are expected to be sufficient for the usual needs this summer and fall. Because of increased production in Arizona, the 1959-60 crop is a little larger than the heavy 1958-59 crop. Utilization also is up as a result of early maturity of the lemons. A little more than half of the lemons used to August 1 were processed, the rest used fresh. Although auction market prices for fresh lemons last winter and spring generally were below a year earlier, in August they averaged above.

Production of limes in Florida in 1960-61 is expected to total 340,000 boxes, compared with the near-average crop of 320,000 boxes in 1959-60. Harvest of limes is seasonally heavy during summer and fall. Grower prices for limes averaged somewhat lower during June and July than in these months of 1959.

Exports of fresh lemons and limes (mostly lemons) during November 1959June 1960 were approximately 1.8 million boxes, 35 percent larger than in the same months of 1958-59. Imports of concentrated lemon juice were about 158,000 gallons (single-strength basis), about one-fifth the volume of a year earlier. But imports of single-strength lime juice were about $296,000 \mathrm{gallons}$, up 18 percent.

## DRIED FRUIT

## Prospects for 1960-61

Total production of dried fruits in 1960-61 will remain uncertain until the season is further advanced. Much will depend upon the output of raisins, which with prunes comprise most of the annual total. Production of dried prunes in California is expected to be about 135,000 tons, down 3 percent from 1959-60. Production of dried prunes in Oregon was about 5,150 tons in 1959-60, but in 1960-61 it probably will be negligible, as the crop is very light. In Califormia, which grows most of the fruit that is dried, the crop of raisin variety grapes is expected to be about as large this year as in 1959. But since substantial quantities of this class of grapes are also used fresh and crushed for wine and juice, the percentage dried into raisins could vary from last year. Increases in apricots and figs appear probable, but not much change in peaches is likely, and decreases in dates and apples are probable. The 1959-60 pack of dried fruits, excluding substandard figs and prunes used for juice, was approximately 390,000 tons, the largest since 1956-57.

Increased Exports of Prunes
and Raisins in 1959-60
As a result of increased packs of raisins and prunes in 1959-60, exports of these two items were considerably larger than the relatively light exports last season. Exports of raisins during September 1959-June 1960 were about 39,000 tons, up 84 percent; those of prunes were about 37,000 tons, up 42 percent.

CANNED FRUIT AND FRUIT JUICES

## 1960-61 Pack of Canned Fruits Expected to be Smaller Than Record 1959-60 Pack

The pack of commercially-canned fruits in continental United States in 1960-61 probably will be moderately smaller than the record pack of about 91 million cases (basis 24 No. $2 \frac{1}{2}$ cans) in 1959-60. Increased 1960-61 packs of canned sweet cherries and figs appear likely. The packs of apricots, peaches and fruit cocktail again will be large and may exceed the heavy 1959-60 packs. Although heavy packs of applesauce and pears are in prospects, they probably will fall moderately below the records set in 1959-60. Some reduction in canned apples is expected and heavy reductions in RSP (red, sour, pitted) cherries and purple plums are in prospect. The packs of various canned fruits will be heavy again this year in California, where the deciduous crops are large. Reductions will occur chdefly in other States, where fruit crops are smaller than in 1959.

## Increased Carryover Stocks May <br> Be Offset by Decreased Packs

Movement of the record 1959-60 pack of canned fruits from canners to the trade was unusually large. Even so, canners' stocks of 9 items of canned fruits combined (apples, applesauce, apricots, RSP cherries, fruit cocktail including fruits for salad and mixed fruits, peaches, pears, sweet cherries and parple plums) on June l, 1960 were the equivalent of approximately 16.6 million cases of 24 No. $2 \frac{1}{2}$ cans, 16 percent above a year earlier. However, the June 1, 1960 stocks were about 10 percent smaller than the June 1 stocks following the previous record pack in 1956-57. Canners' stocks of all items except sweet cherries were larger on June 1, 1960 than a year earlier--the 1959-60 pack of sweet cheries was light. Wholesale distributors' stocks of the above 9 items were up 12 percent. (See table 9 for detail on packs and stocks).

For canned apples and applesauce, data on canners' stocks, movement, and the like are reported more frequently than for other items. Movement of these two items from canners to the trade during June and July was heavier than in the same months of 1959, and stocks were reduced further. On August 1, 1960, canners' stocks of canned apples were 16 percent larger than a year earlier, and those of applesauce were up 24 percent.

Increases in carryover stocks of various canned deciduous fruits this summer probably will be more than offset by decreases in the $1960-61$ packs, and total supplies for 1960-61 may be down somewhat from 1959-60. Per capita consumption of canned fruits in recent years has varied from 22 to 23 pounds.

Florida Canners' Stocks of Grapefruit Sections Lighter Than Last Surmer

Practically all canned grapefruit sections and citrus salad are packed in Florida. In the last few years, however, minor quantities have been packed in Texas as production of citrus fruit in that State has increased. In Florida the 1959-60 pack of canned grapefruit sections was 4 million cases ( $24-2$ 's), 12 percent smaller than in 1958-59, and that of citrus salad was about 524,000 cases, down 11 percent. Carryover stocks of both items were up last fall. Movement from canners to the trade has been about the same in 1959-60 as in 1958-59. The net effect gave stocks on August 6, 1960 of 1.3 million cases of sections, down 16 percent from a year earlier, and stocks of 379,000 cases of salad, up 16 percent. These stocks will be reduced further until supplies are replenished from new packs starting next fall.

Increased Stocks of Florida

## Canned Citrus Juices

Florida canners' stocks of canned single-strength citrus juices totaled about 7 million cases (24-2's) on August 6, 1960. This was about 15 percent larger than a year earlier. Increased movement was not sufficient to offset the increased supplies this season. Stocks of individual items on August 6, 1960, and changes from a year earlier, were as follows: Orange juice, 2.8 million cases, up 22 percent; grapefruit juice, 2.9 million, up 13 percent; blend, 1.2 million, up 39 percent; and tangerine juice, about 0.1 million, down 75 percent. These stocks will be reduced substantially before canned juice from the 1960-61 packs becomes available next fall. The 1959-60 Florida pack of these citrus juices, completed about July l, totaled 29 million cases, 2 percent above the 1958-59 pack. Although relatively small quantities of citrus juices are canned in other States, comparable figures on stocks are not available. (See table 9 for figures on packs and stocks).

Canned Fruits Purchased by USDA For School Lunches.

This year as in other years the U. S. Department of Agriculture has bought canned fruits for use in the National School Lunch Program. All fruit was packed in 1960. Purrhases were made with funds appropriated under the National School Lunch Act. In July 1960, the Department bought 323,125 cases (6-10's) of canned apricots for delivery from August 22 through September 24, 1960. In August, the Department bought 179,200 cases (6-10's) of canned red, tart, pitted cherries for shipment from August 29 through October 1, 1960.

Also in August, the Department purchased 585,330 cases ( $6-10$ 's) of canned clingstone peaches and 108,400 cases ( $6-10$ 's) of canned freestone peaches. Deliveries are to be made from September 12 through October 15, 1960.

## FROZEN FRUITS AND FRUIT JUICES

Decreased Pack of Frozen
Deciduous Fruits and
Berries Appears Likely
The 1960 pack of frozen deciduous fruits and berries may fall somewhat below the 1959 pack of approximately 618 million pounds. A reduction is expected in the pack of strawberries, which in 1959 comprised 40 percent of the total. But the pack of RSP cherries may be close to output in 1959. The strawberry and sour cherry crops are smaller this year in States where most of the packs usually are made. However, emphasis on freezing rather than canning cherries may result in a pack close to that of 1959. Among other items frozen in substantial volume, heavy packs of apples and peaches are expected again this year.

## Cold-Storage Stocks of Frozen

Fruits Moderately smaller on
August 1, 1960 Than a Year Earlier
Stocks of frozen deciduous fruits and berries in cold storage increased about 108 million pounds during July 1960, much smaller than the increase during July 1959 and a little smaller than the 1955-59 average for that month. Stocks of most items increased during July, with the largest reported for cherries, strawberries and red raspberries. Total stocks in cold storage on August 1, 1960 were about 425 million pounds, 15 percent smaller than a year earlier and 9 percent below average. All items were smaller than a year earlier except apricots and blackberries. Stocks of frozen strawberries, the largest item, were about 202 million pounds, down 10 percent from August 1, 1959. Stocks of frozen cherries, the second largest item, were approximately 61 million pounds, down 23 percent. Total stocks usually build up from midspring until late summer or early fall as harvesting and freezing are active, then decline.

## Lighter Stocks of Florida Frozen

Orange Concentrate Than a Year Ago
The 1959-60 pack of Florida frozen orange concentrate, which was completed in late June, totaled 78.2 million gallons, 2 percent swaller than the record 1959-60 pack of 79.9 million gallons. Because of a heavy increase in carryover last fall, total supplies in packers' hands for 1959-60 were up about 11 percent over 1958-59. Movement has been up sharply in 1959-60, with the result that packers' stocks on August 6, 1960 were down to about 34.3
million gallons, 5 percent under a year earlier. Stocks probably will fall somewhat further below year-earlier levels before supplies from the new pack become available next fall.

Florida processors' stocks of frozen grapefruit concentrate on August 6, 1960 were dow to about 1.8 million gallons, 38 percent below a year earlier. The 1959-60 pack of this item was only 1.6 million gallons, 67 percent under a year earlier. Carryover stocks were up substantially last fall, but with the lighter 1959-60 pack, supplies in the hands of processors were about a third under those of 1958-59. Even with lighter movement, stocks are down sharply as the new season approaches.

Insofar as frozen and canned orange and grapefruit juice are concerned, most of the annual output is produced in Florida. Texas production of canned juice was up in 1959-60. But in California, where the season for processing is still underway, output of both frozen and canned juice is expected to be down in 1959-60. Data on the packs of various California citrus products, including lemon, will not be available until later in the season. Notwithstanding output of frozen and canned orange juice in California during summer, total supplies drop during summer and early fall until volume output from the new Florida crop gets underway.

## Use of Florida Oranges For

Chilled Juice Up in 1959-60
Florida oranges used directly in making chilled juice totaled about 6.5 million boxes by August 6, 1960, approximately 6 percent larger than in the same part of the 1958-59 season. In contrast, use of Florida grapefruit for chilled juice was about l20,000 boxes, down 15 percent. About 2.4 million gallons of Florida bulk frozen orange concentrate also had been used for chilled juice by August 6. This was equivalent to about 1.6 million boxes of oranges.

Increased Stocks of Frozen
Limeade Concentrate
Stocks of frozen limeade concentrate held by Florida packers on July 1, 1960 were approximately 361,000 gallons, more than twice those of year earlier but moderately below two years earlier. Output usually runs the heaviest during the summer and early fall months, the period of seasonally heavy consumption.

## TREE NUTS

Total production of almonds, filberts, walnuts and pecans in 1960 is estimeted at 227,050 tons, about the same as the record 1959 crop and 15 percent above the 1949-58 average. Increases in walnuts and pecans about offset decreases in almonds and filberts.

The California almond crop, estimated at 54,000 tons, is about 35 percent below the record 1959 crop of 82,800 tons but 36 percent above the 1949-58 average of 39,610 tons. Production of filberts in Oregon and Washington is expected to total 7,950 tons, down 21 percent from 1959 and 1 percent below average. Production is down from 1959 in both States.

Total production of walnuts in California and Oregon is forecast at 74,300 tons, 19 percent above 1959 but 1 percent below average. The Califormia crop of 72,000 tons is 23 percent above 1959, while the Oregon crop of 2,300 tons is down about 42 percent.

Prospective production of pecans is 90,800 tons, 27 percent larger than in 1959 and 21 percent above average. If this production is realized, it will be the largest crop since 1953. The 1960 crop consists of 39,150 tons of improved varieties, 17 percent above 1959, and of 51,650 tons of wild or seedling pecans, up 35 percent. Prospective production of pecans is above 1959 in all pecan States except Georgia, Florida and Louisiana. But the crop in Georgia, the leading producing State, is 14 percent above average.

## PER CAPITA CONSUMPTION TABLES

Series on per capita consumption of individual and broad groups of fresh and processed fruits and tree nuts are presented in tables 1-7 of this issue of The Fruit Situation. Except for table 6, these tables show consumption largely in the form in which the fresh fruit or product is consumed. Table 6 shows consumption basis fresh-weight equivalent for fresh and processed apples and broad groups of other fruits. Six tables published in the June 1960 issue (TFS-135) showed series on per capita consumption of individual kinds of citrus fruits, fresh and processed on a fresh-weight equivalent basis, and series on per capita consumption of canned, frozen, and chilled citrus juices, single-strength basis.

## TRENDS IN APPLE USE AND CONSUMPTION I/

Production of apples in the United States since 1935 has dropped somewhat, but on a per capita basis it has declined noticeably. Over the same years, the volume processed has increased rather sharply, fresh use has decreased, and per capita consumption of fresh and processed apples combined has declined.

A striking feature of the apple economy of the United States during the past 25 years was a pronounced upward trend in the volume of apples processed and increased consumption of canned and frozen apple products. Meanwhile fresh use declined. Fresh use of apples, including use in households of farms where grown, during 1935-39 averaged approximately 91 million bushels (including exports of 9 million), 72 percent of production. For 1955-59 fresh use averaged only 77 million bushels (including exports of 3 million), 67 percent of production. In contrast, use for processing during 1935-39 averaged 28 million bushels, 22 percent of production. But for 1955-59, use for

[^0]processing had increased to an average of about 37 million bushels, 32 percent of production. In each period some apples were not used, mainly because of low prices. Such non-use was greatest in years of large crops, especially before 1950. (See table 11 for apple crops of recent years and table 10 for utilization of the 1958 and 1959 crops).

Data on the utilization of sales of each apple crop also show separate figures on the total volume (1) canned, (2) dried, (3) frozen, and (4) otherwise processed (mostly crushed for vinegar, cider and juice). Figures for each class of use are shown separately for each heavy producing State. These four classes of use showed varied trends for the country's apple crops as a whole during 1935-59. The volume canned increased from about 8 million bushels in the early years to about 20 million in recent years. Use for freezing attained considerable importance during 1943-46, though the volume was well under that of the other classes. It then declined, but beginning 1951 trended slowly upward to exceed slightly the peak of 2.4 million bushels in 1945. Over the 25 -year period under study, use for drying trended downward, decreasing to about half the beginning volume. The quantity processed mostly for vinegar, cider, and juice showed no marked trend, though frequently fluctuating greatly from year-tc~year. The 1955-59 averages for each of the four classes of processing, with the percentage of the total processed in each class, follow: Canned, 18.12 million bushels, 50 percent; dried, 3.84 million bushels, 10 percent; frozen, 2.78 million bushels, 8 percent; and other uses, 11.86 million bushels, 32 percent.

The heaviest producing apple State of recent years has been Washington, followed by New York, Michigan, Virginia, California, Pennsylvania and West Virginia, in that order. (See table 11 for figures on production). Most Washington State apples are sold for fresh use, though in some years substantial quantities are processed. The other 6 States account for most of the apples that are processed, especially canned, as well as for large fresh sales. Apples sold for fresh use and for processing as a percentage of total sales are shown separately for (1) New York, (2) Pennsylvania, Virginia and West Virginia combined (Appalachian area), (3) Michigan, and (4) California, in the accompanying set of 4 charts. The changing pattern of the various apple uses is shown in the charts more clearly as percentages than as actual volume (bushels). Year-to-year changes in volume, which were frequently great, tend to obscure relationships and trends.

As shown in the charts, the percentage of sales for fresh use in each of the four situations illustrated declined over the years as the percentage processed increased. Except in Michigan, increases in processing were due to strong upward trends in apples for canning. In Michigan, use for canning trended only gently upward since World War II, while other types of processing continued to predominate. In New York and the 3 Appalachian States, canning comprised the principal use of apples processed in recent years. But apples otherwise processed continued to take a substantial percentage of production. The percentage of apple production dried in California, shrunk in half over the 25 -year period, while the percentages canned and otherwise processed taken together increased more than the decrease in dried.

Changes in apple processing may be observed from the standpoint of output of various apple products as well as from the volume of raw apples going into the several processing outlets. The rapid growth in output of canned apples and applesauce, especially the latter, is shown in the inside cover chart. The pack of canned apples has nearly doubled since 1935, and in the same period the pack of applesauce has increased 8-fold. Output of both items combined quadrupled. The size of apple crops usually is the cause of the frequent sharp changes in size of the packs. (See tables 8 and 9 for figures on the canned and frozen packs of recent years).

Growth in output of both canned (bottled) apple juice and frozen apples has been erratic during the last 2 decades. The pack of canned apple juice increased from less than 20 million pounds in 1940 to about 60 million in 1941, then fluctuated widely around this level for several years. It rose sharply in 1949 and 1950 to about 100 million pounds, then remained near this level for several years. Since 1955 it has increased sharply, and in 1959 approached 200 million pounds. Output of frozen apples increased from about 4 million pounds in 1940 to a high of 93 million in 1945, then declined to a level of about 40 million. It has increased substantially since 1951 but has never quite reached the former high mark -- it was 72 million pounds in 1959. Production of dried apples has been cut in half since 1935. The 1959 pack was about ll,000 tons, dried weight. Comparable figures on output of other apple products are not available.

Data on per capita consumption of apples provide still another basis for examining the changing pattern of apple use. Changes in per capita consumption of apples are affected not only by changes in production of apples and apple products, but also by growth in population. Per capita consumption of fresh and processed apples on a fresh equivalent basis decreased from more than 35 pounds in 1935 to about 26 pounds in 1957. It was about 30 pounds in 1958 and 29 pounds in 1959. The decrease over the years has been in fresh consumption-from about 33 pounds in 1935 to a low of 19 pounds in 1956 and 1957. In contrast, per capita consumption of all processed apples (fresh basis) increased from 2.5 pounds in 1935 to more than 7 pounds in 1959. Most of the increase was in canned apples and applesauce, and in the same years per capita consumption of canned apple juice increased, but that of dried apples decreased. (See tables l-6 for detailed figures on consumption. Figures in table 6 are on a. fresh equivalent basis).

Per capita consumption of three classes of apples and apple products-(1) fresh apples, (2) canned apples and applesauce, and (3) canned juice and frozen and dried apples--are shown in the cover chart as percentages of total apple consumption. In 1935 about 93 percent of apple consumption consisted of fresh apples and 7 percent of processed. By 1959, consumption of fresh apples had dropped to about 75 percent of the total. Consumption of processed had increased to 25 percent--canned apples and applesauce combined about 15 percent and canned juice and frozen and dried apples combined about 10 percent.
 while the percentage processed increased. Apples for canning accounted for much of the increase in processing.
Table 1.--Fresh fruits: Per capita consumption, farm weight, 1909-59 1

| Year | Oranges 2/ | : Tange- | : Lemons : | Limes | : Crape- : fruit | :Total <br> citrus: $\qquad$ | pples | $\begin{aligned} & \text { : Apri- } \\ & : \text { cots } \end{aligned}$ |  | Bananas: | $\begin{aligned} & \text { :Cher- } \\ & : \text { ries } \end{aligned}$ | Cranberries: $\qquad$ | Figs | : Crapes | $\begin{aligned} & : \text { Nectar- } \\ & : \text { ines } \end{aligned}$ | : Peaches: | Pear | $\begin{aligned} & \text { Pine- : } \\ & : \text { apples: } \end{aligned}$ | Plums and prunes: | Strawberries | Total | Total 3/ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Lb. | LD. | Lb. | ${ }_{L}^{L b}$ | IE. | Lb. | $\underline{L b}$ | Lb. | L5. | $\underline{15}$ | L5. | $\underline{26 .}$ | Lb. | [b. | Eb. | $\underline{L 5}$ | $\underline{25 .}$ | Lb. | Lb. | Lb. | L5. | Lb. |
| 1909 | 12.6 | $2 /$ | 2.7 |  | 0.9 | 16.2 | 62.2 | 0.2 | --- | 21.1 | 2.4 | 0.7 | 4 | 8.0 | --- | 14.9 | 4.4 | 5/0.8 | 3.1 | 4.2 | 59.8 | 138.2 |
| 1910 | 13.7 | 2 | 3.1 |  | 1.0 | 17.8 | 59.4 | . 2 |  | 21.0 | 2.3 | . 6 | 4 | 5.3 | -- | 18.5 | 5.3 | 5/.8 | 2.7 | 4.0 | 60.7 | 137.9 |
| 1911 | 15.4 | 2) | 3.3 |  | 1.1 | 19.8 | 73.5 | . 2 |  | 23.3 | 3.4 | . 5 | 4 | 7.8 |  | 13.5 | 5.7 | . 8 | 3.8 | 3.8 | 62.8 | 156.1 |
| 1912 | 14.3 | $2 /$ | 3.1 |  | 1.1 | 18.5 | 74.6 | . 2 |  | 21.2 | 3.6 | . 5 | 4 | 6.7 |  | 20.3 | 5.9 | . 8 | 3.7 | 3.7 | 66.6 | 159.7 |
| 1913 | 12.0 | 2 | 2.8 | --- | 1.8 | 16.6 | 59.3 | . 2 | --- | 22.8 | 2.1 | . 5 | 4 | 4.9 | --- | 15.0 | 4.9 | . 9 | 2.8 | 3.6 | 57.7 | 133.6 |
| 1914 | 18.8 | $2 /$ | 3.2 |  | 2.1 | 24.1 | 71.8 | . 2 |  | 22.5 | 3.5 | . 7 | 4 | 7.5 |  | 13.6 | 5.7 | . ${ }^{\text {a }}$ | 3.9 | 3.4 | 67.9 | 163.8 |
| 1915 | 17.6 | 2 | 3.2 | --- | 2.3 | 23.1 | 69.0 | . 2 | --- | 18.1 | 3.0 | . 5 | 4 | 6.3 | --- | 23.8 | 5.4 | . 8 | 3.8 | 3.3 | 65.2 | 157.3 |
| 1916 : | 16.5 | 2/ | 3.2 |  | 2.3 | 22.0 | 63.9 | . 2 |  | 16.4 | 2.6 | . 6 | 4 | 5.5 |  | 12.9 | 5.0 | . 6 | 3.4 | 3.1 | 50.3 | 136.2 |
| 1917 | 17.1 | 2 | 2.5 | --- | 2.4 | 22.0 | 56.1 | . 2 | --- | 16.1 | 2.1 | . 3 | 4 | 7.5 | -- | 15.6 | 5.8 | . 6 | 2.9 | 3.0 | 54.1 | 132.2 |
| 1918 | 10.5 | 2 | 2.9 | --- | 3.1 | 16.5 | 56.9 | . 2 |  | 15.4 | 2.1 | . 4 | 4 | 5.3 |  | 13.1 | 5.5 | . 6 | 3.2 | 2.8 | 48.6 | 122.0 |
| 1919 : | 17.0 | $2 /$ | 3.2 | 4 | 3.3 | 23.5 | 45.2 | . 2 | --- | 17.6 | 1.8 | . 6 | 4 | 3.2 | --- | 16.3 | 5.5 | . 4 | 2.2 | 3.5 | 56.3 | 125.0 |
| 1920 : | 16.7 | 0.4 | 3.8 | 4 | 5.1 | 26.0 | 63.0 | . 2 |  | 18.5 | 2.7 | . 4 | 4 | 8.0 |  | 14.0 | 6.7 | . 6 | 2.1 | 3.2 | 56.4 | 145.4 |
| 1921 | 20.8 | . 6 | 3.9 | 4 | 5.2 | 30.5 | 36.1 | . 2 | --- | 20.0 | 1.2 | . 4 | 4 | 6.5 | --- | 9.7 | 4.5 | . 7 | 2.4 | 3.7 | 49.3 | 115.9 |
| 1922 : | 15.2 | . 4 | 3.7 | 4 | 5.3 | 24.6 | 57.5 | . 2 |  | 20.6 | 2.5 | . 5 | 5 | 8.3 |  | 13.1 | 7.1 | . 7 | 2.5 | 4.7 | 65.8 | 147.9 |
| 1923 : | 22.0 | . 6 | 3.6 | 4 | 6.3 | 32.5 | 54.7 | . 3 | --- | 19.7 | 2.3 | . 6 | 4 | 9.0 | --- | 13.2 | 6.1 | . 9 | 3.7 | 4.5 | 60.3 | 147.5 |
| 1924 : | 23.0 | . 4 | 3.8 | 0.1 | 6.6 | 33.9 | 54.1 | . 2 | 0.1 | 20.7 | 1.9 | . 5 | $\pi$ | 9.0 |  | 16.5 | 6.4 | 1.0 | 2.1 | 4.7 | 63.1 | 151.1 |
| 1925 : | : 17.5 | . 7 | 4.0 | . 1 | 6.6 | 28.9 | 46.3 | . 2 | . 1 | 23.6 | 1.8 | . 5 | 4 | 8.3 | --- | 12.7 | 6.0 | 1.2 | 2.5 | 3.7 | 60.6 | 135.8 |
| 1926 : | 20.8 | . 5 | 4.2 | . 1 | 5.8 | 31.4 | 62.3 | . 2 | . 1 | 23.0 | 2.5 | . 6 | 4 | 9.7 |  | 18.1 | 7.8 | 1.2 | 3.5 | 3.9 | 70.6 | 164.3 |
| 1927 | 22.1 | . 7 | 3.1 | 4 | 6.3 | 32.2 | 37.4 | . 3 | 4 | 24.6 | 1.4 | . 4 | 4 | 9.1 | --- | 10.7 | 5.5 | $\cdot 9$ | 2.8 | 4.4 | 60.1 | 129.7 |
| 1928 : | 19.6 | . 6 | 3.7 | 4 | 5.6 | 29.5 | 48.9 | . 3 | .1 | 26.4 | 1.8 | . 4 | $4)$ | 10.9 |  | 16.5 | 6.8 | . 8 | 3.3 | 4.4 | 71.7 | 150.1 |
| 1929 : | : 27.5 | 1.1 | 3.5 | 4 | 7.7 | 39.8 | 39.7 | . 4 | . 1 | 25.7 | 1.3 | . 4 | 0.1 | 9.1 | --- | 13.0 | 5.7 | -9 | 2.5 | 4.4 | 63.6 | 143.1 |
| 1930 | 19.9 | . 6 | 4.1 | 4 | 6.6 | 31.2 | 42.1 | . 4 | . 1 | 24.3 | 1.2 | . 4 | . 1 | 3.7 |  | 10.3 | 6.7 | 1.0 | 3.8 | 3.3 | 60.3 | 133.6 |
| 1931 : | 27.6 | 1.7 | 3.5 | . 1 | 9.4 | 42.3 | 51.7 | . 5 | . 1 | 22.0 | 1.4 | . 5 | . 1 | 8.4 | --- | 21.5 | 7.2 | 1.1 | 2.8 | 4.0 | 69.6 | 163.6 |
| 1932 | 24.6 | 1.4 | 3.2 | .1 | 7.4 | 36.7 | 39.2 | . 5 | . 1 | 19.8 | 1.7 | . 4 | . 1 | 7.8 | --- | 9.3 | 5.3 | . 9 | 2.8 | 4.3 | 53.0 | 128.9 |
| 1933 : | 26.6 | 1.4 | 3.5 | $4)$ | 7.9 | 39.4 | 40.0 | . 3 | . 1 | 16.3 | 1.5 | . 5 | . 1 | 6.9 | --- | 10.0 | 5.1 | . 6 | 2.3 | 4.1 | 47.8 | 127.2 |
| 1934 | 27.0 | 1.4 | 3.6 | . 1 | 7.7 | 39.8 | 25.3 | . 4 | . 2 | 19.3 | 1.2 | . 3 | . 1 | 7.4 | --- | 11.3 | 6.8 | . 6 | 2.9 | 3.5 | 54.0 | 119.1 |
| 1935 : | 30.7 | 1.4 | 4.1 | . 1 | 8.3 | 44.6 | 32.9 | . 4 | .1 | 22.2 | 1.2 | . 3 | . 1 | 7.4 | --- | 14.5 | 6.2 | . 6 | 2.5 | 3.5 | 59.0 | 136.5 |
| 1936 : | 30.1 | 1.5 | 4.3 | . 1 | 10.2 | 46.2 | 27.6 | . 4 | . 2 | 23.6 | 1.0 | . 3 | . 1 | 6.3 | 0.1 | 10.9 | 6.0 | . 8 | 2.7 | 2.9 | 55.3 | 129.1 |
| 1937 : | 26.6 | 2.1 | 3.4 | . 1 | 12.3 | 44.5 | 33.6 | . 5 | . 2 | 26.9 | 1.0 | . 4 | . 1 | 7.4 | .1 | 14.2 | 6.6 | 1.0 | 2.6 | 3.4 | 64.4 | 142.5 |
| 1938 : | 33.5 | 1.6 | 4.3 | . 1 | 9.6 | 49.1 | 28.2 | . 5 | . 3 | 24.1 | 1.0 | . 3 | . 1 | 5.6 | . 1 | 13.1 | 6.4 | . 9 | 2.7 | 2.9 | 58.0 | 135.3 |
| 1939 : | 41.1 | 2.3 | 4.2 | . 1 | 13.7 | 61.4 | 30.7 | . 5 | . 2 | 22.1 | 1.2 | . 4 | . 1 | 6.0 | . 2 | 15.3 | 6.5 | -9 | 2.7 | 3.3 | 59.4 | 151.5 |
| 1940 | 39.4 | 1.6 | 4.5 | . 1 | 11.1 | 56.7 | 29.7 | . 4 | $\cdot 3$ | 20.3 | 1.1 | - 3 | . 1 | 6.3 | . 1 | 13.1 | 7.1 | . 8 | 2.5 | 3.3 | 55.7 | 142.1 |
| 1941 : | : 38.9 | 1.8 | 4.7 | . 1 | 12.2 | 57.7 | 31.7 | . 4 | . 4 | 19.5 | 1.1 | . 4 | . 1 | 5.2 | .1 | 18.6 | 6.4 | . 8 | 2.4 | 3.1 | 50.5 | 148.9 |
| 1942 : | 39.8 | 1.4 | 4.3 | . 1 | 12.1 | 57.7 | 28.1 | . 5 | $\cdot 3$ | 9.4 | 1.1 | . 3 | $\cdot 1$ | 5.2 | . 2 | 14.6 | 6.7 | . 4 | 2.4 | 3.4 | 45.6 | 131.4 |
| 1943 : | 39.7 | 2.9 | 5.0 | . 2 | 12.5 | 60.3 | 24.9 | . 5 | . 4 | 8.2 | .9 | . 3 | . 1 | 5.6 | . 2 | 8.4 | 5.4 | . 5 | 2.2 | 1.8 | 34.5 | 119.7 |
| 1944 : | 47.6 | 2.5 | 4.9 | . 2 | 13.0 | 68.2 | 25.5 | . 9 | . 3 | 10.6 | 1.3 | . 2 | $\cdot 1$ | 4.9 | $\cdot 2$ | 17.9 | 7.1 | . 6 | 2.7 | 1.2 | 48.0 | 141.7 |
| 1945 1946 | 45.1 | 2.7 | 5.1 | . 2 | 13.5 | 66.6 | 22.9 | . 7 | . 4 | 14.2 | 1.1 | . 2 | . 1 | 5.6 | $\cdot 2$ | 18.2 | 7.3 | -9 | 2.3 | 1.3 | 52.5 | 142.0 |
| 1947 : | 37.9 41.5 | 2.4 1.9 | 4.7 4.8 | . 1 | 14.0 13.9 | 59.1 62.2 | 23.0 25.4 | . 6 | .3 | 17.3 20.1 | 1.0 .9 | . ${ }^{\text {a }}$ | 4 | 5.7 6.6 | . 2 | 11.6 | 6.8 5.9 | 1.2 .9 | 2.7 | 1.6 | 54.4 54.7 | 136.5 142.3 |
| 1948 | 35.7 | 1.8 | 4.5 | . 1 | 12.3 | 54.4 | 26.3 | . 6 | . 3 | 21.9 | . 8 | . 3 | .1 | 5.8 | . 2 | 11.3 | 4.4 | . 8 | 2.1 | 1.8 | 50.4 | 131.1 |
| 949 : | : 30.7 | 2.0 | 4.1 | . 1 | 10.9 | 47.8 | 25.0 | . 6 | . 3 | 20.5 | 1.1 | . 4 | . 1 | 5.2 | . 2 | 11.6 | 5.7 | . 8 | 2.4 | 1.6 | 50.5 | 123.3 |
| 1950 | 26.9 | 2.0 | 4.0 | . 1 | 8.2 | 41.2 | 23.2 | . 3 | . 4 | 19.1 | . 8 | . 3 | . 1 | 5.4 | . | 7.8 | 4.3 | . 9 | 1.8 | 1.6 | 43.0 | 107. 4 |
| 1951 : | 28.8 | 1.9 | 4.0 | . 1 | 10.3 | 45.1 | 25.9 | . 4 | . 5 | 18.3 | . 7 | . 3 | 4 | 5.9 | . 1 | 9.4 | 4.2 | . 6 | 2.3 | 1.8 | 44.5 | 115.5 |
| 1952 | 27.9 | 2.0 | 3.9 | . 1 | 10.5 | 44.4 | 21.9 | . 4 | . 5 | 18.9 | . 8 | . 2 | . 1 | 6.0 | .2 | 10.7 | 4.5 | . 6 | 1.7 | 1.6 | 46.2 | 112.5 |
| 1953 | 27.6 | 2.2 | 3.7 | . $2^{\prime}$ | 9.7 | 43.4 | 21.0 | . 4 | . 5 | 21.5 | $\cdot 7$ | . 3 | 4 | 4.8 | . 2 | 10.3 | 4.0 | . 6 | 2.1 | 1.4 | 46.9 | 121.3 |
| 1954 | 24.5 | 2.0 | 3.6 | . 1 | 11.0 | 41.2 | 20.1 | . 3 | $\cdot 7$ | 20.4 | $\cdot 7$ | $\cdot 3$ | . 1 | 5.1 | . 2 | 10.0 | 3.7 | . 6 | 1.4 | 1.3 | 44.8 | 10.1 |
| 1955 | 25.1 | 2.1 | 3.6 | . 2 | 10.7 | 41.7 | 20.0 | . 4 | . 4 | 19.5 | . 8 | . 3 | 4 | 5.0 | . 3 | 6.0 | 3.4 | . 7 | 1.9 | 1.2 | 39.9 | 101.6 |
| 1956 | 22.9 | 6/2.0 | 3.4 | . 2 | 10.5 | 39.0 | 19.3 | . 2 | . 8 | 18.9 | . 5 | -3 |  | 4.8 | . ${ }^{2}$ | 8.0 | 4.8 | . 6 | 1.9 | 1.5 | 42.1 | 100.4 |
| 1958 | 17.8 | 6/1.0 | 3.2 | . 2 | 8.7 | 30.9 | 22.5 | . 2 | . 6 | 20.6 | .6 | . 3 | 4 | 4.1 | . 4 | 10.5 | 3.8 | . 6 | 1.2 | 1.6 | 44.4 | 97.8 |
| 1959 I/: | 20.1 | 5/1.5 | 3.0 | . 1 | 9.2 | 33.9 | 21.9 | . 3 | . 8 | 22.7 | . 4 | . 2 | 4 | 3.7 | . 4 | 9.7 | 3.9 | . 4 | 1.6 | 1.4 | 45.7 | 101.5 |

Table 2.- Canned and chilled fruits: Per capita consumption, 1909-59


1/ The pack year, on which data are based 1909-42, begins in early June of year indicated. Civilian consumption only, beginning 1941. 2/ Produced conmercially in Florida. 3/ Less than 0.05 pounds. 4/ Estimated. 5/ Preliminary.

Table 3--Canned and chilled fruit juices (excluding frozen): Per capita consumption, 1910-59


I/ Civilian consumption beginning 1941. Calendar-year basis except for citrus juices which are on a pack-year basis beginaing in November of year prior to that indicated and grape juice which in the years $1909-33$ and 1948 to date begins November prior to year indicated.
2) Single-strength equivalent.

3/ Chilled fruit juice is produced camercially from fresh fruit in Florida; does not include reconstituted frozen juice or fresh juice produced for local sale.

4/ Not available.
5/ Preliminary.

Table L -- Dried fruits: Per capita consumption, pack years, 1909-59 I/


1/ Production begins midyear. Civilian consumption 1941 to date.
2/ Pits-in basis.
3/ Excludes quantities used for juice.
4/ Less than 0.05 pounds.
5/ Preliminary.


[^1] 5/ Less than 0.005 pounds.
$6 /$ Preliminary.



Table 7.--Tree nuts (shelled basis): Per capita consumption, crop years, 1909-59 1/


1/ Crop year beginning July of year indicated. Civilian per capita consumption beginning 1941.
Includes the following nuts: Brazil, picnolia, pistachios, chestnuts, cashews, and miscellaneous.
Less than 0.005 pounds.
Preliminary.

## Table 8.--Frozen fruits and fruit juices: Pack and cold

 storage holdings, 1958 and 1959 seasons
$\frac{1}{2} /$
$\frac{3}{4} /$
$\frac{5}{6} /$ Included with "other fruit" beginning December 1958.
2/ Not reported separately prior to January 1, 1959.
Single-strength and concentrated, mostly concentrated.
/ Florida pack through Ausust 1, 1960.
(Preliminary.
Florida pack through June 30, 1960.
n.a. means "not available."

Pack data complied from reports of the National Association of Frozen Food Packers and Florida Canners' Association, and survey by USDA.

Table 9.--Canned fruit and fruit juices: Pack and stocks, 1958 and 1959 seasons


1/ Preliminary.
2/ Grapefruit segments only.
$3 /$ Includes fruit cocktail, fruits for salad and mixed fruits. Includes remanufactured on a calendar year basis.

4/ Hawaiian pack including foreign operations.
5 Total U. S. canned purple plums.
6/ Florida pack through July 30; data not available on 1958-59 California pack.
7/ Florida on 1 y.
8/ Revised.
n. a. means "not available."

Canners' stock and pack from National Canners Association and Florida Canners Association. Tholesale distributors' stocks from U. S. Department of Comnerce, Bureau of the Census.

| ```Commodity and crop year 2/``` | Total production | Produc- <br> tion having value 3/ | Farm disposition |  | Utilization of sales (fresh equivalent) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | For <br> farm <br> home <br> use | Sold | Fresh <br> sales | Canned | Dried | Frozen | Crushed | Other processed |
|  | $\begin{aligned} & 1,000 \\ & \text { bushels. } \end{aligned}$ | $\begin{aligned} & 1,000 \\ & \text { bushels } \end{aligned}$ | $\begin{aligned} & 1,000 \\ & \text { bushels } \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,000 \\ & \text { bushels } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { 1,000 } \\ & \text { bushels } \end{aligned}$ | $\begin{aligned} & 1,000 \\ & \text { bushels } \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,000 \\ & \text { bushels } \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,000 \\ & \text { bushels } \end{aligned}$ | $\begin{aligned} & 1,000 \\ & \text { bushels } \end{aligned}$ | $\begin{aligned} & 1,000 \\ & \text { bushels } \\ & \hline \end{aligned}$ |
| Apples <br> 1958 <br> 1959 | 126,610 121,787 | 124,178 120,228 | 2,973 2,865 | 121,205 117,363 | 81,582 75,119 | 19,685 19,140 | 4,580 3,807 | 2,688 4,252 | ---- | $\begin{aligned} & 4 / 12,070 \\ & \sqrt[4]{ } / 15,045 \end{aligned}$ |
| Avocados | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons |
|  |  |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 1958 \\ & 1959 \end{aligned}$ | 55,600 73,000 | 55,200 67,050 | 325 325 | $\begin{aligned} & 54,875 \\ & 66,725 \end{aligned}$ | $\begin{aligned} & 54,875 \\ & 66,725 \end{aligned}$ | ---- | -- | ---- | ---- | ---- |
| 1959 | 73,000 | 67,050 | 325 | 66,725 | 60,725 | -- | --- | --- | --- | --- |
| Cranberries1958 |  |  |  |  |  |  |  |  |  |  |
|  | : 58,280 | $\begin{aligned} & 58,280 \\ & 61.860 \end{aligned}$ | 5 | --- | 22,985 | 6/35,295 | ---- | --- | --- | --- |
| Grapes |  |  |  |  |  |  |  |  |  |  |
| 1958 | 3,026,170 | 3,026,170 | 12,550 | 3,013,620 | 527,947 | 36,000 | 744,000 | --- | 1,705,673 | --- |
| 1959 | 3,139,050 | 3,139,050 | 12,105 | 3,126,945 | 553,940 | 37,500 | 888,000 | --- | 1,647,505 | --- |
| Olives | : |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & 1958 \\ & 1959 \end{aligned}$ | 68,000 | 66,000 | 200 | 65,800 | 600 | 33,800 | --- | --- | 21,300 | 8/10,100 |
|  | 27,000 | 27,000 | 200 | 26,800 | 300 | 20,400 | -- | --- | 2,700 | 8/ 3,400 |
|  | : |  |  |  |  |  |  | . |  |  |

1/ Production and utilization of apricots, cherries, nectarines, peaches, pears, plums and prunes, 1958 and 1959 crops, published in the June 1960 Fruit Situation.
Differences between total production and production having value are economic abandonment. 4) Mostly crushed for vinegar, cider, and juice. 5 Quantities used in farm household negligible. 6/ Mostly canned.
7) Utlization for 1959 crop will be published when figures are available from Cranberry Payment AMS 181 a.
Crop Reporting Board, USDA, AMS.

Table ll. --Apples, commercial crop: Production, average 1949-58
annual 1959 and indicated 1960 I/


1 Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State. For some States in certain years, production includes some quantities unharvested on account of economic conditions.

2/ Area total does not agree with sum of states due to rounding.

Table 12.--Cranberries: Production in principal States, average 1949-58, annual 1958 and 1959 and preliminary 1960

| State | : | Average $1949-58$ | 1958 | 1959 | $\begin{gathered} \text { Preliminary } \\ 1960 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | : | Barrels | Barrels | Barrels | Barrels |
| Iassachusetts | : | 557,400 | 598,000 | 545,000 | 700,000 |
| New Jersey | : | 87, 500 | 89,000 | 95,000 | 88,000 |
| Wisconsin | : | 271,200 | 389,000 | 440,000 | 385,000 |
| Washington | : | 54,950 | 57,300 | 106,000 | 77,000 |
| Oregon |  | 27,370 | 32,300 | 51,200 | 38,500 |
| 5 States | : | 998,820 | 1,165,600 | 1,237,200 | 1,288,500 |

Crop Production, USDA, AMS.

Table 13.--Apples: Unweighted wholesale price per bushel, Chicago, July-August 1959 and 1900

| Week ended | Midwestern varieties, mostly $2 \frac{1}{4}$ inch minimum, generally good quality and condition, per bushel |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Transparent |  | Duchess |  | Wealthy |  | II. $\mathrm{T}_{\text {cheenings }}$ |  |
|  | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 195? | 1960 |
|  | Dol. | Dol. | Dol. | Dol. | Dol. | Dol. | Dol. | Dol. |
| July 1 | 2.50 | 4.00 | --- | --- | --- | --- | --- |  |
| 8 | --- | 3.50 | --- | --- | --- | --- | --- |  |
| 15 | 2.00 | 3.00 | 2.75 | 4.12 | 3.12 | --- | --- |  |
| 22 | 2.35 | 3.50 | 2.50 | 3.15 | 3.00 | --- | --- |  |
| 29 | 2.50 | 2.50 | 2.00 | 2.85 | 2.50 | 3.00 |  |  |
| August 5 | 2.15 | 3.25 | 1.50 | 3.00 | 2.25 | 2.85 | 3.25 | 5.00 |

I/ Where prices were not available for $2 \frac{1}{2}$ inch minumum size, quotations are inserted for apples of 2 inch minimum size or $2 \frac{1}{4}$ inch mininum size. Frices on Midwestern varieties are the representative price for Tuesday of each week.

Table 14.--Fruits, miscellaneous: Condition A.ugust 1 and production, average 1949-58, annual 1959 and indicated 1960

| Crop and State | Production I/ |  |  | Condition August 1 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | : Average <br> : 1949-58 | : 1959 | $\begin{gathered} \text { Indicated } \\ 1960 \end{gathered}$ | Average 1949-58 | 1959 | $\begin{gathered} \text { Indicated } \\ 1360 \end{gathered}$ |
|  | Tons | Tons | Tons | Perceat | Percent | Persert |
| Apricots | : 177,400 | 210,000 |  |  |  |  |
| Washington | : 12,680 | 2/13,600 | 625,000 10,000 | --- | --- | --- |
| Utah | : 5,090 | -6,200 | 12,600 | --- | --- |  |
| 3 States | : 195,170 | 229,800 | 237,600 | --- | --- |  |
| Figs, California Dried Not dried | $: 3 / 25,640$ | $\begin{array}{r} 3 / 19,000 \\ 6,600 \end{array}$ | --- | 85 | 73 | 79 |
| Olives <br> California | : 48,700 | 27,000 | --- | 57 | 27 | 70 |
| Avocados | : |  |  |  |  |  |
| Florida | 9,210 | 2/8,000 | --- | 59 | 45 | 62 |

I/ For some States in certain years, production includes some quantities unharvested on account of economic conditions.

2/ Includes excess cullage of harvested fruit (tons): 1950-Apricots, washington, 1,0c0; Avocados, Florida, 950.

3/ Dry basis; 3 pounds of fresh figs are about equal to 1 pound dried.

Crop Production, USDA, AMS.

Table 15.--Cherries: Production, by varieties, 12 States, average 1949-58 annual 1959 and preliminary 1960 I/

| State | Sweet |  |  | Sour |  |  | All varieties |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & : ~ A v e r a g e \\ & : ~ 1949-58 \\ & \hline \end{aligned}$ | $: 1959$ <br> $:$ | : Prelim- <br> : iniary <br> : 1960 | $\begin{aligned} & : \text { Average } \\ & : 1949-58 \\ & \hline \end{aligned}$ | : 1959 | Prelim- <br> iniary <br> 1960 | : Average <br> : 1949-58 <br> : | 1959 | $\begin{aligned} & \hline \text { : Prelim- } \\ & \text { :iniary } \\ & : 1960 \end{aligned}$ |
|  | : Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons | Tons |
| New York | : 4,370 | 6,700 | 4,800 | 22,790 | 18,500 | 14,000 | 27,160 | 25,200 | 18,800 |
| Pennsylvania | : 1,160 | 1,000 | 500 | 9,590 | 11,500 | 9,000 | 10,750 | 12,500 | 9,500 |
| Ohio | - 355 | 220 | 330 | 1,892 | 1,350 | 1,900 | 2,247 | 1,570 | 2,230 |
| Michigan | : 9,400 | 13,500 | 14,000 | 69,600 | 86,000 | 76,000 | 79,000 | 99,500 | 90,000 |
| Wisconsin | : ---- | --- | --- | 13,240 | 11,400 | 7,800 | 13,240 | 11,400 | 7,800 |
| Montana | : 1,331 | 1,200 | 1,400 | 298 | 380 | 20 | 1,629 | 1,580 | 1,420 |
| Idaho | : 2,522 | 1,280 | 1,300 | 906 | 850 | 850 | 3,428 | 2,130 | 2,150 |
| Colorado | 625 | 620 | 120 | 1,722 | 2/1,350 | 750 | 2,347 | 1,970 | 870 |
| Utah | : 3,464 | 1,600 | 1,200 | 2,095 | 850 | 1,300 | 5,559 | 2,450 | 2,500 |
| Washington | : 18,920 | 2/13,700 | 11,000 | 2,200 | 1,450 | 1,200 | 21,120 | 15,150 | 12,200 |
| Oregon | : 22,560 | 24,900 | 14,000 | 3,210 | 3,400 | 3,200 | 25,770 | 28,300 | 17,200 |
| California | : 29,590 | 13,500 | 31,500 | , | --- | , | 29,590 | 13,500 | 31,500 |
| 12 States | : 94,297 | 78,220 | 80,150 | 127,543 | 137,030 | 116,020 | 221,840 | 215,250 | 196,170 |

1/ For some States in certain years, production includes sone quantities unharvested on account of economic conditions. 2/ Includes excess cullage of harvested fruits (tons) sweet cherries, Washington 1959-400; sour cherries 1959 Colorado 102.

Crop Production, USDA, AMS.
Table 16.--Cherries, western: Weighted average auction price per Campell lug, New York City, May-August 1959 and 1960


[^2]Table 17.--Grapes: Production in important States, average 1949-58, annual 1959 and indicated 1960 I/


Table 18.--Grapes, California: Weighted average auction price per lug box, Nev York and Chicago, June-August 1959 and 1960


Compiled from New York Daily Fruit and Vegetable Reporter and Chicago Fruit and Vegetable Reporter.

Table 19.--Pears: Production by geographic divisions and on Pacific Coast, average 1949-58, annual 1959 and indicated 1960 I/


1/ For some States in certain years, production includes some quantities unharvested on account of economic conditions. 2/ Includes Massachusetts, Indiana, Kansas, South Carolina and Florida, for which estimates were discontinued with 1955 crop season.

Crop Production, USDA., AMS.
Table 20.--Pears, California Bartlett: Weighted average auction price per box, New York and Chicago, July and August 1959 and 1960


Compiled from the New York Daily Fruit Reporter and Chicago Fruit and Vegetable Reporter.

Table 21.--Plums and prunes: Production in important States, average 1940-58, annual 1958 and 1959 and indicated 1960 I/


I/ For some states in certain years, production includes some quantities unharvested on account of economic conditions. Estimates of such quantities were as Iollows: (tons) 1959 prunes, Washington, 250 (fresh basis).

2/ Includes excess cullage of harvested Iruit (tons) 1959 plums, California 3,000; prunes, Washington 1,000.

3/ In California the drying ratio is approximately $2 \frac{1}{2}$ pounds of fresh fruit to 1 pound of dried.
Table 22.--Plums, California: Weighted average auction price per crate, New York and Chicago, June-August 1959 and 1960


[^3] Reporter.

Table 23.--Peaches: Production by geographic divisions, average 1949-58, annual 1959 and indicated 1960 I/


1/ For some States in certain years, production includes some quantities unharvested on account of economic conditions.
2) Includes excess cullage of harvested fruit (1,000 bushels): 1959-South Carolina, 150; Georgia, 40; California, Clingstone, $1,416$.
3/ Includes Florida prior to 1955.
4) Wanly for cannine.

Table 24.--Tree nuts: Production in important States, average 1949-58, annual 1959 and indicated 1960 I/


1/ For some States in certain years, production includes some quantities unharvested on account of economic conditions.
2/ Budded, grafted, or topworied varieties.

Crop Production, USDA, A'S.

Table 25.--Citrus fruits: Production, average 1948-57, annual 1957, 1958 and indicated 1959; condition August 1, average 1949-58, annual 1959 and 1960

| Crop and State | Production $1 /$ |  |  |  | Condition August 1 (new crop) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & : \text { Average } \\ & : 1948-57 \\ & : \\ & \hline \end{aligned}$ | 1957 | 1958 | $\begin{aligned} & \text { : Indicated } \\ & : 1959 \end{aligned}$ | Average $1949-58$ | 1959 | $1960$ |
|  | $\begin{aligned} & : \quad 1,000 \\ & : \quad \text { boxes } \\ & \hline \end{aligned}$ | $\begin{aligned} & 1,000 \\ & \text { boxes } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { 1,000 } \\ & \text { boxes } \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { 1,000 } \\ & \text { boxes } \end{aligned}$ | Pct. | Pct. | pct. |
| Oranges: |  |  |  |  |  |  |  |
| Early, Midseason, and Navel varieties: 2/ | : |  |  |  |  |  |  |
| California | 14,084 | 9,100 | 16,900 | 13,200 | 71 | 73 | 55 |
| Florida, all | 44,920 | 52,700 | 47,100 | 49,000 |  |  |  |
| Temple | 1,783 | 1,500 | 3,000 | 4,000 | --- | 71 | 69 |
| Other | 43,137 | 51,200 | 44,100 | 45,000 | 71 | 61 | 75 |
| тежаs | 1,200 | 1,450 | 1,650 | 1,800 | 51 | 76 | 79 |
| Arizona | 492 | 490 | 270 | 500 | 72 | 80 | 65 |
| Louisiana | 186 | 205 | 220 | 250 | 59 | 78 | 74 |
| Total | 60,882 | 63,945 | 66,140 | 64.750 | - | -- | -- |
| Valencia: |  |  |  |  |  |  |  |
| California | 23,697 | 14,000 | 23,300 | 18,500 | 73 | 71 | 75 |
| Florida | 33,190 | 29,800 | 38,900 | 42,500 | 71 | 70 | 73 |
| Texas | 476 | 550 | 650 | 1,000 | 48 | 72 | 74 |
| Arizona | 579 | 760 | 340 | 850 | 73 | 87 | 69 |
| Total | 57,242 | 45,110 | 63,190 | 62,850 | --- | -- | --- |
| All oranges: |  |  |  |  |  |  |  |
| CaliPornia | 37,781 | 23,100 | 40,200 | 31,700 | 72 | 72 | 65 |
| Florida | 78,110 | 82,500 | 86,000 | 91,500 | 71 | 65 | 74 |
| Texas | 1,676 | 2,000 | 2,300 | 2,800 | 51 | 75 | 78 |
| Arizona | 1,072 | 1,250 | 610 | 1,350 | 72 | 83 | 67 |
| Louisiana | 186 | 205 | 220 | 250 | 59 | 78 | 74 |
| Total all oranges | 118,824 | 109,055 | 129,330 | 127,600 | 11 | 69 | 69 |
| Tangerines: $\quad 10$ |  |  |  |  |  |  |  |
| Florida Total, | $: \begin{array}{r}4,530 \\ \hline 123,354\end{array}$ | 2,100 111,155 | 4,500 133,830 | 2,800 130,400 | 65 | - 43 | $\underline{73}$ |
| Grapefruit: : |  |  |  |  | --- |  |  |
| Florida, all | 33,970 | 31,100 | 35,200 | 30,500 | 64 | 54 | 71 |
| Seedless | : 17,870 | 17,600 | 19,600 | 20,100 | 67 | 57 | 71 |
| Other | 16,100 | 13,500 | 15,600 | 10,400 | 63 | 50 | 72 |
| Texas | 3,800 | 3,500 | 4,200 | 5,500 | 43 | 70 | 79 |
| Arizona | 2,604 | 2,780 | 1,870 | 2,750 | 74 | 87 | 72 |
| California, all | 2,424 | 2,400 | 2,520 | 2,750 | 77 | 73 | 75 |
| Desert Valleys | 919 | 1,100 | 620 | 1,350 | 81 | 85 | 81 |
| Other areas | 1,505 | 1,300 | 1,900 | 1,400 | 75 | 65 | 70 |
| Total grapefruit | 42,798 | 39,780 | 43,790 | 41,500 | 58 | 63 | 74 |
| Lemons: |  |  |  |  |  |  |  |
| Arizona 3/ |  |  | 17,000 | 17,000 | 71 59 | 87 | 52 |
| Total lemons | 13,669 | 16,200 | 17.340 | 17,900 | - | - | --- |
| Limes: |  |  |  |  |  |  |  |
| Florida 4/ | 322 | 350 | 200 | 300 | 76 | 68 | 64 |
| Tangelos: | : 5/302 | 350 | 300 | 550 | --- | 60 | 66 |

Season begins with the bloom of the year show and ends with completion of harvest the following year. In California harvest of oranges usually starts in early November of the year shown and continues into November of the following year. In other States harvest of oranges begins about October 1 and ends in eariy summer. Grapefruit harvest, for the California Desert Valleys and for other States, begins in the fall and ends by early summer. Harvest of other California grapefruit extends from early sumer of the year after bloom through September. California lemons are harvested from November through the following calendar year. Florida limes are picked mostly from April through December. Florida tangelos are harvested largely from October through April. For some States in certain years production includes quantities unharvested-or harvested but not utilized-on account of economic conditions, and quantities donated to charity.

1/ Net content of box varies. Approximate averages are as follows--Oranges: California and Arizona, 77 lb.; Florida and other States, 90 lb . Tangerines: 90 lb . Grapefruit: California Desert Valleys and Arlzona, $65 \mathrm{lb} . ;$ otherCalifornia areas, $68 \mathrm{lb} . ;$ Florida and Texas, 80 lb . Lemons: 79 lb . Limes; 80 lb. Tangelos; 90 lb. 2/ Navel and Miscellaneous varleties in California and Arizona. Early and Midseason varieties in Florida and Texas. All varieties in Louisiana. For all States, except Florida, includes small quantities of tangerines.

3/ Production not estimated prior to 1958.
4/ July 1 forecast of 1960 Florida limes, 340 thousand boxes.
5/ Short-time average.

Table 26.--Oranges and lemons: Total weekly shipments from producing areas, June-August 1959 and 1960 I/


I] Interstate and intrastate fresh shipments for oranges. California lemons represent, interstate fresh shipments only. All data subject to revision. 2/ Revised.
n. a. means "not available."

Table 27.--Grapefruit: Total weekly shipments from producing areas, June-August 1959 and 1960 I/

|  | 1959 |  |  |  | 1960 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Period | $\begin{aligned} & \text { : Calif. } \\ & \text { : Ariz. } \end{aligned}$ | Texas | : Fla. | $:$ $:$ | $\begin{aligned} & \text { Calif. } \\ & \text { Ariz. } \end{aligned}$ | Texas | Fla. | Total |
|  | : Cars | Cars | Cars | Cars | Cars | Cars | Cars | Cars |
| $\begin{aligned} & \text { Season through } \\ & \text { June } 4 \end{aligned}$ | $: 4,031$ | 3,655 | 29,445 | 37,131 | 4,886 | 5,352 | 29,391 | 39,629 |
| Week ended: | : |  |  |  |  |  |  |  |
| June 11 | : 13 | --- | 37) | 572 | 376 | 7 | 59 | 442 |
| 18 | : 171 | --- | 188 | 359 | 272 | --- | 48 | 320 |
| 25 | : 169 | --- | 21. | 388 | 254 | --- | 26 | 280 |
| July 2 | : 151 | --- | 191 | 342 | 231 | --- | n. a. | 231 |
|  | : 169 | --- | 51 | 220 | 162 | --- | n. a. | 162 |
| 16 | : 183 | --- | 31 | 214 | 162 | --- | n. a. | 162 |
| 23 | : 185 | --- | 35 | 213 | 206 | --- | n. a. | 206 |
| 30 | : 138 | --- | - | 198 | 133 | --- | n. a. | 133 |
| August 6 | : 1\%8 | --- | --- | 138 | 129 | --- | n. a. | 129 |
| Season through | : |  |  |  |  |  |  |  |
| August 6 | : 5,648 | 3,655 | 30,539 | 39,841 | 6,811 | 5,359 | 29,524 | 41,694 |

If Interstate and intrastate fresh shipments for Florida grapefruit. Interstate fresh shipments only for mexas and California-Arizona grapefruit. All data subject to revision.
n. a. means "not available."

Table 28.--Citrus fruits: Weighted average auction price per four-fifths bushel, for floridia and per half box for California, at ITew York and Chicago, June-August 1959 and lo60

| Market, month, and week | Oranges |  |  |  | Grapefruit |  |  |  | Lemons |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | California Valencias |  | Florida |  | California |  | Florida |  | California |  |
|  | 1959 | 1960 | 1359 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1260 |
| New York: | Dol. | Dol. | Dol. | Dol. | Dol. | Dol. | Dol. | Dol. | Dol. | Dol. |
| Season average through May | 3.37 | 4.31 | 4.85 | 3.98 | 1.37 | 2.36 | 2.28 | 2.93 | 3.58 | 3.38 |
| June | 3.24 | 3.67 | 3.48 | 3.44 | 1.81 | 2.85 | 1.97 | 2.83 | 3.52 | 3.35 |
| July | 3.23 | 4.07 | 3.70 | 3.86 | 2.92 | 2.63 | 2.12 | 1.55 | 3.55 | 3.43 |
| Week ended August 5 | 3.39 | 4.05 | --- | 3.77 | 2.85 | 2.59 | --- | --- | 3.87 | 3.83 |
| Chicago: |  |  |  |  |  |  |  |  |  |  |
| Season average through May | 3.32 | 3.99 | 4.46 | 3.72 | --- | 2.46 | 2.36 | 2.22 | 3.66 |  |
| June | 3.24 | 3.92 | , | 3.50 | 2.13 | 2.14 | 2.07 | 2.77 | 3.47 | 3.59 |
| July | 3.27 | 4.04 | --- | --- | 2.92 | 2.21 | 2.16 | --- | 3.37 | 4.15 |
| Week ended August 5 | 3.54 | 4.18 | - | - | 2.90 | 2.88 | 2.05 | --- | 3.95 | 4.24 |

Compiled from New York Daily Fruit and Vegetable Reporter and the Chicago Fruit and Vegetable Reporter.

Table 29.--Fruits: Carlot (rail and boat) shipments from originating points in the United States, May-August 1959 and 1900


[^4]Figures include Coverıment purchases, but do not include motortruck shjpments.

## Table

Title
Rage
1 Fresh fruits: Per capita consumption, farm weight, 1909-59 ..... 23
2 Canned and chilled fruits: Per capita consumption, 1909-59 ..... 24
3 Canned and chilled fruit juices (excluding frozen): Per capita consumption, 1910-59 ..... 25
4 Dried fruits: Per capita consumption, pack years, 1909-59 ..... 26
5 Frozen fruits and juices: Per capita consumption, 1925-59 ..... 27
6 Fruits, farm-weight equivalent: Per capita consumption, 1910-59 ..... 28
7 Tree Nuts (shelled basis): Per caplta consumption, crop years, 1909-59 ..... 29
8 Frozen fruits and fruit juices: Pack and cold-storage holdings, 1958 and 1959 seasons ..... 30
9 Canned fruit and fruit juices: Pack and stocks, 1958 and 1959 seasons ..... 31
10 Production and utilization of specified fruits, crops of 1958 and 1959 ..... 32
11 Apples, commercial crop: Production, av. 1949-58, annual 1959 and indicated 1960 ..... 33
12 Cranberries: Production, av. 1949-58, annual 1958 and 1959 and prelim. 1960 ..... 33
13 Apples: Unweighted wholesale price per bushel, Chicago, July-August 1959 and 1960 ..... 34
14 Fruits, misc.: Condition Aug. 1 and production, av. 1949-58, annual 1959 and indicated 1960 ..... 34
15 Cherries: Production, by varieties, av. 1949-58, annual 1959 and prelim. 1960 ..... 35
16 Cherries, western: Weighted av. auction price, N. Y. C., May-August 1959 and 1960 ..... 35
17 Grapes: Production in important States, av. 1949-58, annual 1959 and indicated 1960 ..... 36
18 Grapes, California: Auction price, New York and Chicago, June-August 1959 and 1960 ..... 36
19 Pears: Production by geographic div. and on Pacific Coast, av. 1949-58, annual 1959 and indicated 1960 ..... 37
20 Pears, California Bartlett: Auction price, New York and Chicago, July-August 1959 and 1960 ..... 37
21 Plums and prunes: Production, av. 1949-58, annual 1958 and 1959 and indicated 1960 ..... 38
22 Plums, California: Auction price, New York and Chicago, June-August 1959 and 1960 ..... 38
23 Peaches: Production by geographic div. , av. 1949-58, annual 1959 and indicated 1960 ..... 39
24 Tree Nuts: Production, av. 1949-58, annual 1959 and indicated 1960 ..... 39
25 Citrus fruits: Production, av. 1948-57, annual 1957, 1958 and indlcated 1959; condition Aug. 1. av. 1949-58, annual 1959 and 1960 ..... 40
26 Oranges and lemons: Total weekly shipments from producing areas, June-August 1959 and 1960 ..... 41
2? Grapefruit: Total weekly shipments from producing areas, June-August 1959 and 1960 ..... 41
28 Citrus fruits: Auction price, New York and Chicago, June-August 1959 and 1950 ..... 42
29 Fruits: Carlot (rail and boat) shipments from originating points in the United States, May-August 1959 and 1950 ..... 42
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[^0]:    1/ By Ben H. Pubols, Statistical and Historical Research Branch, Agricultural Economics Division, Agricultural Marketing Service.

[^1]:    Prior to 1937 , items not reported separately. Civilian consumption beginning 1941. Includes single-strength and concentrated juices.

[^2]:    Compiled from lew York Daily Fruit and Vegetable Reporter.

[^3]:    Compiled from New York Daily Fruit and Vegetable Reporter and Chicago Fruit and Vegetable

[^4]:    1) Preliminary.
