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# 1954 Census of Manufactures

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## INDUSTRY AND COMMODITY CLASSIFICATION MANUAL

### NUMERICAL LIST OF MANUFACTURED PRODUCTS

U. S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS

INDUSTRY DIVISION

January 1955  
(with revisions)

13323

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# NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## INTRODUCTION

### I. PURPOSE AND SCOPE

This manual lists the products shown on all 1954 Census of Manufactures product schedules arranged in the numeric order of the industries covered in the Standard Industrial Classification, as revised. The list of products for each industry represents the principal primary products of that industry arranged in numeric sequence.

This manual will be used in verifying product classifications written-in by the respondent as well as assigning code classifications, as necessary. The columnar format and lettering serve as an editing guide in reviewing the product inquiry.

This manual may also be used in the preparation of tables, as well as showing the conversion between products, product classes, and industries.

### II. DERIVATION OF THE PRODUCT CODING SYSTEM

A product code of seven digits is assigned to and uniquely identifies each individual product. The first four digits describe the industry classification in which the item is considered primary. The fifth digit describes the product class and the final two digits indicate the sequence of products within the industry. These final two digits are assigned in numeric order. Gaps have been left in the numbering system in the final two digits to provide flexibility in the addition of new product items.

Since only one seven digit product code can be assigned to an individual product, products primary in more than one industry require somewhat different handling. These products are shown in the listings for each of the industries in which they are primary, and a cross reference is made to the related primary industries. This cross reference is made at the product class level if all of the products in the product class are primary in the several industries. Information relating to the classification of products primary to more than one industry is presented by footnote. For example, code 2011511, "Lard," is primary to, and listed with, Industries 2011 and 2013. The footnotes for this product state that the establishment which produces this product is classified in Industry 2011 if it slaughters animals, and in Industry 2013 if it does not slaughter animals. Special instructions will be made available to explain where to obtain the required information for determining the primary industry of the establishment.

The selection of the four digit industry base code in those cases in which the product is primary to more than one industry was determined mainly as follows:

- a) If the industries differed in degree of integration, the code assigned was that of the less integrated;
- b) If integration was not a factor, the code corresponding to the industry which accounted for the larger portion of the output was assigned.

Product classes are shown in numeric sequence and are identified by a five digit code followed by "--." The individual seven digit products included in the product class are listed immediately after the product class.

# NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## III. COLUMNAR FORMAT AND LETTERING OF PRODUCT INQUIRY

Following is a description of the standard columnar structure and lettering of the product section of the 1954 Census report forms. It will serve as a guide in reviewing product inquiries. Column (J) is reserved for the seven digit product code.

### STANDARD COLUMNAR FORMAT

Product (A)	Unit of measure (B)	Production for all purposes (quantity) (C)	Total shipments and interplant transfers	
			Quantity (D)	Value (E)

Columns (F)-(I) are used for a variety of measures, usually of a special nature.

Any of the measures shown in Columns A-E not required for specific products or industries, are omitted from this list.

## IV. SPECIAL CODES

Two or More Codes Assigned to a Single Product - In some instances it is necessary to assign more than one seven digit product code to a single product. The product listing for which the requested information is to be tabulated as part of the product class total has a product class number (0-9) in the fifth digit. This listing always has value as part of the requested information. The product listing for which the requested information is not to be tabulated as part of the product class total has an "X" assigned for the fifth digit. These "X" items generally request information relating only to quantity, though there are some "X" items which request data for value.

Products Reported on Form MC-D2 - All products reported on Form MC-D2 will be assigned a five digit product class code in column (J). The product class reference list will be used as the basis for determining the appropriate code, with the numerical list of manufactured products as a supplementary aid. The five digit code assigned on Form MC-D2 automatically becomes a seven digit code, since the last two digits, "99," are preprinted for each line in item 12 of this form.

Receipts for Contract and Commission Work and Other Manufacturing Services - There are a number of items which cover receipts for various services which involve manufacturing operations done for others on their own materials. These items are listed numerically in Appendix A, Part 1 and have as their first two digits "93" (except for the "90" code on Form MC-D2).

Nonmanufacturing Products and Receipts - A number of items included on the product schedules are products of nonmanufacturing industries or receipts for nonmanufacturing services. These items are listed numerically in Appendix A, Parts 2 and 3. Appendix A, Part 2, lists numerically the minerals (mining) products which are preprinted on Census of Manufactures forms. The minerals code for clay, 145---, will be completed by reference to the numerical list of mineral products. For Appendix A, Part 3, scrap and salable refuse items have "941" for their first three digits; "951" for nonmanufactured products (other than mining); and, "970" for storage and services incidental to storage.

All Other Products of a Product Class - Written-in products which are not covered by any of the specifically listed products of a product class will be classified by a seven-digit code consisting of the five digit product class followed by "98."

## V. CHANGES IN CODES ON PRODUCT SCHEDULES

Changes and corrections of codes which already appear on the printed product schedules will be found in Appendix C.



NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES  
MAJOR GROUP 19 - ORDNANCE AND ACCESSORIES

(A)	(B)	(D)	(E)
<b>INDUSTRY 1911 - GUNS, HOWITZERS, MORTARS, AND RELATED EQUIPMENT OVER 30 MM (OR OVER 1.18 INCHES)-MC-19A</b>			
19110-- GUNS, HOWITZERS, MORTARS, AND RELATED EQUIPMENT OVER 30 MM (OR OVER 1.18 INCHES)			
1911011 Guns, howitzers, and mortars, assembled.....	Dollars		
1911031 Recoiless rifles.....	Dollars		
1911051 Turrets (except aircraft turrets and aircraft turret drives), mounts, and carriages (except self-propelled).....	Dollars		
1911071 Parts and other related equipment for heavy weapons.....	Dollars		
<b>INDUSTRY 1921 - ARTILLERY AMMUNITION, OVER 30 MM (OR OVER 1.18 INCHES)-MC-19A</b>			
19210-- ARTILLERY AMMUNITION, OVER 30 MM (OR OVER 1.18 INCHES) (SEE ALSO INDUSTRY 1922) <sup>1</sup>			
1921011 Complete rounds, loaded.....	M rounds		
Cases, only			
1921031 Brass.....	M cases		
1921035 Steel.....	M cases		
1921051 Projectile metal parts.....	Dollars		
1921071 Other components (including primers, fuses, and boosters).....	Dollars		
<sup>1</sup> Classify in Industry 1921, if plant is manufacturing artillery ammunition.			
<b>INDUSTRY 1922 - AMMUNITION LOADING AND ASSEMBLY, OVER 30 MM (OR OVER 1.18 INCHES)-MC-19A</b>			
19220-- ARTILLERY AMMUNITION, OVER 30 MM (OR OVER 1.18 INCHES) (SEE ALSO INDUSTRY 1921) <sup>1</sup>			
1922011 Complete rounds, loaded.....	M rounds		
Cases, only			
1922031 Brass.....	M cases		
1922035 Steel.....	M cases		
1922051 Projectile metal parts.....	Dollars		
1922071 Other components (including primers, fuses, and boosters).....	Dollars		
19290-- BOMBS, DEPTH CHARGES, MINES, TORPEDOES, ETC., N.E.C. (SEE ALSO INDUSTRY 1929) <sup>1</sup>			
1929011 Bombs, depth charges, mines, torpedoes etc., and parts.....	Dollars		
1929031 Rockets (other than guided missiles) and parts.....	Dollars		
<sup>1</sup> Classify in Industry 1922, if plant is loading and assembling rather than manufacturing.			
<b>INDUSTRY 1929 - AMMUNITION, NOT ELSEWHERE CLASSIFIED-MC-19A</b>			
19290-- BOMBS, DEPTH CHARGES, MINES, TORPEDOES, ETC., N.E.C. (SEE ALSO INDUSTRY 1922) <sup>1</sup>			
1929011 Bombs, depth charges, mines, torpedoes etc., and parts.....	Dollars		
1929031 Rockets (other than guided missiles) and parts.....	Dollars		
<sup>1</sup> Classify in Industry 1929 if plant is manufacturing ammunition.			
<b>INDUSTRY 1931 - TANKS AND TANK COMPONENTS (INCLUDING SELF-PROPELLED WEAPONS AND PARTS)-MC-19A</b>			
19310-- COMBAT AND RECOVERY TANKS AND COMPONENTS			
Combat tanks, full tracked, and parts (including amphibian tanks and recovery tanks)			
Tanks and parts			
1931011 Medium and heavy.....	Dollars		
1931015 Light.....	Dollars		
1931051 Self-propelled weapons and parts.....	Dollars		
1931098 Other full tracked combat vehicles and parts (including armored utility vehicles).....	Dollars		
<b>INDUSTRY 1941 - SIGHTING AND FIRE-CONTROL EQUIPMENT-MC-19A</b>			
19410-- SIGHTING AND FIRE-CONTROL EQUIPMENT (SEE ALSO INDUSTRY 3831) <sup>1</sup>			
Sighting and fire-control equipment			
Electronic type			
1941011 Airborne.....	Dollars		
1941031 Shipboard.....	Dollars		
1941051 Other (Specify kind).....	Dollars		
.....	Dollars		
1941098 All other sighting and fire-control equipment (Specify kind).....	Dollars		
.....	Dollars		

<sup>1</sup>Classify in Industry 1941 if plant does not also manufacture optical lenses and prisms.

NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

MAJOR GROUP 19 - ORDNANCE AND ACCESSORIES--Continued

(A)	Unit of measure (B)	Total shipments and interplant transfers		Shipments under U. S. military contracts		All other shipments	
		Quan. (D)	Value (E)	Quan. (F)	Value (G)	Quan. (H)	Value (I)
<b>INDUSTRY 1951 - SMALL ARMS, 30 MM AND UNDER (OR 1.18 INCHES AND UNDER)-MC-19A</b>							
19511-- MACHINES GUNS, 30 MM AND UNDER (OR 1.18 INCHES AND UNDER)							
1951111 Machine guns, 20 mm to and including 30 mm.....	No. of units						
1951151 Machine guns, under 20 mm.....	No. of units						
19512-- SMALL ARMS, 30 MM AND UNDER (OR 1.18 INCHES AND UNDER)							
Small arms, 20 mm to and including 30 mm							
Rifles							
1951211 Center fire, repeating.....	No. of units						
1951213 Rim fire, repeating.....	No. of units						
1951215 Rim fire, single shot.....	No. of units						
1951219 Other small arms, 20 mm to and including 30 mm (Specify kind)	No. of units						
.....	No. of units						
Small arms, under 20 mm							
1951231 Pistols and revolvers.....	No. of units						
Rifles							
1951251 Center fire, repeating.....	No. of units						
1951253 Rim fire, repeating.....	No. of units						
1951255 Rim fire, single shot.....	No. of units						
Shot guns							
Single barrel							
1951261 Repeating.....	No. of units						
1951265 Single shot.....	No. of units						
1951271 Double barrel (including over and under type).....	No. of units						
1951279 Other small arms, under 20 mm (Specify kind)	No. of units						
.....	No. of units						
1951281 Parts and attachments for small arms.....	Dollars						
<b>INDUSTRY 1961 - SMALL ARMS AMMUNITION, 30 MM (OR 1.18 INCHES AND UNDER)-MC-19A</b>							
19610-- SMALL ARMS AMMUNITION, 30 MM AND UNDER (OR 1.18 INCHES AND UNDER)							
Small arms ammunition, 20 mm to and including 30 mm							
Complete rounds, loaded							
1961011 Brass case.....	M rounds						
1961015 Steel case.....	M rounds						
Cases, only							
1961021 Brass.....	M cases						
1961025 Steel.....	M cases						
1961031 Projectile metal parts.....	Dollars						
1961039 Other small arms ammunition, including components 20 mm to and including 30 mm not specified above (Specify kind)	Dollars						
.....	Dollars						
Small arms ammunition, under 20 mm							
Complete rounds loaded							
1961041 22 caliber.....	M rounds						
Other metallic cartridges							
1961051 Brass case.....	M rounds						
1961055 Steel case.....	M rounds						
Cases only							
1961061 Brass.....	M cases						
1961065 Steel.....	M cases						
1961071 Projectile metal parts.....	Dollars						
1961079 Other small arms ammunition, including components under 20 mm, not specified above (Specify kind)	Dollars						
.....	Dollars						
<b>INDUSTRY 1999 - ORDNANCE AND ACCESSORIES, N.E.C.-MC-19A</b>							
19990-- ORDNANCE AND ACCESSORIES, N.E.C.							
1999011 Other ordnance and accessories, not specified above, such as rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc., and their parts (Specify kind)	Dollars						
.....	Dollars						



MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS

(A)	Unit of measure (B)	Total shipments and interplant transfers (outgoing)		Purchases and interplant receipts (incoming)	
		Quantity (D)	Value (omit cents) (E)	Quantity (H)	Value, exc. delivery charges (omit cents) (I)
INDUSTRY 2011 - MEAT PACKING, WHOLESALE (INCLUDES FORMER SIC INDUSTRY 2012)-MC-20A					
20111--	FRESH BEEF				
2011111	Fresh and frozen, including carcass, primal cuts, boneless, etc.....	M pounds			
2011151	Fresh variety meats (edible organs: heart, liver, brains, kidneys, etc.).....	M pounds			
20112--	FRESH VEAL				
2011211	Fresh and frozen, including carcass, primal cuts, boneless, etc., hide off basis.....	M pounds			
2011251	Fresh variety meats (edible organs: heart, liver, brains, kidneys, etc.).....	M pounds			
20113--	FRESH LAMB AND MUTTON				
2011311	Fresh and frozen, including carcass, primal cuts, boneless, etc. pelt-off basis.....	M pounds			
2011351	Fresh variety meats (edible organs: heart, liver, brains, kidneys, etc.).....	M pounds			
20114--	FRESH PORK				
2011411	Fresh and frozen, including carcass, primal cuts, boneless, etc. (exclude head, leaf, and kidney).....	M pounds			
2011451	Fresh variety meats (edible organs: heart, liver, brains, kidneys, etc.).....	M pounds			
20115--	LARD (SEE ALSO INDUSTRY 2013) <sup>1</sup>				
2011511	Lard rendered and refined (include rendered pork fat)...	M pounds			
20116--	HIDES, SKINS, AND PELTS				
2011611	Cattle.....	Number			
2011621	Calf.....	Number			
2011651	Sheep and lamb.....	Number			
2011698	Other (Specify kind) .....	Number			
	.....	Number			
20117--	OTHER MEAT PACKING PLANT PRODUCTS, N.E.C.				
2011711	Other fresh meat (goat, horse, etc.).....	M pounds			
2011741	Pulled wool.....	M pounds			
2011751	Animal tallow, edible.....	Short tons			
2011755	Animal stearin, edible.....	Short tons			
2011761	Glue stock (semi-manufactured material to be processed into glue).....	M pounds			
2011765	Killing floor offal, inedible meat scraps, and bones...	Dollars			
20131--	PORK, PROCESSED AND CURED (SEE ALSO INDUSTRY 2013) <sup>1</sup>				
2013111	Sweet pickled or dry cured.....	M pounds			
2013121	Dry salt.....	M pounds			
2013131	Smoked hams and picnics (except canned).....	M pounds			
2013141	Sliced bacon (except canned).....	M pounds			
2013151	Other smoked pork products.....	M pounds			
2013161	Cooked, boiled and ready-to-eat pork (exclude smoked products).....	M pounds			
2013198	Other edible pork (Specify kind) .....	M pounds			
	.....	M pounds			
20132--	SAUSAGE AND OTHER PREPARED MEAT PRODUCTS, NOT CANNED (SEE ALSO INDUSTRY 2013) <sup>1</sup>				
2013211	Fresh pork sausage.....	M pounds			
2013215	Other fresh sausage, excluding hamburger.....	M pounds			
2013221	Frankfurters.....	M pounds			
2013225	Bologna.....	M pounds			
2013231	Liver sausage or braunschweiger.....	M pounds			
2013235	Salami, all types.....	M pounds			
2013241	Other hard dry sausage.....	M pounds			
2013245	Other semi-dry sausage.....	M pounds			
2013251	Meat loaves.....	M pounds			
2013298	Jellied goods and other preparations, not canned (soupe, head cheese, puddings, scrapple, and similar products).	M pounds			

NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	Unit of measure (B)	Total shipments and interplant transfers (outgoing)		Purchases and interplant receipts (incoming)	
		Quantity (D)	Value (omit cents) (E)	Quantity (H)	Value, exc. delivery charges (omit cents) (I)
INDUSTRY 2011 - MEAT PACKING, WHOLESALE - MC-20A--Continued					
20133--	CANNED MEATS, EXCEPT DOG AND CAT FOOD (PACKED IN TIN OR GLASS) (SEE ALSO INDUSTRY 2013) <sup>1</sup>				
2013311	Products containing 20% or more meat.....	M pounds			
2013351	Products containing less than 20% meat (Specify kind) .....	M pounds			
	.....	M pounds			
20134--	DRIED BEEF AND OTHER CURED MEATS (SEE ALSO INDUSTRY 2013) <sup>1</sup>				
2013411	Pickled or cured (except dried and dehydrated).....	M pounds			
2013413	Dried or dehydrated (except packed in glass or tin)....	M pounds			
2013415	Cooked or roasted (except sausage).....	M pounds			
2013419	Other edible beef (Specify kind) .....	M pounds			
	.....	M pounds			
2013429	Other edible veal (Specify kind) .....	M pounds			
	.....	M pounds			
2013431	Other edible lamb and mutton (Specify kind) .....	M pounds			
	.....	M pounds			
<sup>1</sup> Classify in Industry 2011 if plant is slaughtering animals.					
INDUSTRY 2012 - CUSTOM SLAUGHTERING, WHOLESALE (COMBINED WITH CENSUS INDUSTRY 2011) - MC-20A					

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	Unit of measure (B)	Total shipments and interplant transfers (outgoing)		Purchases and interplant receipts (incoming)	
		Quantity (D)	Value (omit cents) (E)	Quantity (H)	Value, exc. delivery charges (omit cents) (I)
<b>INDUSTRY 2013 - PREPARED MEATS - MC-20A</b>					
20131--	PORK, PROCESSED AND CURED (SEE ALSO INDUSTRY 2011) <sup>1</sup>				
2013111	Sweet pickled or dry cured.....	M pounds			
2013121	Dry salt.....	M pounds			
2013131	Smoked hams and picnics (except canned).....	M pounds			
2013141	Sliced bacon (except canned).....	M pounds			
2013151	Other smoked pork products.....	M pounds			
2013161	Cooked, boiled and ready-to-eat pork (exclude smoked products).....	M pounds			
2013198	Other edible pork (Specify kind) ..... .....	M pounds M pounds			
20132--	SAUSAGE AND OTHER PREPARED MEAT PRODUCTS, NOT CANNED (SEE ALSO INDUSTRY 2011) <sup>1</sup>				
2013211	Fresh pork sausage.....	M pounds			
2013215	Other fresh sausage, excluding hamburger.....	M pounds			
2013221	Frankfurters.....	M pounds			
2013225	Bologna.....	M pounds			
2013231	Liver sausage or braunschweiger.....	M pounds			
2013235	Salami, all types.....	M pounds			
2013241	Other hard dry sausage.....	M pounds			
2013245	Other semi-dry sausage.....	M pounds			
2013251	Meat loaves.....	M pounds			
2013298	Jellied goods and other preparations, not canned (soupe, head cheese, puddings, scrapple, and similar products).....	M pounds			
20133--	CANNED MEATS, EXCEPT DOG AND CAT FOOD (PACKED IN TIN OR GLASS) (SEE ALSO INDUSTRY 2011) <sup>1</sup>				
2013311	Products containing 20% or more meat.....	M pounds			
2013351	Products containing less than 20% meat (Specify kind) ..... .....	M pounds M pounds			
20134--	DRIED BEEF AND OTHER CURED MEATS (SEE ALSO INDUSTRY 2011) <sup>1</sup>				
2013411	Pickled or cured (except dried and dehydrated).....	M pounds			
2013413	Dried or dehydrated (except packed in glass or tin).....	M pounds			
2013415	Cooked or roasted (except sausage).....	M pounds			
2013419	Other edible beef (Specify kind) ..... .....	M pounds M pounds			
2013429	Other edible veal (Specify kind) ..... .....	M pounds M pounds			
2013431	Other edible lamb and mutton (Specify kind) ..... .....	M pounds M pounds			
20115--	LARD (SEE ALSO INDUSTRY 2011) <sup>1</sup>				
2011511	Lard rendered and refined (include rendered pork fat)....	M pounds			
<sup>1</sup> Classify in Industry 2013 if plant does not slaughter animals					
<b>INDUSTRY 2014 - SAUSAGE CASING - MC-20A</b>					
20140--	SAUSAGE CASINGS, NATURAL AND SYNTHETIC				
2014011	Beef.....	Dollars			
2014031	Hog.....	Dollars			
2014051	Sheep and lamb.....	Dollars			
2014061	Natural casings, other.....	Dollars			
2014071	Synthetic casings.....	M pounds			



## MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 2015 - POULTRY DRESSING, WHOLESALE-MC-20W</b>				
POULTRY AND SMALL GAME (KILLED IN THIS ESTABLISHMENT)				
20151--	HENS (OR FOWL) AND OTHER CHICKENS, EXCEPT CHICKENS 2 TO 4 POUNDS			
2015111	New York dressed (dressed weight).....	M pounds		
2015115	Eviscerated or drawn (eviscerated weight).....	M pounds		
20152--	YOUNG CHICKENS, 2 TO 4 POUNDS LIVE WEIGHT (INCLUDE COMMERCIAL BROILERS)			
2015211	New York dressed (dressed weight).....	M pounds		
2015215	Eviscerated or drawn (eviscerated weight).....	M pounds		
20153--	TURKEYS			
2015311	New York dressed (dressed weight).....	M pounds		
2015315	Eviscerated or drawn (eviscerated weight).....	M pounds		
20154--	OTHER POULTRY AND SMALL GAME			
2015411	Other poultry and small game killed in this establishment (ducks, geese, rabbits, etc.).....	M pounds		
<b>INDUSTRY 2021 - CREAMERY BUTTER-MC-20C AND MC-20Z</b>				
20210--	CREAMERY BUTTER (SEE ALSO INDUSTRY 2027) <sup>1</sup>			
2021011	Butter (creamery and whey).....	M pounds		
<sup>1</sup> Classify in Industry 2021 if plant does not distribute fluid milk and cream.				
<b>INDUSTRY 2022 - NATURAL CHEESE-MC-20C AND MC-20Z</b>				
20220--	NATURAL CHEESE (SEE ALSO INDUSTRY 2027) <sup>1</sup>			
	Cottage, pot, and bakers' cheese			
2022011	Cheese creamed to 4% butterfat content.....	M pounds		
2022015	Other (include curd and partly creamed).....	M pounds		
2022098	Natural cheese, except cottage, pot, and bakers' (Cheddar, Colby, brick, cream, foreign types, etc.).....	M pounds		
20252--	PROCESSED CHEESE AND RELATED PRODUCTS MADE FROM NATURAL CHEESE (SEE ALSO INDUSTRY 2025) <sup>2</sup>			
2025211	Process cheese.....	M pounds		
2025213	Cheese food.....	M pounds		
2025215	Cheese spread.....	M pounds		
2025298	Other related cheese products made from natural cheese.....	M pounds		
<sup>1</sup> Classify in Industry 2022 if plant does not distribute fluid milk and cream.				
<sup>2</sup> Classify in Industry 2022, if plant produces process cheese primarily from natural cheese produced in same plant.				
<b>INDUSTRY 2023 - CONDENSED, EVAPORATED AND DRIED MILK-MC-20C</b>				
20231--	DRY MILK PRODUCTS (INCLUDE DRY WHOLE MILK, DRY SKIM MILK, DRY BUTTERMILK, AND WHEY)			
2023111	Non-fat dry milk solids.....	M pounds		
2023115	Other.....	M pounds		
20232--	CANNED MILK (INCLUDE EVAPORATED AND CONDENSED)			
2023211	Milk condensed in this plant.....	M pounds		
2023215	Milk condensed elsewhere.....	M pounds		
20233--	BULK EVAPORATED AND CONDENSED MILK PRODUCTS (DERIVED FROM WHOLE MILK, SKIM MILK, SWEETENED AND UNSWEETENED; BUTTERMILK AND WHEY)			
2023311	For human consumption.....	M pounds		
2023315	Other.....	M pounds		
20234--	ICE CREAM MIX AND ICE MILK MIX			
2023411	Ice cream mix and ice milk mix, liquid, paste or dry (liquid equivalent).....	M gallons		



MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 204 - ICE CREAM AND ICES-MC-20C</b>				
20240--	ICE CREAM AND ICES (SEE ALSO INDUSTRY 2027) <sup>1</sup>			
2024000	Ice cream and ices (on Form MC-20Z only).....	M gallons		
2024011	Ice cream.....	M gallons		
2024051	Water ices.....	M gallons		
2024071	Mellorine and similar frozen desserts (containing fats or oils other than butterfat).....	M gallons		
2024098	Other frozen dairy foods (sherbets, ice milk, custards, etc.).....	M gallons		
<sup>1</sup> Classify in Industry 2024 if plant does not distribute fluid milk and cream.				
<b>INDUSTRY 205 - SPECIAL DAIRY PRODUCTS-MC-20C</b>				
20251--	SPECIAL DAIRY PRODUCTS (SEE ALSO INDUSTRY 2027) <sup>1</sup>			
2025111	Malted milk powder.....	M pounds		
2025131	Cultured buttermilk, chocolate milk, eggnog, and other dairy drinks.....	M quarts		
2025141	Ready-whipped cream.....	M pounds		
2025161	Casein.....	M pounds		
2025171	Dietary supplements, including infants' other than vitamins (50% or more milk solids).....	Dollars		
20252--	PROCESS CHEESE AND RELATED PRODUCTS MADE FROM NATURAL CHEESE (SEE ALSO INDUSTRY 2022) <sup>2</sup>			
2025211	Process cheese.....	M pounds		
2025213	Cheese food.....	M pounds		
2025215	Cheese spread.....	M pounds		
2025298	Other related cheese products made from natural cheese.....	M pounds		
<sup>1</sup> Classify in Industry 2025 if plant does not distribute fluid milk and cream.				
<sup>2</sup> Classify in Industry 2025, if plant produces process cheese primarily from purchased natural cheese.				
<b>INDUSTRY 206 - FLUID MILK (PASTEURIZING, BOTTLING, ETC. ONLY)-MC-20C AND MC-20Z</b>				
20271--	BULK FLUID MILK AND CREAM (SEE ALSO INDUSTRY 2027) <sup>1</sup>			
2027111	Bulk fluid milk sold (excluding milk sold to hotels, restaurants, and institutions)	M pounds		
2027151	Bulk fluid cream sold (excluding cream sold to hotels, restaurants, and institutions).....	M pounds		
20272--	BOTTLED FLUID MILK AND CREAM (INCLUDING BULK MILK SOLD TO HOTELS, RESTAURANTS, AND INSTITUTIONS) (SEE ALSO INDUSTRY 2027) <sup>1</sup>			
2027211	Paperboard cartons.....	M quarts		
	Other containers (including estimated breakdown for mixed routes)			
2027221	Wholesale routes.....	M quarts		
2027225	Retail routes.....	M quarts		
2027251	Bottled cream (including bulk cream sold to hotels, restaurants, and institutions).	M quarts		
<sup>1</sup> Classify in Industry 2026, if plant processes and distributes fluid milk and cream but does not manufacture other dairy products.				

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)		Unit of measure (B)	Total shipments (sales) and interplant transfers	
			Quantity (D)	Value (omit cents) (E)
INDUSTRY 2027 - FLUID MILK OTHER DAIRY PRODUCTS - MC-20C AND MC-20Z				
20271--	BULK FLUID MILK AND CREAM (SEE ALSO INDUSTRY 2026) <sup>1</sup>			
2027111	Bulk fluid milk sold (excluding milk sold to hotels, restaurants, and institutions).....	M pounds		
2027151	Bulk fluid cream sold (excluding cream sold to hotels, restaurants, and institutions).....	M pounds		
20272--	BOTTLED FLUID MILK AND CREAM (INCLUDING BULK MILK SOLD TO HOTELS, RESTAURANTS, AND INSTITUTIONS) (SEE ALSO INDUSTRY 2026) <sup>1</sup>			
2027211	Paperboard cartons.....	M quarts		
	Other containers (including estimated breakdown for mixed routes)			
2027221	Wholesale routes.....	M quarts		
2027225	Retail routes.....	M quarts		
2027251	Bottled cream (including bulk cream sold to hotels, restaurants, and institutions).....	M quarts		

<sup>1</sup>Classify in Industry 2027, if plant processes and distributes fluid milk and cream and also manufactures other dairy products.

		Unit of measure (B)	Total production	
			Quantity (D)	Value f.o.b. plant (omit cents) (E)
INDUSTRY 2031 - CANNED SEAFOOD - MC-20D				
20310--	CANNED FISH AND OTHER SEAFOOD			
2031011	Canned fish and other seafood.....	M pounds		
2031051	Canned clam chowder, broth, bouillon, and juice.....	M pounds		
INDUSTRY 2032 - CURED FISH-- MC-20D				
20320--	CURED FISH AND OTHER SEAFOOD			
2032011	Smoked salmon.....	M pounds		
2032021	Other smoked fish (herring, whitefish, chub, cisco, etc.).....	M pounds		
	Salted and pickled fish			
2032031	Sold for further processing.....	M pounds		
2032035	Sold as finished products ready for consumption.....	M pounds		

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	Unit of measure (B <sup>1</sup> )	Container size (B <sup>2</sup> )	Tin or glass (B <sup>3</sup> )	Total production (pack)	
				Quantity (D)	Value f.o.b. plant (omit cents) (E)
<b>INDUSTRY 2033 - CANNING AND PRESERVING, EXCEPT FISH - MC-20E</b>					
20331--	<b>CANNED FRUITS</b>				
2033111	Apples.....	Dozen			
2033113	Applesauce.....	Dozen			
2033115	Apricots.....	Dozen			
2033117	Berries, all varieties except cranberries.....	Dozen			
2033121	Cherries, red pitted.....	Dozen			
2033123	Cherries, except red pitted and maraschino.....	Dozen			
2033125	Cranberries and cranberry sauce.....	Dozen			
2033127	Figs.....	Dozen			
2033131	Grapefruit segments.....	Dozen			
2033133	Mixed fruit (fruits for salad, fruit cocktail).....	Dozen			
2033135	Olives, ripe and green ripe.....	Dozen			
2033137	Olives, green, bottled, including stuffed.....	Dozen			
2033151	Peaches.....	Dozen			
2033153	Pears.....	Dozen			
2033155	Plums and prunes, all varieties.....	Dozen			
2033198	Other canned fruit (Specify kind)	Dozen			
	.....	Dozen			
	.....	Dozen			
20332--	<b>CANNED SEASONAL VEGETABLES</b>				
2033211	Asparagus.....	Dozen			
2033213	Beans, fresh lima.....	Dozen			
2033215	Beans, green and wax.....	Dozen			
2033217	Beets.....	Dozen			
2033231	Carrots.....	Dozen			
2033233	Corn, sweet.....	Dozen			
2033235	Mixed vegetables (succotash, carrots and peas, vegetable salad, and other combinations).....	Dozen			
2033237	Peas, fresh green, English.....	Dozen			
2033251	Peas, other (cowpeas, blackeye, crowder, etc.).....	Dozen			
2033253	Pumpkin and squash.....	Dozen			
2033255	Spinach.....	Dozen			
2033271	Tomatoes (include whole, plain packed and canned with puree or juice).....	Dozen			
2033298	Other canned seasonal vegetables (Specify kind)	Dozen			
	.....	Dozen			
	.....	Dozen			
20333--	<b>CANNED NONSEASONAL VEGETABLES AND SPECIALTIES</b>				
2033311	Beans, with pork or sauce, including baked.....	Dozen			
2033313	Beans, other dry varieties, except soys.....	Dozen			
2033315	Hominy.....	Dozen			
2033317	Mushrooms.....	Dozen			
2033321	Pimientos.....	Dozen			
2033331	Spaghetti, with meat.....	Dozen			
2033333	Spaghetti, without meat.....	Dozen			
2033335	Sweet potatoes, solid, sirup, and vacuum packs.....	Dozen			
2033351	Tomato paste.....	Dozen			
2033353	Tomato pulp and puree, made for sale as such.....	Dozen			
2033355	Sauerkraut.....	Dozen			
2033361	Canned chinese foods (Chow-mein, chop suey, etc.).....	Dozen			
2033398	Other canned nonseasonal vegetables (Specify kind)	Dozen			
	.....	Dozen			
	.....	Dozen			

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	Unit of measure (B <sup>1</sup> )	Container size (B <sup>2</sup> )	Tin or glass (B <sup>3</sup> )	Total production (pack)	
				Quantity (D)	Value f.o.b. plant (omit cents) (E)
<b>INDUSTRY 2033 - CANNING AND PRESERVING, EXCEPT FISH - MC-20E--Continued</b>					
20334--	CANNED FRUIT JUICES				
	Canned single strength juices, not frozen				
2033411	Dozen				
2033421	Dozen				
2033431	Dozen				
2033441	Dozen				
2033451	Dozen				
2033461	Dozen				
2033498	Dozen				
	Dozen				
20335--	CANNED VEGETABLE JUICES				
2033511	Dozen				
2033598	Dozen				
	Dozen				
20336--	CANNED BABY FOODS				
2033611	Dozen				
2033631	Dozen				
2033651	Dozen				
2033698	Dozen				
20337--	CANNED SOUPS AND POULTRY PRODUCTS				
2033711	Dozen				
2033751	Dozen				
	Unit of measure (B)	Total production (pack)		Quantity (D)	Value f.o.b. plant (omit cents) (E)
20338--	JAMS, JELLIES, AND PRESERVES				
	Jams and preserves, pure				
2033811	M pounds				
2033815	M pounds				
	Jellies, pure				
2033821	M pounds				
2033825	M pounds				
2033831	M pounds				
2033841	M pounds				
2033851	M pounds				
2033861	M gallons				
2033898	M pounds				
	M pounds				
	Unit of measure (B)	Production		Quantity (D)	Value f.o.b. plant (omit cents) (E)
<b>INDUSTRY 2034 - DRIED AND DEHYDRATED FRUITS AND VEGETABLES - MC-D1<sup>1</sup></b>					
20340--	DRIED AND DEHYDRATED FRUITS AND VEGETABLES AND SOUP MIX				
2034011	M pounds				

<sup>1</sup>No specific products of this industry are listed on the product schedule. Any products which are classified in this industry will be "written in" by the reporting establishment.



MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	Unit of measure (B1)	Container size (B2)	Tin or glass (B3)	Total production (pack)	
				Quantity (D)	Value f.o.b. plant (omit cents) (E)
<b>INDUSTRY 2035 - PICKLES AND SAUCES - MC-20E</b>					
20351--	<b>CATSUP AND OTHER TOMATO SAUCES</b>				
2035111	Dozen				
2035131	Dozen				
2035151	Dozen				
20352--	<b>PICKLES AND OTHER PICKLE PRODUCTS</b>				
2035211	M gallons				
2035213	M gallons				
2035215	M gallons				
2035217	M gallons				
2035231	M gallons				
2035251	M gallons				
2035261	M gallons				
20353--	<b>MUSTARD AND OTHER MEAT SAUCES, EXCEPT TOMATO</b>				
2035311	M gallons				
2035351	M gallons				
20354--	<b>SALAD DRESSINGS, INCLUDING MAYONNAISE</b>				
2035411	M gallons				
2035415	M gallons				
2035421	M gallons				
2035425	M gallons				
2035431	M gallons				
2035441	M gallons				
2035451	M gallons				
20355--	<b>UNFINISHED PICKLES, ETC., N.E.C.</b>				
2035511	M gallons				

## MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	Unit of measure (B)	Total production (pack)	
		Quantity (C)	Value f.o.b. plant (omit cents) (D)
INDUSTRY 2036 - FRESH AND FROZEN PACKAGED FISH AND SEAFOOD - MC-20D (PART OF FORMER SIC INDUSTRY 2037)			
20361-- 2036111	FROZEN SEAFOOD (FISH, SHRIMP, OYSTERS, ETC.) Frozen seafood (fish, shrimp, oysters, etc.).....	M pounds	
20362-- 2036211	FRESH PACKAGED SEAFOOD (FILLETS, STEAKS, SHUCKED OYSTERS, ETC., NOT FROZEN) Fresh packaged seafood (fillets, steaks, shucked oysters, etc., not frozen)..	M pounds	
INDUSTRY 2037 - FROZEN FRUITS, FRUIT JUICES AND VEGETABLES-MC-20E (PART OF FORMER SIC INDUSTRY 2037)			
20371--	FROZEN FRUITS AND JUICES		
	Frozen fruits and berries, including purees		
2037111	Apples.....	M pounds	
2037121	Appricots.....	M pounds	
	Berries		
2037131	Blackberries and dewberries.....	M pounds	
2037132	Blueberries.....	M pounds	
2037134	Raspberries, red.....	M pounds	
2037135	Strawberries.....	M pounds	
2037139	Other berries.....	M pounds	
2037141	Cherries, red sour.....	M pounds	
2037151	Peaches.....	M pounds	
2037165	Other fruit (Specify kind)	M pounds	
	.....	M pounds	
	.....	M pounds	
	Frozen fruit and berry juices, concentrated		
2037171	Orange.....	M pounds	
2037173	Grapefruit.....	M pounds	
2037174	Orange and grapefruit.....	M pounds	
2037176	Lemonade.....	M pounds	
2037177	Orangeage.....	M pounds	
2037178	Grape.....	M pounds	
2037179	Other (Specify kind)	M pounds	
	.....	M pounds	
	.....	M pounds	
20372--	FROZEN VEGETABLES		
2037211	Asparagus.....	M pounds	
2037215	Beans, green and wax, all styles.....	M pounds	
2037221	Beans, fresh lima.....	M pounds	
2037225	Broccoli.....	M pounds	
2037231	Brussels sprouts.....	M pounds	
2037235	Cauliflower.....	M pounds	
2037241	Peas, fresh green.....	M pounds	
2037245	Spinach.....	M pounds	
2037251	Sweet corn, cut.....	M pounds	
2037298	Other vegetables (Specify kind)	M pounds	
	.....	M pounds	
	.....	M pounds	

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)
<b>INDUSTRY 2041 - FLOUR AND MEAL-MC-20F</b>				
20411--	WHEAT FLOUR EXCEPT BLENDED OR PREPARED			
	White			
2041111	Enriched.....	Sack (cwt.)		
2041115	Plain.....	Sack (cwt.)		
2041131	Whole wheat.....	Sack (cwt.)		
2041151	Durum flour and semolina.....	Sack (cwt.)		
2041198	Other wheat flour, including farina.....	Sack (cwt.)		
20412--	WHEAT BRAN, SHORTS, AND MIDDINGS			
2041211	Wheat bran, shorts, and middlings.....	Tons (2,000 lbs.)		
20413--	DRY CORN MILLING PRODUCTS			
	Corn meal for human consumption			
2041311	Whole corn meal.....	Sack (cwt.)		
2041315	Degermed corn meal.....	Sack (cwt.)		
2041351	Corn meal for animal feed.....	Sack (cwt.)		
20414--	OTHER GRAIN-MILL PRODUCTS EXCEPT WHEAT FLOUR AND BLENDS			
2041411	Rye flour.....	Sack (cwt.)		
2041431	Corn grits and hominy for human consumption.....	Sack (cwt.)		
2041435	Corn grits and flakes for brewers' use.....	Sack (cwt.)		
2041451	Hominy feed and other byproducts of dry corn milling (for animal feed).....	Ton (2,000 lbs.)		
2041471	Oat mill feed and other byproducts of oats.....	Ton (2,000 lbs.)		
2041498	Other grain mill products (rye offal, corn flour, buckwheat flour, etc.).....	Sack (cwt.)		
20450--	BLENDED AND PREPARED FLOUR (SEE ALSO INDUSTRY 2045) <sup>1</sup>			
	Self-rising and other prepared flour			
2045011	Phosphated.....	Sack (cwt.)		
2045031	Self-rising.....	Sack (cwt.)		
	Prepared flour mixes			
2045041	Pancake and waffle mixes.....	Sack (cwt.)		
2045043	Cake mixes.....	Sack (cwt.)		
2045045	Biscuit mixes.....	Sack (cwt.)		
2045047	Pie crust mixes.....	Sack (cwt.)		
2045049	Other prepared flour mixes (Specify kind) .....	Sack (cwt.)		
	.....	Sack (cwt.)		
<sup>1</sup> Classify in Industry 2041, if made in plant primarily milling flour from grain.				
<b>INDUSTRY 2042 - PREPARED ANIMAL FEEDS-MC-20F</b>				
20421--	POULTRY FEEDS			
2042111	All scratch feeds chicken mash and pellets, under 25% protein.....	Sack (cwt.)		
2042121	Layer and breeder.....	Sack (cwt.)		
2042123	Starter.....	Sack (cwt.)		
2042125	Grower.....	Sack (cwt.)		
2042127	Broiler.....	Sack (cwt.)		
2042131	Turkey mash and pellets, under 25% protein.....	Sack (cwt.)		
2042141	Other poultry feeds, under 25% protein.....	Sack (cwt.)		
	Supplements and concentrates, 25% protein and over			
2042151	Chicken.....	Sack (cwt.)		
2042155	Turkey.....	Sack (cwt.)		
20422--	LIVESTOCK FEEDS			
2042211	Dairy, under 25% protein.....	Sack (cwt.)		
2042212	Dairy, 25% protein and over.....	Sack (cwt.)		
2042221	Beef and range cattle.....	Sack (cwt.)		
2042231	Pig and hog, under 25% protein.....	Sack (cwt.)		
2042235	Pig and hog, 25% protein and over.....	Sack (cwt.)		
2042241	Horse and mule.....	Sack (cwt.)		
2042298	Other livestock feeds.....	Sack (cwt.)		
20423--	DOG AND CAT FOOD			
2042311	Canned.....	M pounds		
2042351	Biscuit, pellets, and meal.....	M pounds		
20424--	ALL OTHER PREPARED ANIMAL FEED INCLUDING ALFALFA MEAL AND MINERAL MIXTURES			
2042411	Grain ground, rolled, pulverized, chopped or crimped (mixed or unmixed, for general use).....	Sack (cwt.)		
2042421	Mineral mixtures.....	M pounds		
	Alfalfa meal			
2042431	Sun cured.....	Ton (2,000 lbs.)		
2042435	Dehydrated.....	Ton (2,000 lbs.)		



MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 2043 - CEREAL PREPARATIONS-MC-20F</b>				
20430--	CEREAL BREAKFAST FOODS			
	Ready to serve			
2043011	Corn flakes and other corn breakfast foods.....	M pounds		
2043012	Wheat flakes and other wheat breakfast foods.....	M pounds		
2043019	Preparations of other grains and mixed grains.....	M pounds		
	To be cooked before serving			
2043052	Farina and other wheat foods.....	M pounds		
2043053	Rolled oats and oatmeal.....	M pounds		
2043059	Preparations of other grains and mixed grains.....	M pounds		
<b>INDUSTRY 2044 - RICE CLEANING AND POLISHING-MC-20G</b>				
20440--	MILLED RICE AND BYPRODUCTS			
	Head rice			
2044011	Packed in 100 pound bags and over.....	M pounds		
2044015	Packed in 3 pound containers or less.....	M pounds		
2044017	Packed in all other containers.....	M pounds		
2044021	Second heads.....	M pounds		
2044031	Screenings.....	M pounds		
2044041	Brewers rice.....	M pounds		
2044051	Bran.....	M pounds		
2044061	Polish.....	M pounds		
2044098	All other products (Specify kind and unit of measure)			
	.....			
	.....			
<b>INDUSTRY 2045 - BLENDED AND PREPARED FLOUR-MC-20F</b>				
20450--	BLENDED AND PREPARED FLOUR (SEE ALSO INDUSTRY 2041) <sup>1</sup>			
	Self-rising and other prepared flour			
2045011	Phosphated.....	Sack (cwt.)		
2045031	Self-rising.....	Sack (cwt.)		
	Prepared flour mixes			
2045041	Pancake and waffle mixes.....	Sack (cwt.)		
2045043	Cake mixes.....	Sack (cwt.)		
2045045	Biscuit mixes.....	Sack (cwt.)		
2045047	Pie crust mixes.....	Sack (cwt.)		
2045049	Other prepared flour mixes (Specify kind)			
	.....	Sack (cwt.)		
	.....	Sack (cwt.)		

<sup>1</sup>Classify in Industry 2045, if prepared flour is made primarily from purchased flour.



MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	Unit of measure (B)	Net sales and interplant transfers	
		Quantity (D)	Value (omit cents) (E)
<b>INDUSTRY 2051 - BREAD AND OTHER BAKERY PRODUCTS-MC-20H</b>			
20511--	BREAD AND OTHER BREAD TYPE ROLLS		
	Bread		
2051111	White, pan.....	M pounds (baked weight)	
2051113	White, hearth.....	M pounds (baked weight)	
2051115	Whole wheat, cracked wheat, and other dark wheat breads....	M pounds (baked weight)	
2051117	Rye, including pumpernickel.....	M pounds (baked weight)	
2051119	Raisin and other specialty breads.....	M pounds (baked weight)	
2051131	Rolls, bread type (including kaiser, parkerhouse, hamburger, and weiner rolls, etc.).....	M pounds (baked weight)	
20512--	SWEET YEAST GOODS		
2051211	Sweet yeast goods, all types, including sweet rolls, coffee cake, puff pastry and yeast-raised doughnuts.....	M pound (baked weight)	
20513--	SOFT CAKES		
2051311	Soft cakes, all types, including pound, layer, fruit, etc....	M pounds (baked weight)	
20514--	PIES		
2051411	Pies.....	M pounds (baked weight)	
20515--	PASTRIES		
2051511	Pastries, all types of baking powder leavened only, including cream puffs, eclairs, lady fingers, French pastry, etc.....	Dollars	
20516--	COOKIES (HAND MADE)		
2051611	Cookies, all types of hard and soft sweetened cookies and wafers (hand-made).....	M pounds (baked weight)	
20517--	DOUGHNUTS (CAKE TYPE)		
2051711	Doughnuts, cake type (baking powder leavened).....	M dozen	
<b>INDUSTRY 2052 - BISCUIT, CRACKERS, AND PRETZELS-MC-20H</b>			
20520--	BISCUITS, CRACKERS, AND PRETZELS		
2052011	Cookies, all types of hard and soft sweetened cookies and wafers (machine-made).....	M pounds (baked weight)	
2052031	Crackers, sponge, grahams, sprayed varieties, and low-sugar content biscuit.....	M pounds (baked weight)	
2052051	Pretzels.....	M pounds (baked weight)	

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes (quantity) (C)	Total shipments and interplant transfers		Excise taxes (omit cents) (H)
			Quantity (D)	Value f.o.b. plant excluding excise taxes (omit cents) (E)	
INDUSTRY 2061 - RAW CANE SUGAR-MC-20J					
20611-- 2061111	RAW CANE SUGAR Raw cane sugar.....	Short ton			
20612-- 2061211	OTHER CANE SUGAR MILL PRODUCTS AND BYPRODUCTS Plantation granulated sugar (not including refined sugar resulting from melting raws in a typical refining operation).....	Short ton			
2061221	Other sugar grades (yellow clarified, white clarified, turbinado, crystals, and all special grades other than granulated).....	Short ton			
2061231	Sugar cane sirup (from which no sugar has been removed).	Short ton			
2061241	Molasses, except blackstrap (from which some sugar has been removed).....	Short ton			
2061251	Blackstrap molasses (except refiners blackstrap).....	Short ton			
2061261	Bagasse.....	Short ton			
INDUSTRY 2062 - CANE SUGAR REFINING-MC-20J					
20621-- 2062111	REFINED CANE SUGAR Granulated cane sugar Shipped in consumer units (cartons and sacks of 1, 2, 5, 10, and 25 pounds, including such sizes packed for shipment in cases, bales, or bundles).....	Short ton			
2062113	Shipped in bulk containers (50 and 100 pound bags, and barrels).....	Short ton			
2062115	Shipped in bulk (rail cars or trucks).....	Short ton			
2062121	Cube and tablet sugar.....	Short ton			
2062131	Confectioner's powdered Shipped in consumer units (containers of 10 pounds or less).....	Short ton			
2062135	Shipped in bulk containers (more than 10 pounds).....	Short ton			
2062141	Soft or brown sugar Shipped in consumer units (containers of 10 pounds or less).....	Short ton			
2062145	Shipped in bulk containers (more than 10 pounds).....	Short ton			
2062153	Liquid sugar or sugar sirup Sucrose type.....	Short ton of sugar solids			
2062155	Invert type.....	Short ton of sugar solids			
2062161	Invert sugar, plastic.....	Short ton			
20622-- 2062211	OTHER CANE SUGAR REFINERY PRODUCTS AND BYPRODUCTS Refiners' blackstrap and barrel sirup.....	Short ton			
2062251	Refiners' sirup, other than blackstrap and barrel sirup (include filtered blackstrap).....	Short ton			
2062X-- 2062X11	REFINED CANE SUGAR PRODUCTION Granulated cane sugar, total.....	Short ton			
2062X31	Confectioner's powdered, total.....	Short ton			
2062X41	Soft or brown sugar, total.....	Short ton			

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes (quantity) (C)	Total shipments and interplant transfers		Excise taxes (omit cents) (H)
			Quantity (D)	Value f.o.b. plant, excluding excise taxes (omit cents) (E)	
<b>INDUSTRY 2063 - BEET SUGAR-MC-20J</b>					
20631--	REFINED BEET SUGAR				
2063111	Granulated beet sugar				
2063113	Short ton				
2063115	Short ton				
2063131	Short ton				
2063135	Short ton				
2063151	Short ton of sugar solids				
20632--	OTHER BEET SUGAR FACTORY PRODUCTS AND BYPRODUCTS				
2063211	Short ton				
2063221	Short ton				
2063225	Short ton				
2063231	Short ton				
2063241	Short ton				
2063251	Short ton				
2063261	Short ton				
2063X--	REFINED BEET SUGAR PRODUCTION				
2063X11	Short ton				
2063X31	Short ton				
	Unit of measure (B)	Net sales and transfers			
		Quantity (D)	Value (omit cents) (E)		
<b>INDUSTRY 2071 - CONFECTIONERY PRODUCTS-MC-20K</b>					
20711--	BAR GOODS (EXCEPT SOLID CHOCOLATE BARS)				
2071111	M pounds				
2071131	M pounds				
20712--	5¢ AND 10¢ SPECIALTIES (OTHER THAN BARS AND COUGH DROPS)				
2071211	M pounds				
2071231	M pounds				
2071251	M pounds				
2071271	M pounds				
2071298	M pounds				
20713--	PACKAGE GOODS TO RETAIL AT				
2071311	M pounds				
2071331	M pounds				
2071351	M pounds				
2071371	M pounds				
20714--	BULK GOODS				
2071411	M pounds				
2071431	M pounds				
2071432	M pounds				
2071433	M pounds				
2071434	M pounds				
2071435	M pounds				
2071436	M pounds				
2071437	M pounds				
2071439	M pounds				
20715--	SALTED, ROASTED, AND BLANCHED NUTS				
2071511	M pounds				
20716--	OTHER CANDY AND CONFECTIONERY, N.E.C.				
2071611	M pounds				
2071621	M pounds				
2071631	M pounds				
2071651	M pounds				
2071671	M pounds				



MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2072 - CHOCOLATE AND COCOA PRODUCTS-MC-20L				
20721--	CHOCOLATE COATINGS			
2072111	Sweet.....	M pounds		
2072121	Milk.....	M pounds		
2072131	Liquor.....	M pounds		
20722--	OTHER CHOCOLATE AND COCOA PRODUCTS, N.E.C. (SEE ALSO INDUSTRY 2099) <sup>1</sup>			
	Chocolate (except coatings)			
	For baking, cooking, etc.			
2072211	Unsweetened.....	M pounds		
2072221	Sweetened.....	M pounds		
	Confectionery-type (solid bars, and other molded confections)			
2072231	Dark chocolate.....	M pounds		
	Milk chocolate			
2072241	Plain.....	M pounds		
2072245	With nuts, etc.....	M pounds		
	Cocoa, powdered			
	Unsweetened			
2072261	In cans or packages of 2-1/2 pounds or less.....	M pounds		
2072265	In other containers and in bulk (barrels, drums, bags, etc.).....	M pounds		
	Sweetened or mixed with other substances			
2072271	In cans or packages of 2-1/2 pounds or less.....	M pounds		
2072275	In other containers and in bulk (barrels, drums, bags, etc.).....	M pounds		
2072281	Cocoa butter.....	M pounds		
	Chocolate sirups			
2072291	In cans or packages of 16 oz. or less.....	M pounds		
2072295	In other containers and in bulk.....	M pounds		

<sup>1</sup>Classify in Industry 2072, if plant manufactures chocolate primarily from cocoa beans.

	Unit of measure	Net sales and transfers	
		Quantity	Value (omit cents)
	(B)	(D)	(E)
INDUSTRY 2073 - CHEWING GUM-MC-20K			
20730--	CHEWING GUM AND CHEWING GUM BASE		
2073011	Chewing gum, not medicated.....	M pounds	
2073015	Chewing gum base.....	M pounds	

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	Unit of measure (B)	Total shipments (Sales)	
		Quantity (D)	Value (omit cents) (E)
INDUSTRY 2081 - BOTTLED SOFT DRINKS-MC-20M			
20810-- BOTTLED SOFT DRINKS AND CARBONATED WATERS			
Cases of 24 bottles			
6 and 7 oz. bottles			
Still			
2081010	Case		
2081011	Case		
Carbonated			
2081012	Case		
2081013	Case		
2081014	Case		
2081015	Case		
2081016	Case		
2081017	Case		
2081018	Case		
2081019	Case		
8,9, and 10 oz. bottles			
Still			
2081020	Case		
2081021	Case		
Carbonated			
2081022	Case		
2081023	Case		
2081024	Case		
2081025	Case		
2081026	Case		
2081027	Case		
2081028	Case		
2081029	Case		
12 and 16 oz. bottles			
Still			
2081030	Case		
2081031	Case		
Carbonated			
2081032	Case		
2081033	Case		
2081034	Case		
2081035	Case		
2081036	Case		
2081037	Case		
2081038	Case		
2081039	Case		
Cases of 12 bottles			
20-24 oz. bottles			
Still			
2081040	Case		
2081041	Case		
Carbonated			
2081042	Case		
2081043	Case		
2081044	Case		
2081045	Case		
2081046	Case		
2081047	Case		
2081048	Case		
2081049	Case		
28-32 oz. bottles			
Still			
2081050	Case		
2081051	Case		
Carbonated			
2081052	Case		
2081053	Case		
2081054	Case		
2081055	Case		
2081056	Case		
2081057	Case		
2081058	Case		
2081059	Case		
2081061	M gallons		
	M gallons		
2081071	Case of 24		
2081081	M gallons		

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	Unit of measure (B)	Total shipments		
		Quantity (D)	Value excluding excise taxes (omit cents) (E)	Excise taxes paid (omit cents) (H)
<b>INDUSTRY 2082 - MALT LIQUORS-MC-20N</b>				
20821--	BEER, ALE, AND OTHER MALT LIQUORS			
	Finished fermented malt liquors			
	Case goods, cans			
2082111	Barrel			
2082113	Barrel			
2082115	Barrel			
	Case goods, bottles			
	Beer			
	Returnable bottles			
2082121	Barrel			
2082125	Barrel			
	Nonreturnable bottles			
2082131	Barrel			
2082135	Barrel			
2082141	Barrel			
2082151	Barrel			
	Barrels and kegs			
2082161	Barrel			
2082163	Barrel			
2082165	Barrel			
20822--	BREWERS' GRAINS AND OTHER BREWERY PRODUCTS			
2082211	M pounds			
	Brewers' spent grains sold			
2082251	Short ton			
2082255	Short ton			
		Total shipments (include transfers to other plants of your company)		Transfers to other plants of your company
	Unit of measure (B)	Quantity (D)	Value f.o.b. plant (omit cents) (E)	Quantity (F)
				Value f.o.b. plant (omit cents) (G)
<b>INDUSTRY 2083 - MALT-MC-20P</b>				
20831--	MALT			
2083111	M pounds			
2083151	M pounds			
20832--	MALT BYPRODUCTS			
2083211	M pounds			

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	(B)	(C)	Total shipments (include transfers to other plants of your company)		Excise taxes paid (omit cents)	Purchases (include transfers from other plants of this company)		
			Quantity (D)	Value f.o.b. plant, excluding excise taxes (omit cents) (E)		Quantity (H)	Value excluding freight charges (omit cents) (I)	
INDUSTRY 2084 - WINES AND BRANDY-MC-20Q								
20840--	WINES AND BRANDY							
	Still table wines, 14% and under; include light sweet wines							
2084011	Light sweet grape wines.....	M wine gal.						
2084013	Other grape wines.....	M wine gal.						
2084015	Fruit and berry wines.....	M wine gal.						
	Still dessert wines, over 14%							
2084021	Grape wines, all types.....	M wine gal.						
2084025	Fruit and berry wines.....	M wine gal.						
2084031	Sparkling wines, natural and carbonated.....	M wine gal.						
2084041	Vermouth.....	M wine gal.						
2084061	Beverage brandy.....	M wine gal.						
2084071	Natural fruit spirits and neutral brandy.....	M wine gal.						
2084X11	Wine removed from fermenters.....	M wine gal.						
2084X31	Brandy and spirits removed from receiving tanks.....	M tax gal.						







MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)		Unit of measure (B)	Total shipments				
			Quantity (D)		Value (omit cents) (E)		
INDUSTRY 2091 - LEAVENING COMPOUNDS-MC-20S							
20911--	BAKING POWDER						
2091111	Consumer sizes (less than 5 lbs.).....	M pounds					
2091115	Commercial sizes (5 lbs. and over).....	M pounds					
20912--	YEAST						
	Compressed yeast						
2091211	Consumer sizes (2 oz. and under).....	M pounds					
2091215	Commercial sizes.....	M pounds					
2091231	Active dry yeast.....	M pounds dry basis					
2091251	Brewers' yeast and primary-grown yeast (torule type) for nutritional or feed purposes.....	M pounds dry basis					
2091271	Extracts and other yeast products.....	M pounds					
(A)		Unit of measure (B)	Production for all purposes (quantity) (C)	Total shipments and interplant transfers Quantity (D) Value (E)		Interplant transfers only Quantity (F) Value (G)	
INDUSTRY 2092 - SHORTENING AND COOKING OILS-MC-28N							
20920--	SHORTENING AND COOKING OILS						
	Shortenings						
2092011	Made of mixed animal and/or vegetable oils (standard).	M pounds					
2092015	Made solely of hydrogenated vegetable oils.....	M pounds					
2092021	Mono- and di-glycerides.....	M pounds					
2092031	Olive oil (produced in this plant).....	M pounds					
	Hydrogenated oils--edible						
2092041	Vegetable.....	M pounds					
2092043	Animal.....	M pounds					
2092051	Other salad or cooking oils (refined oils, bleached, deodorized, and/or winterized).....	M pounds					
2092071	Vegetable oil winter stearin.....	M pounds					
INDUSTRY 2093 - OLEOMARGARINE-MC-28N							
20930--	MARGARINE						
2093011	Sold in packages of 1 lb. and under.....	M pounds					
2093019	Other.....	M pounds					

## MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 2094 - CORN PRODUCTS-MC-20T</b>			
20941--	<b>CORN SIRUP, SUGAR AND STARCHES</b>		
2094111	Corn sirup, unmixed (in containers of over 10 pounds).....	M pounds	
2094115	Corn sirup, unmixed (in containers of 10 pounds or less).....	M pounds	
	Corn sugar		
2094121	Crude (70 <sup>o</sup> , 80 <sup>o</sup> , pressed).....	M pounds	
2094125	Refined (hydrous and anhydrous).....	M pounds	
	Corn starch		
2094131	In packages larger than 5 pounds.....	M pounds	
2094133	In packages of 5 pounds or less.....	M pounds	
2094181	Corn sirup solids.....	M pounds	
20942--	<b>OTHER STARCH</b>		
2094211	Potato, Irish.....	M pounds	
2094219	Other (Specify kind, such as wheat, rice, etc.)		
	.....	M pounds	
	.....	M pounds	
	Starch (processed from purchased stock)		
2094221	In packages larger than 5 pounds.....	M pounds	
2094225	In packages of 5 pounds or less.....	M pounds	
20943--	<b>DEXTRIN</b>		
2094311	Corn.....	M pounds	
2094315	Tapioca and other.....	M pounds	
20944--	<b>CORN OIL</b>		
2094411	Crude.....	M pounds	
2094415	Refined.....	M pounds	
20945--	<b>WET PROCESS CORN BYPRODUCTS</b>		
2094511	Steepwater concentrate (report on 50% solids basis).....	M pounds	
2094521	Hydrol (report on 26 <sup>o</sup> moisture basis).....	M pounds	
2094531	Corn gluten feed.....	M pounds	
2094541	Corn gluten meal.....	M pounds	
2094551	Corn oil cake and meal.....	M pounds	

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)		Unit of measure (B)	Production for all purposes including further manufacture (quantity) (C)	Total shipments and interplant transfers	
				Quantity (D)	Value f.o.b. plant (omit cents) (E)
<b>INDUSTRY 2095 - FLAVORINGS-MC-20U</b>					
20951--	FLAVORING EXTRACTS, EMULSIONS, AND OTHER LIQUID FLAVORS				
	Natural or true				
2095111	In containers of 8 oz. or less.....	M gallons			
2095115	In containers of more than 8 oz.....	M gallons			
	Imitation				
2095151	In containers of 8 oz. or less.....	M gallons			
2095155	In containers of more than 8 oz.....	M gallons			
20952--	BEVERAGE BASES				
2095211	Beverage bases (except sirups).....	M gallons			
20953--	FLAVORING SIRUPS				
2095311	For use by soft drink bottlers.....	M gallons			
20954--	OTHER FLAVORING SIRUPS AND CONCENTRATES EXCEPT CHOCOLATE				
2095411	Caramel sirups.....	M gallons			
2095421	Flavoring concentrates.....	M gallons			
2095431	Flavoring powders.....	M pounds			
2095441	Flavoring pastes.....	M pounds			
2095453	All other flavoring sirups.....	M gallons			
2095461	Fruit, crushed or whole for fountain and ice cream use.....	M gallons			
2095471	Food colorings.....	Dollars			
2095481	Concentrated fruit juice products (not frozen).....	M gallons			
<b>INDUSTRY 2096 - VINEGAR AND CIDER (COMBINED WITH INDUSTRY 2099)</b>					
		Unit of measure (B)	Total sales and transfers		
			Quantity (D)	Value (omit cents) (E)	
<b>INDUSTRY 2097 - MANUFACTURED ICE-MC-20Y</b>					
20970--	MANUFACTURED ICE				
2097011	Can or block ice.....	Short ton			
2097051	Cubed, crushed, or other processed ice.....	Short ton			
		Unit of measure (B)	Total shipments		
			Quantity (D)	Value f.o.b. plant (omit cents) (E)	
<b>INDUSTRY 2098 - MACARONI AND SPAGHETTI-MC-20V</b>					
20980--	MACARONI AND NOODLE PRODUCTS				
2098011	Macaroni, spaghetti, vermicelli, and other macaroni products of all shapes, sizes, and types.....	M pounds			
2098051	Noodle products of all shapes, sizes and types.....	M pounds			

MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2099 - FOOD PREPARATIONS, N.E.C. (INCLUDES FORMER INDUSTRY 2096)-MC-20W				
20991--	DESSERTS, (READY TO MIX) EXCEPT ICE CREAM MIX			
2099111	Corn starch base.....	M pounds		
2099151	Gelatin base.....	M pounds		
2099198	Other (Specify kind)			
	.....	M pounds		
	.....	M pounds		
20992--	POTATO CHIPS			
2099211	Potato chips.....	M pounds		
20993--	SWEETENING SIRUPS AND MOLASSES, MIXED OR BLENDED			
2099311	Containing corn sirup.....	M pounds		
2099351	Not containing corn sirup.....	M pounds		
20994--	EGGS, LIQUID, DRIED AND FROZEN			
	Eggs, dried			
2099411	Whites.....	M pounds		
2099413	Yolks.....	M pounds		
2099415	Whole.....	M pounds		
2099417	Mixed.....	M pounds		
	Eggs, frozen or liquid			
2099451	Whites.....	M pounds		
2099453	Yolks.....	M pounds		
2099455	Whole.....	M pounds		
2099457	Mixed.....	M pounds		
20995--	ROASTED COFFEE			
2099511	Whole bean.....	M pounds		
2099515	Ground.....	M pounds		
	Concentrated coffee			
	Liquid and frozen			
2099523	Pure coffee extract.....	M gallons		
2099525	Containing carbohydrates.....	M gallons		
	Powdered			
2099533	Pure coffee extract.....	M pounds		
2099535	Containing carbohydrates.....	M pounds		
20996--	VINEGAR AND CIDER			
2099611	Cider.....	M gallons		
2099651	Vinegar, fermented (report equivalent to 40 grain).....	M gallons		
2099655	Vinegar, distilled (report equivalent to 100 grain).....	M gallons		
2099657	Vinegar stock.....	M gallons		
20997--	OTHER FOOD PREPARATIONS, INCLUDING MINCEMEAT			
2099711	Coconut, desiccated or shredded.....	M pounds		
2099721	"Health foods".....	Dollars	////	
2099725	Blended honey.....	M pounds		
2099731	Ice cream cones and cups.....	Thousand		
	Ground spices and meat seasoning			
2099735	Pepper, white and black.....	M pounds		
2099737	Other ground spices and meat seasoning.....	Dollars	////	
2099741	Mincemeat.....	M pounds		
2099745	Peanut butter.....	M pounds		
2099751	Pectin (100 grade, dry basis).....	M pounds		
2099755	Maple sirup, pure.....	M gallons		
2099761	Corn chips.....	M pounds		
	Perishable prepared foods sold in bulk or packaged (not frozen)			
2099763	Salads.....	Dollars	////	
2099765	Sandwiches.....	Dozens		
2099767	Julienne style potatoes (include French fried).....	M pounds		
2099768	Popcorn and other cooked foods (Specify kind)			
	.....	Dollars	////	
	.....	Dollars	////	
	Frozen prepared foods			
2099771	Julienne style potatoes (include French fried).....	M pounds		
2099775	Other (Specify kind)			
	.....	M pounds		
	.....	M pounds		
2099798	Other food preparation, n.e.c.....	Dollars	////	



MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2099 - FOOD PREPARATIONS, N.E.C. (INCLUDES FORMER INDUSTRY 2096)-MC-20W--Continued				
20722--	OTHER CHOCOLATE AND COCOA PRODUCTS, N.E.C. (SEE ALSO INDUSTRY 2072) <sup>1</sup>			
	Chocolate (except coatings)			
	For baking, cooking, etc.			
2072211	Unsweetened.....	M pounds		
2072221	Sweetened.....	M pounds		
	Confectionery-type (solid bars, and other molded confections)			
2072231	Dark chocolate.....	M pounds		
	Milk chocolate			
2072241	Plain.....	M pounds		
2072245	With nuts, etc.....	M pounds		
	Cocoa, powdered			
	Unsweetened			
2072261	In cans or packages of 2-1/2 pounds or less.....	M pounds		
2072265	In other containers and in bulk (barrels, drums, bags, etc.).....	M pounds		
	Sweetened or mixed with other substances			
2072271	In cans or packages of 2-1/2 pounds or less.....	M pounds		
2072275	In other containers and in bulk (barrels, drums, bags, etc.).....	M pounds		
	Chocolate sirups			
2072291	In cans or packages of 16 oz. or less.....	M pounds		
2072295	In other containers and in bulk.....	M pounds		

<sup>1</sup>Classify in Industry 2099, if plant manufactures products from purchased chocolate and cocoa.

MAJOR GROUP 21 - TOBACCO MANUFACTURES

(A)	Unit of measure (B)	Total production		Excise taxes paid (omit cents) (H)
		Quantity (D)	Value f.o.b. plant excluding excise taxes (omit cents) (E)	
<b>INDUSTRY 2111 - CIGARETTES - MC-21A</b>				
21110-- CIGARETTES	Million			
2111011 Cigarettes.....				
<b>INDUSTRY 2121 - CIGARS - MC-21A</b>				
21210-- CIGARS	Thousand			
2121011 Cigars.....				
<b>INDUSTRY 2131 - CHEWING AND SMOKING TOBACCO - MC-21A</b>				
21310-- CHEWING AND SMOKING TOBACCO, AND SNUFF				
2131011 Tobacco, smoking and chewing	M pounds			
2131012 Smoking.....	M pounds			
2131013 Fine-cut chewing and smoking.....	M pounds			
2131015 Scrap chewing.....	M pounds			
2131017 Twist chewing.....	M pounds			
2131051 Plug chewing.....	M pounds			
2131055 Snuff, packed for sale to consumers.....	M pounds			
2131055 Snuff flour, not packed for sale to consumers.....	M pounds			
<b>INDUSTRY 2141 - TOBACCO STEMMING AND REDRYING - MC-21A</b>				
21411-- TOBACCO, REDRIED				
2141111 Leaf tobacco, packed for sale as such, unstemmed (packed weight), redried before packing.....	M pounds			
2141151 Leaf tobacco, for use in own manufacturing, unstemmed (packed weight), redried before packing.....	M pounds			
21412-- TOBACCO, STEMMED				
2141211 Stemmed (stemmed packed weight)	M pounds			
2141215 Aged leaf.....	M pounds			
2141221 Leaf, not aged.....	M pounds			
2141225 Stemmed for transfer to another establishment of this company (stemmed packed weight)	M pounds			
2141231 Aged leaf.....	M pounds			
2141231 Leaf, not aged.....	M pounds			
2141231 Stemmed for use in manufacturing in this establishment (stemmed weight),.....	M pounds			

MAJOR GROUP 22 - TEXTILE MILL PRODUCTS

(A)	(B)	(C)	(D)	(E)	Production in this establishment and commission from materials owned by others (quantity) (H)
<b>INDUSTRY 2211 - SCOURING AND COMBING PLANTS - MC-22A</b>					
22110--	SCOURED WOOL AND OTHER PRODUCTS OF SCOURING AND COMBING PLANTS				
	Tops:				
2211011	Wool of the sheep.....	M pounds			
2211012	Mohair.....	M pounds			
2211013	Rayon and/or acetate.....	M pounds			
2211015	Nylon.....	M pounds			
2211019	All other tops (Specify kind)				
	.....	M pounds			
	.....	M pounds			
	Noils:				
2211021	Wool of the sheep.....	M pounds			
2211022	Mohair.....	M pounds			
2211023	Rayon and/or acetate.....	M pounds			
2211025	Nylon.....	M pounds			
2211029	All other (Specify kind)				
	.....	M pounds			
	.....	M pounds			
2211031	Scoured wool for sale.....	M pounds			
	Recovered wool grease:				
2211051	2% or less free fatty acids.....	M pounds			
2211055	Over 2% free fatty acids.....	M pounds			
<b>INDUSTRY 2212 - YARN MILLS, WOOL, EXCEPT CARPET (PART OF SIC INDUSTRY 2221) - MC-22A</b>					
22120--	YARNS SPUN ON WOOLEN AND WORSTED SYSTEMS, EXCEPT CARPET				
	Yarn spun on woolen system:				
2212011	Weaving, other than carpet and rug.....	M pounds			
	Knitting				
2212013	Machine.....	M pounds			
2212015	Hand.....	M pounds			
2212019	All other (Specify kind)				
	.....	M pounds			
	.....	M pounds			
	Spun on Bradford system:				
2212031	Weaving, other than carpet and rug.....	M pounds			
	Knitting				
2212033	Machine.....	M pounds			
2212035	Hand.....	M pounds			
2212039	All other (Specify kind)				
	.....	M pounds			
	.....	M pounds			
	Spun on French system				
2212051	Weaving.....	M pounds			
	Knitting				
2212053	Machine.....	M pounds			
2212055	Hand.....	M pounds			
2212059	All other (Specify kind)				
	.....	M pounds			
	.....	M pounds			
	Spun on other worsted systems (Specify system)				
2212071	Weaving, other than carpet and rug.....	M pounds			
	Knitting				
2212075	Machine.....	M pounds			
2212077	Hand.....	M pounds			
2212079	All other (Specify kind)				
	.....	M pounds			
	.....	M pounds			

MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)	Production in this establishment on commission from materials owned by others (quantity) (H)
INDUSTRY 2213 - WOOLEN AND WORSTED FABRICS (WHOLLY OR CHIEFLY BY WEIGHT OF WOOL, REPROCESSED WOOL OR REUSED WOOL) (EQUIVALENT TO SIC INDUSTRY 2232) - MC-22A					
22131-- WOOLEN AND WORSTED APPAREL FABRICS (WHOLLY OR CHIEFLY BY WEIGHT OF WOOL, REPROCESSED WOOL OR REUSED WOOL. PRODUCTION OF BLANKETING IN THOUSANDS OF LINEAR YARDS, 72 INCH WIDTH. OTHER WOOLEN AND WORSTED FABRICS IN THOUSANDS OF LINEAR YARDS OF 54 TO 60 INCH WIDTH. CONVERT OTHER WIDTHS TO 54 INCH EQUIVALENTS)					
For Government orders					
2213111 Pile fabrics (3011).....	M lin. yds.				
All other					
2213121 Less than 13 oz. (3112).....	M lin. yds.				
2213125 13 oz. up to 16 oz. (3113).....	M lin. yds.				
2213129 16 oz. and over (3114).....	M lin. yds.				
For other than Government orders					
For use in--					
Men's and boys' clothing					
2213130 Less than 9 oz. ....	M lin. yds.				
2213131 Woolen (4601).....	M lin. yds.				
2213132 Worsteds (3602).....	M lin. yds.				
2213133 9 oz. up to 13 oz. ....	M lin. yds.				
2213134 Woolen (4602).....	M lin. yds.				
2213135 13 oz. up to 16 oz. ....	M lin. yds.				
2213136 Worsteds (3603).....	M lin. yds.				
2213137 Woolen (4603).....	M lin. yds.				
2213138 16 oz. up to 20 oz. ....	M lin. yds.				
2213139 Worsteds (3604).....	M lin. yds.				
2213138 20 oz. up to 26 oz. (3615).....	M lin. yds.				
2213139 26 oz. and over (3616).....	M lin. yds.				
Women's and children's clothing					
2213151 Less than 9 oz. ....	M lin. yds.				
2213152 Woolen (4701).....	M lin. yds.				
2213153 Worsteds (3702).....	M lin. yds.				
2213154 9 oz. up to 13 oz. ....	M lin. yds.				
2213155 Woolen (4702).....	M lin. yds.				
2213156 13 oz. up to 16 oz. ....	M lin. yds.				
2213157 Woolen (4703).....	M lin. yds.				
2213158 16 oz. up to 20 oz. ....	M lin. yds.				
2213159 Worsteds (3704).....	M lin. yds.				
2213159 Woolen (4704).....	M lin. yds.				
22132-- WOOLEN AND WORSTED NONAPPAREL FABRICS					
Nonapparel fabrics (except felts)					
Blanketing (including fabric to be cut into blankets					
by own establishment)					
2213211 For Government orders (5101).....	M lin. yds.				
2213231 For crib blankets (5602).....	M lin. yds.				
All other					
2213251 100% wool (5626).....	M lin. yds.				
Wool, reprocessed wool, or reused wool					
2213261 100% (except 100% wool above) (5627).....	M lin. yds.				
2213265 50-99.9% (5632).....	M lin. yds.				
Other nonapparel fabrics (except felt)					
2213281 Transportation upholstery (6301).....	M lin. yds.				
2213285 All others (Specify kind) (6811)					
.....	M lin. yds.				
.....	M lin. yds.				
22133-- WOVEN WOOL FELTS					
2213311 Papermarkers' (8101).....	M pounds				
2213398 All other (Specify kind) (8801)					
.....	M pounds				
.....	M pounds				
INDUSTRY 2216 - DYEING AND FINISHING WOOLEN AND WORSTED GOODS (EQUIVALENT TO SIC INDUSTRY 2262) - MC-22A (This is a service industry and no manufactured product codes apply. See appendix Codes 9322161and 9322162)					



MAJOR GROUP 22 - TEXTILE MILL PRODUCTS—Continued

(A)	Total M lbs.. (C)	10's and below M lbs. (D)	Over 10's to 20's M lbs. (E)	Over 20's to 40's M lbs. (F)	Over 40's to 60's M lbs. (G)	Over 60's to 100's M lbs. (H)	Over 100's M lbs. (I)
INDUSTRY 2221 - YARN MILLS (SEE ALSO CENSUS INDUSTRIES 2212, 2224, and 2225) - MC-22A							
2221X-- YARNS SPUN ON COTTON AND SILK SYSTEM ACCORDING TO YARN COUNT							
Yarns produced in this plant for own use, or for the use of other plants under the same or affiliated ownership							
2221X11 Carded cotton.....							
2221X13 Combed cotton.....							
2221X15 Spun rayon and/or acetate.....							
2221X19 All other yarns.....							
Yarns produced for sale							
2221X31 Carded cotton.....							
2221X33 Combed cotton.....							
2221X35 Spun rayon and/or acetate.....							
2221X39 All other yarns.....							
2221X51 TOTAL.....							

MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)	Production in this establishment on commission from material owned by others (quantity) (H)
INDUSTRY 2222 - THROWN YARNS - MC-22A						
22220--	THROWN YARNS					
	Thrown filament yarns					
	Weaving yarns					
2222011	Rayon and/or acetate.....	M pounds				
2222015	Nylon.....	M pounds				
2222019	Other weaving yarns (Specify kind)					
	.....	M pounds				
	.....	M pounds				
	Machine-knitting yarns					
2222051	Rayon and/or acetate.....	M pounds				
2222055	Nylon filament.....	M pounds				
2222059	Other knitting yarns (Specify kind)					
	.....	M pounds				
	.....	M pounds				
2222098	Other thrown yarns (Specify kind)					
	.....	M pounds				
	.....	M pounds				
INDUSTRY 2223 - THREAD MILLS - MC-22A						
22231--	THREAD FOR USE IN THE HOME					
2223111	Cotton sewing thread.....	M pounds				
2223151	Cotton crochet, darning, embroidery, and hand knitting threads, and handwork cottons.....	M pounds				
2223159	Other thread for home consumption (including nylon, rayon, orlon, etc.) (Specify kind)					
	.....	M pounds				
	.....	M pounds				
22232--	THREAD FOR INDUSTRIAL OR MANUFACTURERS USE					
	Sewing and other threads except industrial weight goods and braided threads					
2223211	Cotton.....	M pounds				
2223215	Synthetic.....	M pounds				
2223219	All others, except linen and hemp threads.....	M pounds				
	Industrial weight goods and all braided threads					
2223251	Cotton.....	M pounds				
2223259	All others, except linen and hemp.....	M pounds				

MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)	Production in this establishment on commission from material owned by others (quantity) (H)
<b>INDUSTRY 2224 - YARN MILLS, COTTON SYSTEM (SEE ALSO INDUSTRY 2221) (PART OF SIC INDUSTRY 2221) - MC-22A</b>					
22241--	<b>COTTON TIRE CORD AND TIRE FABRIC</b>				
2224111	Cotton tire cords and tire cord fabric (1122).....	M pounds			
2224151	Cotton chafer fabrics and all other cotton tire fabrics (1123)....	M pounds			
22242--	<b>YARNS SPUN ON COTTON SYSTEM</b>				
	<b>Carded cotton yarns</b>				
2224211	Weaving yarns (other than carpet).....	M pounds			
2224212	Carpet yarns (except tufting).....	M pounds			
2224213	Tufting yarns.....	M pounds			
2224214	Machine-knitting yarns.....	M pounds			
2224215	Tire cord yarns.....	M pounds			
2224216	Cordage, rope, and twine yarns.....	M pounds			
2224217	Sewing-thread yarns.....	M pounds			
2224218	Yarns for crochet, darning, embroidery, hand knitting and handwork cotton.....	M pounds			
2224219	All other carded cotton yarns (Specify kind) .....	M pounds			
	.....	M pounds			
	<b>Combed cotton yarns</b>				
2224231	Weaving yarns.....	M pounds			
2224233	Machine-knitting yarns.....	M pounds			
2224235	Sewing-thread yarns.....	M pounds			
2224237	Yarns for crochet, darning, embroidery, hand knitting, and handwork cotton.....	M pounds			
2224239	All other combed yarns (Specify kind) .....	M pounds			
	.....	M pounds			
	<b>All other yarns spun on cotton system</b>				
2224251	100% spun rayon and/or acetate yarns.....	M pounds			
2224253	Chiefly cotton.....	M pounds			
2224255	Chiefly rayon and/or acetate.....	M pounds			
2224257	Chiefly wool.....	M pounds			
2224259	All other (Specify kind) .....	M pounds			
	.....	M pounds			
22243--	<b>SYNTHETIC FIBER TIRE CORD AND TIRE FABRICS</b>				
2224311	Rayon tire cord, not woven (1124).....	M pounds			
2224331	Rayon tire cord fabric, woven (1125).....	M pounds			
2224351	Nylon tire cord and tire cord fabric (1126).....	M pounds			
2224398	Other synthetic tire fabrics, including chafer (1127).....	M pounds			
<b>INDUSTRY 2225 - YARNS SPUN ON SILK SYSTEM (SEE ALSO INDUSTRY 2221) (PART OF SIC INDUSTRY 2221) - MC-22A</b>					
22250--	<b>YARNS SPUN ON SILK SYSTEM</b>				
2225011	Spun silk.....	M pounds			
2225051	Spun rayon and/or acetate.....	M pounds			
2225071	Spun nylon.....	M pounds			
2225098	All other (Specify kind) .....	M pounds			
	.....	M pounds			
<b>INDUSTRY 2231 - COTTON AND RAYON BROAD-WOVEN FABRICS (SEE CENSUS INDUSTRIES 2233 and 2234)</b>					
<b>INDUSTRY 2232 - WOOLEN AND WORSTED BROAD-WOVEN FABRICS (SEE CENSUS INDUSTRY 2213)</b>					

## NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	Unit of measure	(C)	(D)	(E)	Production in this establishment on commission from materials owned by others (quantity) (H)	Equivalent weight of grey fabrics reported in column (C) (M lbs.) (I)
INDUSTRY 2233 - COTTON BROAD-WOVEN FABRICS (IN THE GREY) (PART OF S.I.C. INDUSTRY 2231) - MC-22A						
22331-- COTTON DUCK AND ALLIED FABRICS (INCLUDING COMBED)						
	Ounce duck					
	Army duck (including shoe duck, wide army duck and plied warp and filling awning stripes)					
2233111	28-1/2" 8 oz. basic weight - all widths (1001).....	M lin. yds.				
2233113	28-1/2" 10 and 12 oz. basic weight - all widths (1006).....	M lin. yds.				
2233119	All other Army duck constructions including shelter tent (1011).....	M lin. yds.				
	Flat duck (including enameling duck and single yarn awning stripes)					
	Single filling					
2233121	29" 8 oz. basic weight - all widths (1016).....	M lin. yds.				
2233122	29" 10 and 12 oz. basic weight - all widths (1021)	M lin. yds.				
2233124	All other single filling flat duck constructions (1032).....	M lin. yds.				
	Double filling					
2233127	38" 8 oz. basic weight - all widths (1046).....	M lin. yds.				
2233128	All other double filling flat duck construction (1052).....	M lin. yds.				
	Numbered duck (including narrow, sail, wide, and naught)					
2233144	#5 to #8 inclusive wider than 24" (1071).....	M lin. yds.				
2233145	#9 to #12 inclusive wider than 24" (1076).....	M lin. yds.				
2233147	Other numbered duck (1082).....	M lin. yds.				
2233149	Paper felts (1081).....	M lin. yds.				
2233151	Hose and belting ducks (1086).....	M lin. yds.				
2233161	Filter cloth (including filter twills and special construction for filtration purposes) (1091).....	M lin. yds.				
2233171	Laundry netting (1096).....	M pounds				
22332-- COTTON SHEETING AND ALLIED COARSE AND MEDIUM YARN FABRICS						
	Osnaburgs (single yarn - clean, tinged and part waste - all widths)					
2233211	40" - 40x28 - 2.05 and 38 or 40x24 to 26 - 2.11 yard (1200).....	M lin. yds.				
2233212	40" - 32x28 - 3.55 and 26 or 32x24 to 26 - 3.65 yard (1202).....	M lin. yds.				
	All other osnaburg constructions					
2233216	Under 42" wide (1209).....	M lin. yds.				
2233217	42" and wider (1208).....	M lin. yds.				



MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

	Unit of measure	(C)	(D)	(E)	Production in this establishment on commission from materials owned by others (quantity) (H)	Equivalent weight of grey fabrics reported in column (C) (M lbs.) (I)
(A)	(B)	(C)	(D)	(E)	(H)	(I)
INDUSTRY 2233 - COTTON BROAD-WOVEN FABRICS (IN THE GREY) (PART OF S.I.C. INDUSTRY 2231) - MC-22A--Continued						
22332-- COTTON SHEETING AND ALLIED COARSE AND MEDIUM YARN FABRICS--Continued						
Sheetings						
Soft filled sheeting for napping						
2233221	Under 42" wide (1214).....	M lin. yds.				
2233223	42" and wider - single yarn (1216).....	M lin. yds.				
2233225	42" and wider - plied yarn (1218).....	M lin. yds.				
Class A (average yarn numbers up to 15's inclusive)						
2233231	40" - 48x48 and 48x44 - 2.85 yard (1220).....	M lin. yds.				
2233232	36" - 48x48 and 48x44 - 2.85 yard (1222).....	M lin. yds.				
All other class "A" construction						
2233235	Under 42" wide (1227).....	M lin. yds.				
2233237	42" and wider (1226).....	M lin. yds.				
Class B (average yarn numbers, 16's to 21's inclusive)						
2233241	40" - 48x44 and 48x40 - 3.25 yard (1228).....	M lin. yds.				
2233242	40" - 48x44 and 48x40 - 3.75 yard (1230).....	M lin. yds.				
2233243	40" - 44x40 - 4.25 yard (1240).....	M lin. yds.				
2233244	37" - 48x48 and 48x44 - 4.00 yard (1242).....	M lin. yds.				
2233245	31" - 48x48 and 48x44 - 5.00 yard (1244).....	M lin. yds.				
All other class "B" constructions						
2233247	Under 42" wide (1246).....	M lin. yds.				
2233248	42" and wider (1247).....	M lin. yds.				
Class C (average yarn numbers above 21's)						
2233251	40" - 64x68 and 64x64 - 3.15 yard (1248).....	M lin. yds.				
2233252	40" - 60x56/60x52 and 56x60/56x56 - 3.60 yard (1250)	M lin. yds.				
2233253	40" - 56x48 - 4.30 yard (1252).....	M lin. yds.				
2233255	36" - 60x56/60x52 and 56x60/56x56 - 4.00 yard (1256)	M lin. yds.				
2233256	36" - 48x44/48x40 and 44x44/44x40 - 5.50 yard (1258)	M lin. yds.				
2233257	36" - 44x40 and 40x40 - 6.05 to 6.15 yard (1260)....	M lin. yds.				
All other class "C" constructions						
2233258	Under 42" wide (1259).....	M lin. yds.				
2233259	42" and wider (1263).....	M lin. yds.				
2233261	Carded poplins (1264).....	M lin. yds.				
2233262	Three leaf herringbone twills (except jeans) (1268)....	M lin. yds.				
Drills						
2233263	30" - high or low count, above 120 - 2.50 yard (1269).	M lin. yds.				
All other drills under 42" wide						
2233265	High count, above 120 (1272).....	M lin. yds.				
2233267	Low count, 120 and below (1273).....	M lin. yds.				
2233268	All drills 42" and wider (1274).....	M lin. yds.				
2233271	Jeans (plain and herringbone) (1275).....	M lin. yds.				
2233272	Three leaf pocketing twills and silesias (sheeting yarns) (1276).....	M lin. yds.				
Four leaf twill fabrics						
2233273	8.2 ounce carded uniform twill, type IV (1278).....	M lin. yds.				
All other four leaf twill (including four leaf herringbones)						
2233274	32" and narrower (1280).....	M lin. yds.				
2233275	Over 32" but less than 42" (1281).....	M lin. yds.				
2233276	42" and wider (1282).....	M lin. yds.				
Sateens (sheeting yarns)						
2233277	Under 42" wide (1283).....	M lin. yds.				
2233278	42" and wider (1284).....	M lin. yds.				
2233281	Gabardines (carded) (1286).....	M lin. yds.				
2233282	Birdseye diaper cloth (1288).....	M lin. yds.				
Bed sheetings (42" and wider)						
Muslin and carded percales						
2233284	Sley of more than 64, including carded percales (1291).....	M lin. yds.				
2233285	64 sley (1294).....	M lin. yds.				
2233286	Sley of less than 64 (1296).....	M lin. yds.				
2233287	Pillow and industrial tubing (1298).....	M lin. yds.				
2233298	All other sheeting yarn fabrics (1297).....	M lin. yds.				

## MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)	Production in this establishment on commission from materials owned by others (quantity) (H)	Equivalent weight of grey fabrics reported in column (C) (M lbs.) (I)
<b>INDUSTRY 2233 - COTTON BROAD-WOVEN FABRICS (IN THE GREY) (Part of SIC INDUSTRY 2231)--Continued - MC-22A</b>						
<b>22333-- COTTON PRINT CLOTH YARN FABRICS</b>						
Print cloth yarn fabrics (carded yarns approximately 28's to 42's)						
2233311	Window shade cloth (1302).....	M lin. yds.				
	Plain print cloths (total threads per square inch 180 to 100)					
2233321	39" - 80x80 - 4.00 yard (1306).....	M lin. yds.				
2233322	39" - 68x72 - 4.75 yard (1310).....	M lin. yds.				
2233324	38-1/2" - 64x60 - 5.35 yard (1318).....	M lin. yds.				
2233325	38-1/2" - 64x56 - 5.50 yard (1322).....	M lin. yds.				
2233326	38-1/2" - 60x48 - 6.25 yard (1326).....	M lin. yds.				
	All other constructions					
2233327	Under 36" (1330).....	M lin. yds.				
2233328	36" and wider (1335).....	M lin. yds.				
	Fancy print cloths					
2233333	Gauze diaper cloth (1342).....	M lin. yds.				
2233335	All other fancy print cloth, including pajama checks (1347).....	M lin. yds.				
	Bandage cloth (total threads per square inch 99 to 72)					
2233341	All constructions (1350).....	M lin. yds.				
	Tobacco and cheesecloth (total threads per square inch 71 and under)					
2233351	All widths 20x12 construction (1354).....	M lin. yds.				
2233353	All widths 17/18 sley x 12/14 pick (1358).....	M lin. yds.				
2233355	All other constructions (1362).....	M lin. yds.				
	Carded broadcloths - all widths					
2233361	100x60 (1366).....	M lin. yds.				
2233363	80x60 (1370).....	M lin. yds.				
2233365	All other constructions (including slub yarns) (1374).....	M lin. yds.				
2233371	Carded poplins (print cloth warp yarn, including slub yarns) (1378).....	M lin. yds.				
2233381	Three leaf twills (print cloth yarns (1382).....	M lin. yds.				
2233398	All other print cloth yarn constructions (1386).....	M lin. yds.				
<b>22334-- COLORED YARN FABRICS</b>						
	Denims, clothing (basis 28" width)					
2233411	1.60 yard and 2.00 yard (1401).....	M lin. yds.				
2233413	2.20 yard (1406).....	M lin. yds.				
2233415	2.45 yard and 3.00 yard (1411).....	M lin. yds.				
2233417	All other clothing denims (1416).....	M lin. yds.				
2233421	Cottonades, suiting coverts, pin stripes, pin checks, hickory stripes, etc. (1422).....	M lin. yds.				
2233431	Whipcords, bedford cords, shirting coverts (twill and plain weave) (1432).....	M lin. yds.				
	Chambrays and colored yarn shirtings (carded yarns)					
2233441	36" - 3.90 yard (1441).....	M lin. yds.				
2233445	All other carded yarn chambrays and shirtings (1446).....	M lin. yds.				
2233451	Ginghams and seersuckers (all weights, except combed and fine carded), stripes, checks, and plaids (1452).....	M lin. yds.				
	All other carded suiting woven with colored yarns					
2233461	All cotton (1461).....	M lin. yds.				
2233463	Cotton and rayon and/or acetate and cotton and wool mixtures (51% or more cotton) (1467).....	M lin. yds.				
	Bed tickings, woven					
	All constructions					
2233471	Jacquard woven (1471).....	M lin. yds.				
2233475	Not jacquard woven (1476).....	M lin. yds.				

MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)	Production in this establishment on commission from materials owned by others (quantity) (H)	Equivalent weight of grey fabrics reported in column (C) (M lbs.) (I)
INDUSTRY 2233 - COTTON BROAD-WOVEN FABRICS (IN THE GREY) (PART OF SIC INDUSTRY 2231) - MC-22A--Continued						
22335--	COTTON TOWELS, TOWELING, AND DISHCLOTH FABRIC					
2233511	Turkish and terry-woven, (including washcloths and bathmat fabrics) (1510).....	M lin. yds.				
2233521	Huck, damask and jacquard-woven, (other than terry) (1530).....	M lin. yds.				
2233531	Dishtowels, dishcloths, and other twill and plain woven towels (including all-cotton, part linen, and part rayon) (1551).....	M lin. yds.				
22336--	NAPPED COTTON FABRICS, BLANKETS, AND BLANKETING					
Blankets and blanketing						
2233611	Crib (report single width yards).....	M lin. yds.				
Other than crib						
2233621	All cotton (1608).....	M lin. yds.				
Chiefly cotton						
2233623	25% up to 50% wool (1613).....	M lin. yds.				
2233625	Less than 25% wool (1614).....	M lin. yds.				
Napped fabrics						
2233641	Outing flannels (1652).....	M lin. yds.				
2233645	Work shirt flannels (1660).....	M lin. yds.				
2233651	Canton flannels (1666).....	M lin. yds.				
2233655	Interlining flannel (1672).....	M lin. yds.				
2233665	All other napped fabrics (except blankets) (1689)...	M lin. yds.				
22337--	FINE COTTON GOODS					
Fine cotton goods (combed, part combed, and fine carded)						
Broadcloths (combed and part combed)						
2233711	37" 136 x 60 (1803).....	M lin. yds.				
2233715	All other combed and part combed broadcloth (1807)	M lin. yds.				
2233725	Dimities and fancy handkerchief fabrics, doobby and box (1811).....	M lin. yds.				
Lawns and organdies						
2233734	40" 88x 80 6.90 yard (1820).....	M lin. yds.				
2233737	All other combed, part combed, and fine carded lawns (1825).....	M lin. yds.				
Marquissettes (all combed and part combed and fine carded)						
2233741	Plain (1828).....	M lin. yds.				
2233743	Dobby (beat up) and box loom (1831).....	M lin. yds.				
2233751	Oxfords -combed and fine carded (carded average yarn finer than 35's) (1836).....	M lin. yds.				
2233752	Piques (combed and fine carded) (1838).....	M lin. yds.				
2233754	Poplins (combed) (1842).....	M lin. yds.				
2233755	Sateens (combed and part combed) (1844).....	M lin. yds.				
2233756	Sateens, carded (average yarn finer than 35's) (1846)	M lin. yds.				
2233757	Sheetings, combed (including bedsheets) (1848)....	M lin. yds.				
2233758	Shirtings, jacquard, grey-dobby and colored yarn (combed, part combed, and fine carded not included above) (1860).....	M lin. yds.				
2233761	Combed twills (1863).....	M lin. yds.				
2233763	Typewriter ribbon cloth (1870).....	M lin. yds.				
2233773	Voiles (1872).....	M lin. yds.				
2233777	Seersuckers (1876).....	M lin. yds.				
Cotton mixtures, chiefly cotton						
2233781	Carded cotton and rayon and/or acetate fabrics, except suiting (1910).....	M lin. yds.				
2233785	Combed cotton and rayon and/or acetate fabrics, except suiting (1920).....	M lin. yds.				
2233798	All other combed, part combed, and fine carded fabrics (average carded yarns finer than 35's) (Specify kind) (1879)	M lin. yds.				
	.....	M lin. yds.				
	.....	M lin. yds.				



## MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)	Production in this establishment on commission from materials owned by others (quantity) (H)	Equivalent weight of grey fabrics reported in column (C) (M lbs.) (I)
INDUSTRY 2233 - COTTON BROAD-WOVEN FABRICS (IN THE GREY) (PART OF SIC INDUSTRY 2231) - MC-22A--Continued						
22338--	OTHER WOVEN COTTON FABRICS AND SPECIALTIES					
	Bedspread fabrics - woven style - all cotton or cotton warp					
2233811	Bedspreads, jacquard woven (1702)..... M lin. yds.					
2233815	Bedspreads, not jacquard woven (1706)..... M lin. yds.					
	Drapery, upholstery and tapestry fabrics (all cotton and chiefly cotton)					
2233821	Jacquard woven (including combed) (1711)..... M lin. yds.					
	Other than jacquard including combed					
2233823	Colored yarn fabrics (1715)..... M lin. yds.					
2233825	Without colored yarn (1729)..... M lin. yds.					
	Corduroys					
2233831	Women's wear weights (1741)..... M lin. yds.					
2233835	Men's wear weights 36" 12 to 13 ounce (1748)..... M lin. yds.					
2233837	All other men's wear corduroys (1752)..... M lin. yds.					
	Velvets, velveteens, plushes and other pile fabrics (including combed)..... M lin. yds.					
2233841	All cotton (1756)..... M lin. yds.					
2233842	Part cotton (1761)..... M lin. yds.					
2233844	Table damask, cloths, covers and napkins (1764)..... M lin. yds.					
2233845	Industrial wiping fabrics and cloths (1768)..... M lin. yds.					
2233847	Elastic fabrics (1770)..... M lin. yds.					
2233861	Cotton and wool mixtures, containing 25% up to 50% wool, reprocessed wool or reused wool not included above (Specify kind) (1939)					
	..... M lin. yds.					
	..... M lin. yds.					
2233898	All other carded cotton fabrics over 12" wide (Specify kind) (1773)					
	..... M lin. yds.					
	..... M lin. yds.					



MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)	Production in this establishments on commission from materials owned by others (quantity) (H)	Equivalent weight of grey fabrics reported in column (C) (M lbs.) (I)
<b>INDUSTRY 2234 - RAYON AND RELATED BROAD-WOVEN FABRICS (PART OF S.I.C. INDUSTRY 2231) - MC-22A</b>						
22341--	<b>RAYON AND/OR ACETATE PILE, DRAPERY, UPHOLSTERY, TAPESTRY AND TIE FABRICS</b>					
	Pile, upholstery, and tie fabrics (51% or more rayon and/or acetate)					
2234111	Velvets, plushes, and other pile fabrics (2112).....	M lin. yds.				
2234131	Upholstery, drapery, and tapestry fabrics (2123).....	M lin. yds.				
2234151	Tie fabrics (shaft and jacquard) (2133).....	M lin. yds.				
22342--	<b>100% FILAMENT RAYON AND/OR ACETATE FABRICS</b>					
	Flat fabrics (producers' twist in warp and filling)					
2234211	Bright viscose taffetas (including semi-dull) (2201)..	M lin. yds.				
2234212	Pigment viscose taffetas (2211).....	M lin. yds.				
2234213	Acetate taffetas (2221).....	M lin. yds.				
2234214	Cross-dyed taffetas (2231).....	M lin. yds.				
2234216	Viscose twills and serges (2262).....	M lin. yds.				
2234217	Acetate twills and serges (2263).....	M lin. yds.				
2234218	Viscose satins (2271).....	M lin. yds.				
2234219	Acetate satins (2281).....	M lin. yds.				
2234231	All other flat fabrics (Specify kind) (2292)	M lin. yds.				
	.....	M lin. yds.				
	.....	M lin. yds.				
	Twisted yarn fabrics (more than producers' twist in warp and/or filling)					
2234251	Crepe satins (including voile filled) (2302).....	M lin. yds.				
2234252	Flat, faille, and canton crepe (2312).....	M lin. yds.				
2234253	French crepes (voile twist filling) (2322).....	M lin. yds.				
	Plied yarn fabrics					
2234254	Plain weaves (2332).....	M lin. yds.				
2234255	Fancy weaves (2342).....	M lin. yds.				
2234256	Marquissettes (leno weaves) (2352).....	M lin. yds.				
2234257	Ninons and voiles (voile twist warp and filling) (2362).....	M lin. yds.				
2234258	Other sheers (georgettes triple sheers, etc.) (2372).	M lin. yds.				
2234259	All other twisted yarn fabrics (Specify kind) (2382)..	M lin. yds.				
	.....	M lin. yds.				
	.....	M lin. yds.				
22343--	<b>100% SPUN RAYON/AND/OR ACETATE FABRICS</b>					
2234311	Viscose twills (including serges, gabardines, etc.) (2404).....	M lin. yds.				
2234312	Acetate twills (including serges, gabardines, etc.) (2405).....	M lin. yds.				
2234321	Ribbed and corded fabrics (poplins, bedford cord, etc.) (2413).....	M lin. yds.				
2234331	Challis (2423).....	M lin. yds.				
2234341	Linen type and flakes (2433).....	M lin. yds.				
2234351	Plied yarn fabrics (suitings, shirtings, etc.).....	M lin. yds.				
2234398	Other 100% spun rayon and/or acetate fabrics (Specify kind) (2453)	M lin. yds.				
	.....	M lin. yds.				
	.....	M lin. yds.				

## MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)	Production in this establishments on commission from materials owned by others (quantity) (H)	Equivalent weight of grey fabrics reported in column (C) (M lbs.) (I)
<b>INDUSTRY 2234 - RAYON AND RELATED BROAD-WOVEN FABRICS (PART OF S.I.C. INDUSTRY 2231) - MC-22A--Continued</b>						
22344--	COMBINATION FILAMENT-AND-SPUN FIBER FABRICS (100% RAYON AND/OR ACETATE)					
	Combination filament-and-spun rayon and/or acetate fabrics					
2234411	Ribbed and corded fabrics (poplins, failles, bengalines, etc.) (2504)..... M lin. yds.					
2234431	Shantung (nub and slub) (2514)..... M lin. yds.					
2234498	Other filament-and-spun rayon and/or acetate fabrics (Specify kind) (2535)					
	..... M lin. yds.					
	..... M lin. yds.					
22345--	MIXTURES AND BLENDS OF RAYON AND/OR ACETATE WITH OTHER FIBERS					
	All other rayon and/or acetate mixtures with other fibers (except pile, upholstery and tie fabrics)					
	Rayon and/or acetate and wool					
2234511	Less than 25% wool (2605)..... M lin. yds.					
2234531	25% up to 50% wool (2616)..... M lin. yds.					
2234551	Filament rayon and/or acetate and cotton (2635)..... M lin. yds.					
2234555	Rayon and/or acetate elastic (2646)..... M lin. yds.					
2234561	Spun rayon and/or acetate and cotton (2645)..... M lin. yds.					
2234571	Rayon and other fibers (Specify kind) (2656)					
	..... M lin. yds.					
	..... M lin. yds.					
2234575	Acetate and other fibers (Specify kind) (2657)					
	..... M lin. yds.					
	..... M lin. yds.					
22346--	NYLON AND CHIEFLY NYLON FABRICS					
	100% filament nylon					
2234611	Bright and semi-dull taffetas (2701)..... M lin. yds.					
2234613	Twill (2702)..... M lin. yds.					
2234615	Marquissettes and other sheers (2703)..... M lin. yds.					
2234619	Other 100% filament nylon fabrics (2704)..... M lin. yds.					
2234631	Other 100% nylon fabrics (2705)..... M lin. yds.					
2234651	Nylon mixtures (chiefly nylon) (2707)..... M lin. yds.					
22347--	SILK AND SYNTHETIC FABRICS, EXCEPT RAYON, ACETATE AND NYLON					
	Silk fabrics					
2234711	100% silk (2716)..... M lin. yds.					
2234715	Silk mixtures, chiefly silk (2736)..... M lin. yds.					
2234721	100% glass fabrics (2737)..... M lin. yds.					
2234731	Saran monofilament fabrics (Specify kind) (2738)					
	..... M lin. yds.					
	..... M lin. yds.					
2234741	Acrylic fabrics (chiefly acrylic fibers) (2739)..... M lin. yds.					
2234751	Paper fabrics (2747)..... M lin. yds.					
2234798	All other woven fabrics (Specify kind) (2748)					
	..... M lin. yds.					
	..... M lin. yds.					

MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)
INDUSTRY 2241 - NARROW FABRIC MILLS - MC-22L				
22411-- ELASTIC WOVEN NARROW FABRICS				
2241111	1-1/2 inches in width and under.....	M lin. yds.		
2241131	Over 1-1/2 inches up to 6 inches in width.....	M lin. yds.		
2241151	Over 6 inches in width.....	M lin. yds.		
22412-- ELASTIC BRAIDED NARROW FABRICS				
2241211	Braided.....	M lin. yds.		
22413-- WOVEN NARROW FABRICS, EXCEPT ELASTIC				
2241311	Belting for wear on the person.....	M lin. yds.		
2241315	Strapping webs, excluding apparel webbing.....	M lin. yds.		
2241321	Belting, transmission, and conveyor.....	M pounds		
Tapes				
2241331	Tie tapes.....	M lin. yds.		
2241333	Zipper tapes.....	M lin. yds.		
2241335	Venetian blind tapes.....	M lin. yds.		
2241337	Electric insulating tapes.....	M lin. yds.		
2241339	Other tapes (Specify kind)			
.....		M lin. yds.		
.....		M lin. yds.		
2241341	Auto wind lace.....	M lin. yds.		
2241351	Spindle banding.....	M lin. yds.		
2241361	Woven labels.....	M labels		
2241371	Bindings.....	M lin. yds.		
2241381	Ribbons.....	M lin. yds.		
2241398	Other woven narrow fabrics (Specify kind and unit of measure)			
.....				
.....				
22414-- BRAIDED NARROW FABRICS, EXCEPT ELASTIC				
2241411	Belting for wear on the person.....	M lin. yds.		
2241421	Tie tapes.....	M lin. yds.		
2241431	Electric insulating braid.....	M lin. yds.		
2241441	Spindle banding.....	M lin. yds.		
2241451	Shoe and corset laces.....	M pounds		
2241461	Rick rack braid.....	M lin. yds.		
2241498	All other braided narrow fabrics (Specify kind and unit of measure)			
.....				
.....				
22415-- COVERED RUBBER THREAD				
2241511	Covered rubber thread.....	M pounds		

## NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	Unit of measure (B)	Shipments and interplant transfers of hosiery made from yarns or greige goods owned by your company--				Production of hosiery knit in this plant on commission from yarns owned by others (quantity) (H)
		Total		Knit in other plants (included in cols. (D) and (E))		
		Quan. (D)	Value (E)	Quan. (F)	Value (G)	
INDUSTRY 2251 - FULL-FASHIONED HOSIERY MILLS - MC-22B						
22511--	FINISHED FULL-FASHIONED HOSIERY					
	Women's and misses' full-fashioned hosiery					
2251111	All-nylon and nylon leg, finished.....	100 dozen pairs				
2251131	All other yarns and mixtures, finished.....	100 dozen pairs				
2251151	Men's full-fashioned hose.....	100 dozen pairs				
22512--	FULL-FASHIONED HOSIERY SHIPPED IN THE GREIGE					
	Women's and misses' full-fashioned hosiery					
2251211	All-nylon and nylon leg, in the greige.....	100 dozen pairs				
2251231	All other yarns and mixtures, in the greige.....	100 dozen pairs				



MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	Unit of measure (B)	Shipments and interplant transfers of hosiery made from yarns or greige goods owned by your company--				Production of hosiery knit in this plant on commission from yarns owned by others (quantity) (H)
		Total		Knit in other plants (included in cols. (D) and (E))		
		Quan. (D)	Value (E)	Quan. (F)	Value (G)	
<b>INDUSTRY 2252 - SEAMLESS-HOSIERY MILLS - MC-22B</b>						
22521--	<b>WOMEN'S FINISHED SEAMLESS HOSIERY, EXCEPT ANKLETS</b>					
	Women's and misses' seamless hosiery (excluding anklets), including misses' size 6 and up					
2252111	All-nylon and nylon leg, finished.....	100	dozen	pairs		
2252121	All-rayon and rayon leg, finished.....	100	dozen	pairs		
2252131	Cotton or principally cotton, finished.....	100	dozen	pairs		
2252141	All other yarns and mixtures including ribbed hose, finished.....	100	dozen	pairs		
22522--	<b>MEN'S FINISHED SEAMLESS HOSIERY</b>					
	Men's seamless half-hose					
2252211	Nylon or principally nylon.....	100	dozen	pairs		
2252213	Rayon and/or acetate or principally rayon and/or acetate	100	dozen	pairs		
2252215	Cotton or principally cotton.....	100	dozen	pairs		
2252217	Wool or principally wool.....	100	dozen	pairs		
2252219	All other yarns and mixtures.....	100	dozen	pairs		
	Men's slack socks					
2252231	Nylon or principally nylon.....	100	dozen	pairs		
2252233	Rayon and/or acetate or principally rayon and/or acetate	100	dozen	pairs		
2252235	Cotton or principally cotton.....	100	dozen	pairs		
2252237	Wool or principally wool.....	100	dozen	pairs		
2252239	All other yarns and mixtures.....	100	dozen	pairs		
	Bundle goods					
2252241	Cotton or principally cotton.....	100	dozen	pairs		
2252245	Wool or principally wool, including skating and ski socks	100	dozen	pairs		
2252251	Athletic socks (gym, sweat, etc.).....	100	dozen	pairs		
2252261	Crew socks.....	100	dozen	pairs		
22523--	<b>ALL OTHER FINISHED SEAMLESS HOSIERY, INCLUDING ANKLETS</b>					
	Children's and infant's hosiery, excluding anklets					
2252311	Boys' socks, including boys' slack socks and golf hose..	100	dozen	pairs		
2252313	Children's 5/8 and 7/8 (sizes 6 and up).....	100	dozen	pairs		
2252315	Infants' socks, including ribbed hosiery (sizes through 5-1/2).....	100	dozen	pairs		
	Anklelets					
2252331	Women's and misses' (sizes 8 and up).....	100	dozen	pairs		
2252333	Men's and boys' (all sizes).....	100	dozen	pairs		
2252335	Children's (sizes 6 through 8-1/2).....	100	dozen	pairs		
2252337	Infants' (sizes through 5-1/2).....	100	dozen	pairs		
2252351	Slipper socks.....	100	dozen	pairs		
2252398	Other finished seamless hosiery (Specify kind and principal fiber)					
	.....	100	dozen	pairs		
	.....	100	dozen	pairs		
22524--	<b>SEAMLESS HOSIERY SOLD AS GREIGE (OR GREY) GOODS</b>					
	Women's and misses' seamless hosiery (excluding anklets), including misses' size 6 and up					
2252411	All-nylon and nylon leg, in the greige.....	100	dozen	pairs		
2252421	All-rayon and rayon leg, in the greige.....	100	dozen	pairs		
2252431	Cotton or principally cotton, in the greige.....	100	dozen	pairs		
2252441	All other yarns and mixtures including ribbed hose, in the greige.....	100	dozen	pairs		
2252451	Seamless hosiery shipped in the greige, excluding women's.	100	dozen	pairs		

## MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	Unit of measure (B)	Production				
		Total, finished goods made from your own materials by or for you		Made in this plant from your own materials (quantity)	Made in your contractors' plants from your own materials (quantity)	Made in this plant from materials owned by others (quantity)
		Quan. (D)	Value (E)	(F)	(G)	(H)
INDUSTRY 2253 - KNIT OUTERWEAR MILLS - MC-22C						
22531--	SWEATERS, JACKETS, JERSEYS, PULLOVERS, AND SACQUES					
	Sweaters					
	Men's sweaters, knit jackets, jerseys, and pullovers (See also Industry 2329) <sup>1</sup>					
2253111	Dozen					
2253115	Dozen					
2253117	Dozen					
	Boys' sweaters, knit jackets, jerseys, and pullovers (See also Industry 2329) <sup>1</sup>					
2253121	Dozen					
2253125	Dozen					
2253127	Dozen					
	Women's, misses', and juniors' (See also Industry 2339) <sup>1</sup>					
	Pullover sweaters and jerseys					
2253131	Dozen					
2253135	Dozen					
2253137	Dozen					
	Coat and cardigan sweaters					
2253141	Dozen					
2253145	Dozen					
2253147	Dozen					
	Girls' and teen-age girls' sweaters and jerseys (sizes 7-16) (See also Industry 2369) <sup>1</sup>					
2253151	Dozen					
2253155	Dozen					
2253157	Dozen					
	Children's sweaters (sizes 2-8) (See also Industry 2369) <sup>1</sup>					
2253161	Dozen					
2253167	Dozen					
	Infants' sweaters and sacques (sizes 0-3) (See also Industry 2369) <sup>1</sup>					
2253171	Dozen					
2253177	Dozen					
	Other knit products					
2253181	Dozen					
2253183	Dozen					
2253185	Dozen					
2253198						
	Other knit products (Specify kind and unit of measure, i.e., pound, gross, dozen, etc.)					
22532--	KNIT OUTERWEAR SPORT SHIRTS					
	Shirts, polo, tennis, basque, T, sweat, and other knit shirts					
	Men's (See also Industry 2321) <sup>1</sup>					
2253211	Dozen					
2253217	Dozen					
	Boys' (sizes 4-20) (See also Industry 2321) <sup>1</sup>					
2253221	Dozen					
2253227	Dozen					
2253231	Dozen					
	Women's, misses', and juniors' (See also Industry 2339) <sup>1</sup>					
2253241	Dozen					
2253251	Dozen					
	Girls' and teen-age girls' (sizes 7-16) (See also Industry 2369) <sup>1</sup>					
	Children's and infants' (sizes 1-6X) (See also Industry 2369) <sup>1</sup>					

MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	Production				
		Total, finished goods made from your own materials by or for you		Made in this plant from your own materials (quantity)	Made in your contractors' plants from your own materials (quantity)	Made in this plant from materials owned by others (quantity)
		Quan.	Value	(F)	(G)	(H)
INDUSTRY 2253 - KNIT OUTERWEAR MILLS - MC-22C--Continued						
22533--	SWIMWEAR, INCLUDING ATHLETIC SHORTS Bathing suits, trunks, and athletic shorts					
	Men's					
2253311	Knit swimwear (See also Industry 2329) <sup>1</sup> .....	Dozen				
	Woven fabric swimwear and athletic shorts <sup>2</sup>					
2253313	Elastic fabric.....	Dozen				
2253315	Other than elastic.....	Dozen				
	Boys'					
2253321	Knit swimwear (See also Industry 2329) <sup>1</sup> .....	Dozen				
2253325	Woven fabric swimwear and athletic shorts <sup>2</sup> .....	Dozen				
	Women's, misses', and juniors'					
2253331	Knit bathing suits (See also Industry 2339) <sup>1</sup> .....	Dozen				
	Woven fabric bathing suits <sup>3</sup>					
2253333	Elastic fabric.....	Dozen				
2253335	Other than elastic.....	Dozen				
	Girls' and teen-age girls' (sizes 7-16)					
2253341	Knit bathing suits (See also Industry 2369) <sup>1</sup> .....	Dozen				
2253345	Woven fabric bathing suits <sup>4</sup> .....	Dozen				
	Children's and infants' (sizes 1-8)					
2253351	Knit swimwear and trunks (See also Industry 2369) <sup>1</sup> .....	Dozen				
2253355	Woven fabric swimwear and trunks <sup>4</sup> .....	Dozen				
23230--	MEN'S AND BOYS' NECKWEAR (SEE ALSO INDUSTRY 2323) <sup>1</sup>					
2323013	Neckties, knit.....	Dozen				
2323019	Other knit neckwear, including mufflers and scarfs.....	Dozen				
23250--	HEADWEAR, MEN'S AND BOYS', WOMEN'S AND GIRLS' EXCEPT MILLINERY AND FELT AND STRAW HATS (SEE ALSO INDUSTRY 2325) <sup>1</sup>					
2325031	Men's and boys' headwear, knit.....	Dozen				
2325035	Women's and misses' headwear, including head scarfs, fascinators, and hoods, knit.....	Dozen				
2333013	WOMEN'S, MISSES', AND JUNIORS', KNIT DRESSES AND SUITS (MADE IN KNITTING MILLS) <sup>5</sup> .....	Dozen				
23690--	GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR, N.E.C. (SEE ALSO INDUSTRY 2369) <sup>1</sup>					
2369052	Children's and infants' overalls, knit fabrics (sizes 0-8).....	Dozen				
2369054	Children's and infants' pantie suits, knit fabrics (sizes 0-8).....	Dozen				
2369057	Infants' creepers and rompers, knit fabrics (sizes 0-3)	Doz. prs.				
2369062	Booties, knit fabrics, infants' (sizes 0-3).....	Doz. prs.				
2369063	Leggings, knit fabrics, infants'.....	Doz. prs.				
2369067	Children's and infants' knit headwear.....	Dozen				

<sup>1</sup>Classify in Industry 2253, if plant produces knit outerwear primarily from knit fabric made in the same establishment.

<sup>2</sup>Woven men's, youths', and boys' swimwear is primary to Industry 2329 only.

<sup>3</sup>Woven women's, misses', and juniors', swimwear is primary to Industry 2339 only.

<sup>4</sup>Woven girls', children's, and infants' swimwear is primary to Industry 2369 only.

<sup>5</sup>This item is primary to Industry 2253 only.



## MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	Production	
		(D) Quantity	(E) Value f.o.b. plant (omit cents)
INDUSTRY 2254 - KNIT UNDERWEAR MILLS - MC-22D			
23212--	MEN'S AND BOYS' NIGHTWEAR (SEE ALSO INDUSTRY 2321) <sup>1</sup>		
2321261	Men's and boys' nightwear made from circular knit cotton and/or wool fabrics..	Dozen	
2321265	Men's and boys' nightwear made from circular knit silk, rayon, nylon, and other synthetic fabric.....	Dozen	
2321271	Men's and boys' nightwear made from warp knit fabrics, all fibers.....	Dozen	
23220--	MEN'S AND BOYS' UNDERWEAR (SEE ALSO INDUSTRY 2322) <sup>1</sup>		
	Underwear made from circular knit cotton and/or wool fabrics		
	Union suits		
2322021	Men's heavyweight (9 lb. and over in size 42).....	Dozen	
2322023	Boys' heavyweight (6 lb. and over in size 34 or age 16).....	Dozen	
2322025	Men's and boys' lightweight.....	Dozen	
	Undershirts		
2322031	Men's and boys' heavyweight, 25% or more wool (7 lb. and over in size 42).	Dozen	
2322033	Men's and boys' heavyweight, less than 25% wool, or all cotton, and mediumweight.....	Dozen	
2322034	Men's and boys' lightweight, with 1/4 sleeves, (under 4-1/2 lb. in men's size 42).....	Dozen	
2322036	Men's sleeveless athletic type.....	Dozen	
2322037	Boys' sleeveless athletic type.....	Dozen	
2322038	Men's and boys' balbriggan, three-button front.....	Dozen	
	Drawers, men's and boys'		
2322041	Heavyweight 25% or more wool (7 lb. and over in size 38).....	Dozen	
2322047	Supporter type, including half, knee, and full-length.....	Dozen	
2322049	All other, including balbriggan.....	Dozen	
	Shorts and briefs, men's and boys'		
2322051	Men's and boys' knit shorts (loose-leg nonsupporter type).....	Dozen	
2322053	Men's briefs (supporter type).....	Dozen	
2322055	Boys' briefs (supporter type).....	Dozen	
2322061	Underwear made from warp knit fabrics, all fibers, men's and boys'.....	Dozen	
2322071	Underwear made from circular knit silk, rayon, nylon, and other synthetic fabrics, men's and boys'.....	Dozen	



MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	Production	
		Quantity (D)	Value f.o.b. plant (E)
INDUSTRY 2254 - KNIT UNDERWEAR MILLS - MC-22D--Continued			
23411--	WOMEN'S, MISSES', CHILDREN'S AND INFANTS' UNDERWEAR (SEE ALSO INDUSTRY 2341) <sup>1</sup>		
	Underwear made from circular knit cotton and/or wool fabrics		
	Women's, misses', and juniors'		
	Panties and bloomers		
2341131	Tuckstitch.....	Dozen	
2341132	Other than tuckstitch.....	Dozen	
2341133	Vests, undershirts, and stepins.....	Dozen	
2341134	Union suits, heavyweight and lightweight.....	Dozen	
	Girls' and children's (sizes 2-16)		
2341136	Panties and bloomers.....	Dozen	
2341137	Vests and undershirts.....	Dozen	
2341138	Union suits, including waist suits, heavyweight and lightweight.....	Dozen	
	Infants' underwear		
2341141	Vests, shirts, and bands.....	Dozen	
2341142	Panties.....	Dozen	
2341149	Other underwear, circular knit cotton and/or wool underwear.....	Dozen	
	Underwear made from circular knit, silk, rayon, nylon and other synthetic fabrics		
	Women's, misses', and juniors'		
2341151	Panties and bloomers.....	Dozen	
2341152	Vests, undershirts, and stepins.....	Dozen	
2341153	Slips and gertrudes.....	Dozen	
2341157	Petticoats and half-slips.....	Dozen	
2341159	Other underwear.....	Dozen	
	Girls', children's, and infants'		
2341161	Panties and bloomers.....	Dozen	
2341163	Vests and undershirts.....	Dozen	
2341169	Other underwear.....	Dozen	
	Underwear made from warp knit fabrics		
	Women's, misses', and juniors'		
	Panties and bloomers		
2341171	Chiefly nylon.....	Dozen	
2341172	Chiefly rayon and acetate.....	Dozen	
	Vests, undershirts, and stepins		
2341173	Chiefly nylon.....	Dozen	
2341174	Chiefly rayon and acetate.....	Dozen	
	Slips and gertrudes		
2341175	Chiefly nylon.....	Dozen	
2341176	Chiefly rayon and acetate.....	Dozen	
	Petticoats and half-slips		
2341177	Chiefly nylon.....	Dozen	
2341178	Chiefly rayon and acetate.....	Dozen	
	Girls', children's, and infants' underwear		
2341181	Panties and bloomers.....	Dozen	
2341185	Other warp knit underwear.....	Dozen	
23412--	WOMEN'S, MISSES', CHILDREN'S, AND INFANTS' NIGHTWEAR (SEE ALSO INDUSTRY 2341) <sup>1</sup>		
	Nightwear made from knit fabrics, including bed jackets		
2341251	Bed jackets and shoulderettes, knit.....	Dozen	
	Women's, misses', and juniors', nightwear made from circular knit fabrics		
2341261	Chiefly cotton and/or wool.....	Dozen	
2341265	Chiefly silk, rayon, and other synthetic fabrics.....	Dozen	
2341267	Girls', children's and infants' circular knit nightwear from silk, rayon, and other synthetic fabrics.....	Dozen	
	Women's, misses', and juniors' nightwear made from warp knit fabrics		
2341271	Chiefly nylon.....	Dozen	
2341273	Chiefly rayon and acetate.....	Dozen	
2341279	All other fabrics.....	Dozen	
2341280	Girls', children's, and infants' warp knit nightwear.....	Dozen	
	Children's and infants' nightwear made from circular cotton and/or wool knit fabrics (sizes 0-8)		
2341281	Heavyweight sleeping garments made with feet.....	Dozen	
2341289	Other nightwear, including gowns and kimonos.....	Dozen	

<sup>1</sup>Classify in Industry 2254, if plant produces knit underwear primarily from knit fabric made in the same establishment.

## MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	Unit of measure (B)	Production Total finished goods made from your own materials by or for you	
		Quantity (D)	Value f.o.b. plant (omit cents) (E)
INDUSTRY 2255 - KNIT GLOVE AND MITTEN MILLS - MC-22C			
23810--	DRESS AND SEMI-DRESS GLOVES AND MITTENS (SEE ALSO INDUSTRY 2381) <sup>1</sup>		
	Textile, knit, and knitted fabric		
	Men's and boys'		
	Seamed fingered gloves		
2381011	50% or more wool content.....	Dozen pairs	
2381013	Cotton.....	Dozen pairs	
2381015	Rayon and acetate.....	Dozen pairs	
2381017	Nylon.....	Dozen pairs	
2381019	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
	Seamless gloves and mittens		
	Gloves		
2381021	50% or more wool content.....	Dozen pairs	
2381023	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
	Mittens		
2381025	50% or more wool content.....	Dozen pairs	
2381027	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
	Women's and misses'		
	Seamed fingered gloves		
2381031	50% or more wool content.....	Dozen pairs	
2381033	Cotton.....	Dozen pairs	
2381035	Rayon and acetate.....	Dozen pairs	
2381037	Nylon.....	Dozen pairs	
2381039	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
	Seamless gloves and mittens		
	Gloves		
2381041	50% percent or more wool content.....	Dozen pairs	
2381043	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
	Mittens		
2381045	50% percent or more wool content.....	Dozen pairs	
2381047	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
2381051	Children's.....	Dozen pairs	
2381055	Infants'.....	Dozen pairs	
23820--	WORK GLOVES AND MITTENS, EXCEPT ALL LEATHER OR RUBBER (SEE ALSO INDUSTRY 2382) <sup>1</sup>		
2382031	Fleeced cotton jersey.....	Dozen pairs	
2382041	Light weight circular-knit.....	Dozen pairs	
2382071	Terry cloth.....	Dozen pairs	

<sup>1</sup>Classify in Industry 2255, if plant produces knit gloves and mittens primarily from knit fabric made in the same establishment.

MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	Unit of measure (B)	Shipments and interplant transfers of products made from yarns owned by your company			
		Quantity, total (D)	Value, total (E)	Shipped to other plants owned by you (quantity) (F)	For sale (quantity) (G)
<b>INDUSTRY 2256 - KNIT FABRIC MILLS - MC-22D</b>					
22561--	WARP KNIT FABRICS				
	Warp-knit fabrics (including Raschel)				
	Underwear and nightwear fabrics				
2256111	Nylon or chiefly nylon.....	M pounds			
2256113	Rayon or chiefly rayon.....	M pounds			
2256115	Other yarns and mixtures.....	M pounds			
2256121	Corset fabrics.....	M pounds			
2256131	Outerwear fabrics, except glove.....	M pounds			
2256141	Glove fabrics.....	M pounds			
2256151	Netting, including Raschel-knit shoe netting.....	M pounds			
2256198	Other warp-knit fabrics not listed above (Specify kind)				
	.....	M pounds			
	.....	M pounds			
22562--	CIRCULAR KNIT FABRICS				
	Underwear and nightwear fabrics				
2256211	Cotton or chiefly cotton.....	M pounds			
2256213	Rayon or chiefly rayon.....	M pounds			
2256215	Other yarns and mixtures.....	M pounds			
	Outerwear fabrics, excluding glove fabrics				
2256231	Overcoating, topcoating, and ski and snow suit fabrics (including fleeces).....	M pounds			
2256233	Dress and suiting fabrics.....	M pounds			
2256235	Polo shirt type fabrics.....	M pounds			
2256239	Other circular-knit outerwear fabrics, excluding glove fabrics (Specify kind)				
	.....	M pounds			
	.....	M pounds			
	Glove and mitten fabrics				
2256251	Work-glove jersey made of cotton, including balbriggan	M pounds			
2256253	Work-glove ribbed tubing made of cotton.....	M pounds			
2256255	Other circular-knit glove and mitten fabrics (Specify kind)				
	.....	M pounds			
	.....	M pounds			
	Other circular-knit fabrics				
2256271	Footwear lining.....	M pounds			
2256273	Meat bagging and other stockinette fabrics.....	M pounds			
2256275	Elastic girdle blanks and elastic fabrics.....	M pounds			
2256298	Other circular-knit fabrics not listed above (Specify kind)				
	.....	M pounds			
	.....	M pounds			
<b>INDUSTRY 2259 - KNITTING MILLS, N.E.C. - MC-22D</b>					
22590--	OTHER KNITTING MILL PRODUCTS, N.E.C.				
	Knitted wash cloths, dishcloths, and towels (See also Industry 2392) <sup>1</sup>				
2259011	Warp-knit.....	M pounds			
2259015	Circular-knit.....	M pounds			
2259098	Other knit products, n.e.c. (Specify kind and unit of measure)				
	.....				
	.....				

<sup>1</sup>Classify in Industry 2259, if plant produces knit products primarily from knit fabric made in the same establishment.



## MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)	Production in this establishment on commission from materials owned by others (quantity) (H)
<b>INDUSTRY 2261 - FINISHING TEXTILES, EXCEPT WOOL - MC-22A</b>					
22611--	<b>FINISHING COTTON WOVEN FABRICS</b>				
2261111	Bleached and white finished, cotton broad woven fabrics.....	M lin. yds.			
2261131	Plain dyed and finished, cotton broad woven fabrics.....	M lin. yds.			
2261251	Printed and finished, cotton broad woven fabrics.....	M lin. yds.			
22612--	<b>FINISHING SYNTHETIC AND SILK WOVEN FABRICS</b>				
2261211	Bleached and white finished broad woven fabrics				
2261215	Rayon and acetate broad woven fabrics.....	M lin. yds.			
2261231	All other broad woven fabrics of silk, synthetic fibers or synthetic fiber mixtures.....	M lin. yds.			
2261235	Plain dyed and finished broad woven fabrics				
2261251	Rayon and acetate broad woven fabrics.....	M lin. yds.			
2261255	All other broad woven fabrics of silk, synthetic fibers, or synthetic fiber mixtures.....	M lin. yds.			
22613--	<b>FINISHING YARNS AND RAW STOCK, EXCEPT WOOL</b>				
2261311	<b>Yarns, bleached</b>				
2261313	Carded cotton.....	M pounds			
2261315	Combed cotton.....	M pounds			
	Other fibers (Specify kind) .....	M pounds			
	.....	M pounds			
2261321	<b>Yarns, dyed</b>				
2261323	Carded cotton.....	M pounds			
2261325	Combed cotton.....	M pounds			
	Other fibers (Specify kind) .....	M pounds			
	.....	M pounds			
2261331	<b>Yarns, mercerized</b>				
2261335	Carded cotton.....	M pounds			
	Combed cotton.....	M pounds			
2261341	<b>Raw stock, bleached</b>				
2261345	Cotton.....	M pounds			
	Other fibers (Specify kind) .....	M pounds			
	.....	M pounds			
2261351	<b>Raw stock, dyed</b>				
2261355	Cotton.....	M pounds			
	Other fibers (Specify kind) .....	M pounds			
	.....	M pounds			
22614--	<b>OTHER FINISHED FABRICS (FLAMEPROOFED, MILDEWPROOFED, MERCERIZED, EMBOSSED, ETC.)</b>				
2261411	Other finished fabrics (flameproofed, mildewproofed, mercerized, embossed, etc.).....	M lin. yds.			
<b>INDUSTRY 2262 - DYEING AND FINISHING WOOLEN AND WORSTED GOODS (SEE CENSUS INDUSTRY 2216)</b>					



MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)		(B)	Total production in this plant (regardless of ownership of materials) (quantity) (C)	(D)	(E)
INDUSTRY 2271 - WOOL CARPETS, RUGS, AND CARPET YARNS - MC-22E					
22711--	WOOL CARPETS AND RUGS				
	Woven				
	All wool				
2271111	Administer.....	M sq. yds.			
2271113	Wilton.....	M sq. yds.			
2271115	Plain velvet.....	M sq. yds.			
2271117	Printed velvet, chenille and others (Specify kind) .....	M sq. yds.			
	.....	M sq. yds.			
	Wool mixtures, chiefly wool				
2271121	Administer.....	M sq. yds.			
2271123	Wilton.....	M sq. yds.			
2271125	Plain velvet.....	M sq. yds.			
2271127	Printed velvet, chenille and others (Specify kind) .....	M sq. yds.			
	.....	M sq. yds.			
2271129	Woven pile, containing less than 50 percent wool, chiefly synthetic fibers.....	M sq. yds.			
2271131	Not woven, wool face on felt backing.....	M sq. yds.			
2271151	Automobile and aircraft floor covering, wool.....	M sq. yds.			
22712--	CARPET AND RUG WEAVING YARNS, WOOL				
	Carpet and rug weaving yarns				
2271211	Spun on woolen system.....	M pounds			
2271231	Spun on worsted system (Specify system) .....	M pounds			
	.....	M pounds			
INDUSTRY 2273 - CARPETS AND RUGS, N.E.C. - MC-22E					
22731--	TUFTED CARPETS AND RUGS				
	Carpets and rugs made from fibers other than wool				
2273111 <sup>1</sup>	Cotton (including all cotton and cotton mixtures, chiefly cotton), tufted.....	M sq. yds.			
2273151 <sup>1</sup>	Synthetic fibers (including 100 percent and synthetic mixtures, chiefly synthetic), tufted.....	M sq. yds.			
22732--	WOVEN COTTON AND SYNTHETIC CARPETS AND RUGS, EXCEPT AUTO AND AIRCRAFT FLOOR COVERINGS				
	Carpets and rugs made from fibers other than wool				
2273211	Cotton (including all cotton and cotton mixtures, chiefly cotton), woven pile.....	M sq. yds.			
2273251	Synthetic fibers (including 100 percent and synthetic mixtures, chiefly synthetic), woven pile.....	M sq. yds.			
22733--	ALL OTHER CARPETS AND RUGS (MADE FROM FIBERS OTHER THAN WOOL) (BRAIDED, HOOKED, RAG, JUTE, FLAX, STRAW, ETC.)				
2273311	All other carpets and rugs (including braided and hooked, rag, jute, flax, straw, coir, paper, etc.) (Specify kind) .....	M sq. yds.			
	.....	M sq. yds.			
2273351	Automobile and aircraft floor coverings made from fibers other than wool.....	M sq. yds.			

<sup>1</sup>"Tufted Textiles - Rugs, carpets, and bath mats and sets" (listed on MC-23E) is classified as cotton. Reports received from plants classified in Industry 2271 or 2273 and reporting "Tufted Textiles - Rugs, carpets, and bath mats and sets" (on MC-23E), should be verified to determine whether code 2273111 or 2273151 is appropriate.

## MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)		(B)	Total production (C)	(D)	(E)
INDUSTRY 2274 - HARD-SURFACED FLOOR COVERINGS - MC-22F					
22741--	LINOLEUM				
	Linoleum floor and wall covering				
	Sheet goods				
2274111	1/8" or thicker.....	M sq. yds.			
2274113	.050 wearing surface up to 1/8".....	M sq. yds.			
2274115	Less than .050 wearing surface.....	M sq. yds.			
	Tile				
2274121	1/8" or thicker (backed and unbacked).....	M sq. yds.			
2274123	.050 wearing surface up to 1/8".....	M sq. yds.			
2274125	Less than .050 wearing surface.....	M sq. yds.			
	Cork floor and wall covering				
2274151	Sheet goods.....	M sq. yds.			
2274155	Tile (except insulation).....	M sq. yds.			
22742--	ASPHALTED-FELT-BASE FLOOR AND WALL COVERING				
	Printed asphalted-felt-base floor and wall covering				
	Floor covering				
	Enamel coated or printed				
	Border rugs				
2274211	Larger than 9 x 15.....	M sq. yds.			
2274213	9 x 15 and smaller.....	M sq. yds.			
	Sheet goods				
2274221	16/4 yard and wider.....	M sq. yds.			
2274223	12/4 yard.....	M sq. yds.			
2274225	8/4 and narrower.....	M sq. yds.			
	Plastic coated or plastic printed				
2274231	Border rugs (all sizes).....	M sq. yds.			
	Sheet goods				
2274241	16/4 yard and wider.....	M sq. yds.			
2274243	12/4 yard.....	M sq. yds.			
2274245	8/4 yard and narrower.....	M sq. yds.			
2274251	Wall covering.....	M sq. yds.			
2274261	Other hard surface floor and wall coverings (Specify kind)				
	.....	M sq. yds.			
	.....	M sq. yds.			
22743--	SUPPORTED PLASTIC FLOOR AND WALL COVERING				
	Floor covering				
2274311	Sheet goods.....	M sq. yds.			
2274315	Tile.....	M sq. yds.			
2274331	Wall covering, resilient, hard surface, sheet goods.....	M sq. yds.			

MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)		Unit of measure (B)	Production			
			Total		Hats finished in this plant from purchased hat bodies	
			Quantity (D)	Value (E)	Quantity (F)	Sales value (G)
INDUSTRY 2281 - FUR-FELT HATS AND HAT BODIES - MC-23B						
22810--	FUR-FELT HATS AND HAT BODIES					
	Fur-felt hat bodies made for sale as such					
2281011	Men's and boys'.....	Dozen				
2281015	Women's and children's.....	Dozen				
	Finished fur-felt hats, excluding millinery					
2281051	Men's and boys'.....	Dozen				
2281055	Women's and children's.....	Dozen				
INDUSTRY 2282 - WOOL-FELT HATS AND HAT BODIES - MC-23B						
22820--	WOOL-FELT HATS AND HAT BODIES					
	Wool-felt hat bodies made for sale as such					
2282011	Men's and boys'.....	Dozen				
2282015	Women's and children's.....	Dozen				
	Finished wool-felt hats, excluding millinery					
2282051	Men's and boys'.....	Dozen				
2282055	Women's and children's.....	Dozen				
INDUSTRY 2283 - STRAW HATS - MC-23B						
22830--	STRAW HATS					
	Finished hats, excluding millinery					
	Men's and boys'					
2283011	Sewed braid.....	Dozen				
2283015	Woven body.....	Dozen				
	Women's and children's, excluding millinery					
2283031	Sewed braid.....	Dozen				
2283041	Woven body.....	Dozen				
2283051	Harvest hats.....	Dozen				
INDUSTRY 2284 - HATTER'S FUR - MC-23B						
22840--	HATTER'S FUR					
2284011	Hatter's fur, cut or blown for sale.....	No. of lbs.				

MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)	(H)
		Production in this establishment on commission from materials owned by others (quantity)				
INDUSTRY 2291 - FELT GOODS, N.E.C., EXCEPT WOVEN FELTS AND HATS - MC-22A						
22910--	FELT GOODS, N.E.C., EXCEPT WOVEN FELTS AND HATS					
	Pressed wool felts					
2291011	Industrial felts (1/8 inch thick and over).....	M lbs.				
2291013	Needle trade felts (under 1/8 inch thick).....	M lbs.				
2291015	Sheets.....	M lbs.				
2291017	Wheels.....	M lbs.				
	Punched or needled felt (hair and jute)					
2291051	Carpet and rug linings and cushions.....	M lbs.				
2291053	Automotive felts.....	M lbs.				
2291055	Insulation and accoustic felts.....	M lbs.				
2291057	Packing felts.....	M lbs.				
2291059	All other felts (Specify kind)					
	.....	M lbs.				
	.....	M lbs.				
INDUSTRY 2292 - LACE GOODS - MC-22G						
22920--	LACE GOODS					
	Lavers lace machine products					
2292011	All-overs.....	M sq. yds.				
2292015	Edgings, insertions, galloons, and flouncings.....	M sq. yds.				
2292019	All other lavers products (Specify kind)					
	.....	M sq. yds.				
	.....	M sq. yds.				
2292031	Barmen laces.....	M lin. yds.				
	Nottingham lace machine products					
2292051	Curtains.....	Pairs				
2292059	All other Nottingham lace and lace products.....	Dollars				
2292071	Bobbinets.....	M sq. yds.				
2292098	All other laces and nets (Specify kind and unit of measure)					
	.....					
	.....					



MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2293 - PADDINGS AND UPHOLSTERY FILLING - MC-22H				
22930--	PADDINGS AND UPHOLSTERY FILLING			
	Products manufactured in this plant from your own materials			
2293011	Automotive pads (sisal, etc.).....	M pounds		
2293019	All other pads of hard fiber.....	M pounds		
	Batting, wadding, and mattress felts			
2293031	Made from raw cotton.....	M pounds		
2293033	Made from linters.....	M pounds		
2293035	Made from cotton waste.....	M pounds		
2293037	Made from linters and waste mixed.....	M pounds		
2293039	Other (Specify kind)			
	.....	M pounds		
	.....	M pounds		
	Upholstering filling			
2293051	Curled hair.....	M pounds		
2293059	Other (Specify kind)			
	.....	M pounds		
	.....	M pounds		
INDUSTRY 2294 - PROCESSED TEXTILE WASTE AND RECOVERED FIBERS - MC-22H				
22940--	PROCESSED TEXTILE WASTE AND RECOVERED FIBERS			
	Products manufactured in this plant from your own materials			
	Fiber recovered from			
2294011	New wool clips and rags (reprocessed).....	M pounds		
2294013	Old wool rags (reused).....	M pounds		
2294015	Rayon and/or acetate clips and rags.....	M pounds		
2294019	Other clips and rags (Specify kind)			
	.....	M pounds		
	.....	M pounds		
	Processed mill waste (excluding fiber recovered from clips and rags)			
2294021	Cotton.....	M pounds		
2294023	Wool.....	M pounds		
2294025	Rayon and/or acetate.....	M pounds		
2294029	Other (Specify kind)			
	.....	M pounds		
	.....	M pounds		
	Flock			
2294031	Rayon and/or acetate.....	M pounds		
2294039	Other (Specify kind)			
	.....	M pounds		
	.....	M pounds		
2294051	Oakum.....	M pounds		



MAJOR GROUP 22 - TEXTILE MILL PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 2298 - CORDAGE AND TWINE - MC- 22K					
22981--	HARD FIBER CORDAGE AND TWINE				
	Cordage (rope and cable) (including products composed of 3 or more strands, each strand composed of 2 or more yarns)				
	Abaca rope and cable				
2298111	3/4-inch in diameter and larger.....	M pounds			
2298115	Less than 3/4-inch in diameter.....	M pounds			
	Agave rope and cable				
2298121	3/4-inch diameter and larger.....	M pounds			
2298125	Less than 3/4-inch diameter.....	M pounds			
2298129	Other hard fiber rope and cable (Specify kind)				
	.....	M pounds			
	.....	M pounds			
	Hard fiber twine (including products laid or twisted, but not of stranded construction. Include twine made of hard fiber tow and of istle run over hard fiber machinery)				
2298131	Binder twine.....	M pounds			
2298133	Baler twine.....	M pounds			
2298135	Wrapping or tying twines.....	M pounds			
2298139	Other hard fiber twine (including twine made of hard fiber and paper) (Specify kind)				
	.....	M pounds			
	.....	M pounds			
2298151	Hard fiber cords.....	M pounds			
22982--	SOFT FIBER CORDAGE AND TWINE, EXCEPT COTTON				
2298211	Soft fiber, synthetic and paper twine and cord				
	For net making and net repairing (Specify kind)				
	.....	M pounds			
	.....	M pounds			
	For wrapping and all other uses, wholly or in chief weight of--				
2298221	Hemp.....	M pounds			
2298223	Jute.....	M pounds			
2298225	Paper.....	M pounds			
2298227	Other (Specify kind)				
	.....	M pounds			
	.....	M pounds			
	Fishline				
2298231	Nylon.....	M pounds			
2298241	Other, except hard fiber and cotton (Specify kind)				
	.....	M pounds			
	.....	M pounds			
2298251	Synthetic fiber rope (Specify kind)				
	.....	M pounds			
	.....	M pounds			
22983--	COTTON CORDAGE AND TWINE				
2298311	Cotton braided cord (regardless of size).....	M pounds			
	Soft cotton twine				
	For net making and net repairing				
2298321	Cotton seine twine (including cables and hawsers).....	M pounds			
2298331	For wrapping and all other uses, wholly or in chief weight of cotton	M pounds			
2298341	Cotton fishing netting.....	M pounds			
INDUSTRY 2299 - TEXTILE GOODS, NOT ELSEWHERE CLASSIFIED (INCLUDES FORMER INDUSTRY 2296) - MC-22K					
22991--	LINEN GOODS				
2299111	Linen (flax) thread (excluding jacquard thread or jacquard twine)....	Pound			
2299131	Linen (flax or hemp) woven goods and towels.....	Sq. yds.			
2299198	Other linen goods (Specify kind)				
	.....	Pound			
	.....	Pound			
22992--	OTHER TEXTILE GOODS, N.E.C.				
	Non-woven textiles (bonded fabrics)				
2299211	Primarily cotton.....	M pounds			
2299215	Primarily other fibers.....	M pounds			
2299298	Other textile goods, n.e.c.....	Dollars			



## MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS

(A)	(B)	Production from materials owned by you		Production on contract--cut in this plant from materials owned by others (quantity) (H)
		Total cut by or for you		
		Quantity (D)	Value (E)	
<b>INDUSTRY 2311 - MEN'S, BOYS' SUITS AND COATS - MC-23A</b>				
23111--	MEN'S AND BOYS' SUITS, EXCLUDING SKI, SNOW, SLACK AND WASH Suits, excluding, ski, snow, slack, wash			
2311111	Men's regular-weight one-trouser suits, 50 percent or more wool.....	Unit		
2311115	Men's regular-weight two-trouser suits, 50 percent or more wool.....	Unit		
2311121	Other regular-weight men's one-trouser suits, including synthetics.....	Unit		
2311125	Other regular-weight men's two-trouser suits, including synthetics.....	Unit		
2311131	Men's summer-weight suits 50 percent or more wool.....	Unit		
2311135	Rayon and other synthetic fabrics.....	Unit		
2311137	Other summer-weight suits.....	Unit		
2311141	Students' (sizes 32-40) Regular-weight.....	Unit		
2311145	Summer-weight.....	Unit		
2311151	Cadets' (sizes 8-18) Regular-weight.....	Unit		
2311155	Summer-weight.....	Unit		
2311161	Junior boys', excluding wash suits (sizes 4-12) Regular-weight.....	Unit		
2311165	Summer-weight.....	Unit		
	Suits, tailored uniform			
	Men's military uniform suits			
2311171	Regular-weight.....	Unit		
2311173	Summer-weight.....	Unit		
2311175	Men's non-military uniform suits.....	Unit		
2311177	Boys' uniform suits.....	Unit		
23112--	MEN'S AND BOYS' OVERCOATS AND TOPCOATS			
	Coats, excluding uniform			
	Men's			
2311211	Overcoats (outer fabric over 22 oz. per yard 54" wide)....	Unit		
2311213	Topcoats, including reversibles, zipper-lined fingertip and water-repellent wool topcoats (22 oz. or less).....	Unit		
2311215	Stormcoats.....	Unit		
2311221	Students' (Sizes 32-40) Overcoats, topcoats, and stormcoats.....	Unit		
2311231	Cadets' (sizes 8-18) Overcoats, topcoats, and stormcoats.....	Unit		
2311241	Junior boys' (sizes 4-12) Overcoats, topcoats, and stormcoats.....	Unit		
2311271	Men's and boys' uniform overcoats and topcoats Military.....	Unit		
2311275	Non-military.....	Unit		
23113--	MEN'S AND BOYS' TAILORED DRESS AND SPORT COATS AND JACKETS, INCLUDING LEISURE JACKETS, SEPARATE TAILORED UNIFORM COATS AND JACKETS			
	Tailored dress and sport coats, including sport and leisure jackets, excluding uniform			
2311311	Men's.....	Unit		
2311321	Students' (sizes 32-40).....	Unit		
2311331	Cadets' (sizes 8-18).....	Unit		
2311341	Junior boys' (sizes 4-12).....	Unit		
2311371	Men's and boys' separate tailored uniform coats and jackets Military.....	Unit		
2311375	Non-military.....	Unit		
<b>INDUSTRY 2312 - SUIT AND COAT FINDINGS - MEN'S AND BOYS' - MC-23A</b>				
23120--	SUIT AND COAT FINDINGS - MEN'S AND BOYS'			
2312011	Men's and boys' coat, suit, and trouser findings.....	Dollars		



MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)	(B)	Production from materials owned by you		Production on contract--out in this plant from materials owned by others (quantity) (H)
		Total cut by or for you		
		Quantity (D)	Value (E)	
<b>INDUSTRY 2321 - MEN'S DRESS AND SPORT SHIRTS AND NIGHTWEAR - MC-23A</b>				
23211--	<b>MEN'S AND BOYS' DRESS AND SPORT SHIRTS, EXCEPT KNIT</b>			
	Shirts, excluding uniform shirts			
2321111				
2321115	Men's dress and business shirts (designed primarily for dress, street or business wear).....	Dozen		
	Boys' dress shirts (sizes 4-20).....	Dozen		
	Men's sport shirts made from woven fabrics (designed for sport, leisure or casual wear)			
2321131	Chiefly cotton.....	Dozen		
2321133	Chiefly rayon and acetate.....			
2321135	Other woven sport shirts, including wool.....	Dozen		
2321137	Boys' sport shirts made from woven fabrics.....	Dozen		
	Shirts, uniform, men's and boys'			
2321151	Military.....	Dozen		
2311155	Non-military.....	Dozen		
23212--	<b>MEN'S AND BOYS' NIGHTWEAR</b>			
	Nightwear made from woven fabrics			
2321211	Men's pajamas and other nightwear.....	Dozen		
2321251	Boys' pajamas and other nightwear (sizes 4-20).....	Dozen		
	Nightwear made from knit fabrics (See also Industry 2254) <sup>1</sup>			
2321261	Nightwear made from circular knit cotton and/or wool fabrics.....	Dozen		
2321265	Nightwear made from circular knit silk, rayon, nylon and other synthetic fabrics.....	Dozen		
2321271	Men's and boys' nightwear made from warp knit fabrics, all fibers.....	Dozen		
22532--	<b>KNIT OUTERWEAR SPORT SHIRTS (SEE ALSO INDUSTRY 2253) <sup>1</sup></b>			
	Men's			
2253211	Sweat shirts.....	Dozen		
2253217	Polo, tennis, basque, T, and other knit shirts, excluding sweat shirts.....	Dozen		
	Boys' (sizes 4-20)			
2253221	Sweat shirts.....	Dozen		
2253227	Polo, tennis, basque, T, and other knit shirts, excluding sweat sbirts.....	Dozen		

<sup>1</sup>Classify in Industry 2321, if plant produces knit products primarily from purchased knit fabric.

## NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)	(B)	Production from materials owned by you		Production on contract-- cut in this plant made from materials owned by others (quantity) (H)
		Total cut by or for you		
		Quantity (D)	Net sales value (E)	
<b>INDUSTRY 2322<sup>1</sup> - MEN'S AND BOYS' UNDERWEAR - MC-23A</b>				
23220--	MEN'S AND BOYS' UNDERWEAR			
	Underwear made from woven fabrics			
2322011	Men's undershorts.....	Dozen		
2322013	Boys' undershorts (sizes 4-20).....	Dozen		
2322015	Men's and boys' union suits.....	Dozen		
	Underwear made from circular knit cotton and/or wool fabrics (See also Industry 2254) <sup>1</sup>			
	Union suits			
2322021	Men's heavy-weight (9 lb. and over in size 42).....	Dozen		
2322023	Boys' heavy-weight (6 lb. and over in size 34 or age 16)....	Dozen		
2322025	Men's and boys' light-weight.....	Dozen		
	Undershirts			
2322031	Men's and boys' heavyweight 25% or more wool (7 lb. and over in size 42).....	Dozen		
2322033	Men's and boys' heavyweight, less than 25% wool or all-cotton and mediumweight.....	Dozen		
2322034	Men's and boys' lightweight, with 1/4 sleeves, (under 4-1/2 lb. in men's size 42).....	Dozen		
2322036	Men's sleeveless athletic type.....	Dozen		
2322037	Boys' sleeveless athletic type.....	Dozen		
2322038	Men's and boys' balbriggan, three-button front.....	Dozen		
	Drawers, men's and boys'			
2322041	Heavyweight 25% or more wool (7 lb. and over in size 38)....	Dozen		
2322047	Supporter type, including half, knee, and full-length.....	Dozen		
2322049	All other, including balbriggan.....	Dozen		
	Shorts and briefs, men's and boys'			
2322051	Men's and boys' knit shorts (loose-leg nonsupporter type)...	Dozen		
2322053	Men's briefs (supporter type).....	Dozen		
2322055	Boys' briefs (supporter type).....	Dozen		
2322061	Underwear made from warp knit fabrics, all fibers, men's and boys'.....	Dozen		
2322071	Underwear made from circular knit silk, rayon, nylon, and other synthetic fabrics, men's and boys'.....	Dozen		
<sup>1</sup> Classify in Industry 2322, if plant produces underwear primarily from purchased knit fabric.				
<b>INDUSTRY 2323 - MEN'S AND BOYS' NECKWEAR - MC-23A</b>				
23230--	MEN'S AND BOYS' NECKWEAR (SEE ALSO INDUSTRY 2253) <sup>1</sup>			
2323011	Neckties, woven, including printed.....	Dozen		
2323013	Neckties, knit.....	Dozen		
2323015	Mufflers and scarfs, woven.....	Dozen		
2323019	Other knit neckwear, including mufflers and scarfs.....	Dozen		
<sup>1</sup> Classify in Industry 2323, if plant produces knit products primarily from purchased knit fabric.				

MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)		Unit of measure (B)	Production			
			Total		Hats finished in this plant from purchased hat bodies	
			Quantity (D)	Sales value (E)	Quantity (F)	Sales value (G)
INDUSTRY 2325 - CLOTH HATS AND CAPS - MC-23B						
23250--	HEADWEAR, MEN'S AND BOYS' WOMEN'S AND GIRLS', EXCEPT MILLINERY AND FELT AND STRAW HATS (SEE ALSO INDUSTRY 2253) <sup>1</sup>					
2325011	Men's and boys' cloth hats.....	Dozen				
2325013	Men's and boys' plastic-wool cloth hats.....	Dozen				
2325015	Men's and boys' caps.....	Dozen				
2325017	Men's and boys' uniform hats and caps.....	Dozen				
2325021	Women's uniform hats and caps.....	Dozen				
2325031	Men's and boys' headwear, knit.....	Dozen				
2325035	Women's and misses' headwear, including head scarfs, fascinators, and hoods, knit.....	Dozen				
<sup>1</sup> Classify in Industry 2325, if plant produces knit products primarily from purchased knit fabric.						
INDUSTRY 2326 - HAT AND CAP MATERIALS - MC-23B						
23260--	HAT AND CAP MATERIALS					
2326011	Hat bands, hat linings, tip printing and stamping, sweats, cap fronts, etc., made for sale as such.....	Dollars				
INDUSTRY 2327 - SEPARATE DRESS AND SPORT TROUSERS - MEN'S AND BOYS' - MC-23A						
23270--	SEPARATE DRESS AND SPORT TROUSERS - MEN'S AND BOYS'					
	Trousers, pants, and slacks: separate, excluding uniform trousers					
	Dress and sport, including knickers and shorts					
	Men's					
2327011	50 percent or more wool.....	Units				
2327015	Chiefly rayon and other synthetics.....	Units				
2327017	Chiefly cotton.....	Units				
2327021	Students' and cadets' (sizes 25-34).....	Units				
	Junior boys' (sizes 4-20)					
2327041	Dress and sport trousers, except outerwear shorts.....	Units				
2327045	Outerwear dress shorts and short pants.....	Units				
	Trousers, uniform: separate					
2327061	Men's military uniform trousers.....	Dozen				
2327063	Men's non-military uniform trousers.....	Dozen				
2327065	Boys' uniform trousers.....	Dozen				
INDUSTRY 2328 - WORK SHIRTS - MEN'S AND BOYS' - MC-23A						
23280--	WORK SHIRTS - MEN'S AND BOYS'					
2328011	Men's work shirts.....	Dozen				
2328051	Boys' work shirts (sizes 4-20).....	Dozen				



## MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

	Unit of measure	Production from materials owned by you		Production on contract-- cut in this plant made from materials owned by others (quantity) (H)
		Total cut by or for you		
		Quantity (D)	Net sales value (E)	
<b>INDUSTRY 2329 - MEN'S AND BOYS' CLOTHING, N.E.C. - MC-23A</b>				
23291--	MEN'S AND BOYS' WORK CLOTHING, WASHABLE SERVICE APPAREL, EXCEPT WORK SHIRTS			
2329111	Dozen			
2329115	Dozen			
2329131	Dozen			
2329133	Dozen			
2329135	Dozen			
2329137	Dozen			
	Other mens' work uniforms and washable service apparel			
2329151	Dozen			
2329153	Dozen			
2329155	Dozen			
2329157	Dozen			
23292--	MEN'S AND BOYS' HEAVY OUTERWEAR COATS AND JACKETS (INCLUDING UNIFORM), EXCLUDING LEATHER, SHEEPSKIN, SWEATERS, AND TAILORED JACKETS			
2329211	Dozen			
2329221	Dozen			
2329231	Dozen			
2329235	Dozen			
2329241	Dozen			
2329245	Dozen			
	Other jackets, excluding tailored, leather, sheeplined and sweater			
2329251	Dozen			
2329261	Dozen			
23293--	OTHER MEN'S AND BOYS' OUTERWEAR			
	Slack suits			
2329311	Dozen			
2329331	Dozen			
	Ski and snow pants and leggings, woven fabric			
2329351	Dozen			
2329371	Dozen			
2329398	Dozen			
	Other men's and boys' outerwear, n.e.c.(including athletic uniforms, basketball, football, etc.) (Specify kind)			
	Dozen			
	Dozen			
22531--	SWEATERS, JACKETS, JERSEYS, PULLOVERS, AND SACQUES (SEE ALSO INDUSTRY 2253) <sup>1</sup>			
	Men's sweaters, knit jackets, jerseys, and pullovers			
2253111	Dozen			
2253115	Dozen			
2253117	Dozen			
	Boys' sweaters, knit jackets, jerseys, and pullovers			
2253121	Dozen			
2253125	Dozen			
2253127	Dozen			
22533--	SWIMWEAR, INCLUDING ATHLETIC SHORTS			
	Men's			
2253311	Dozen			
	Woven fabric swimwear and athletic shorts <sup>2</sup>			
2253313	Dozen			
2253315	Dozen			
	Boys'			
2253321	Dozen			
2253325	Dozen			

<sup>1</sup>Classify in Industry 2329, if plant produces knit products primarily from purchased knit fabric.<sup>2</sup>Classify in Industry 2329.



MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)		(B)	Production from materials owned by you		Production on contract-- cut in this plant from materials owned by others (quantity) (H)
			Total cut by or for you		
			Quantity (D)	Net sales value (E)	
INDUSTRY 2331 - WOMEN'S AND MISSES' BLOUSES AND WAISTS - MC-23A					
23310--	BLOUSES, BLOUSETTES, WAISTS AND SHIRTS - WOMEN'S, MISSES' AND JUNIORS'				
2331011	Women's, misses', and juniors' blouses, blousettes, waists, and shirts.....	Dozen			
INDUSTRY 2333 - WOMEN'S AND MISSES' UNIT-PRICED DRESSES - MC-23A					
23330--	DRESSES, SOLD AT A UNIT-PRICE - WOMEN'S, MISSES' AND JUNIORS'				
2333011	Women's, misses', and juniors' unit-priced dresses.....	Unit			
2333013	Women's misses' and juniors' knit dresses and suits (made in knitting mills (See also Industry 2253) <sup>1</sup> .....	Dozen			
<sup>1</sup> Classify in industry 2253.					
INDUSTRY 2334 - DRESSES, DOZEN PRICE - MC-23A					
23341--	WOMEN'S, MISSES', AND JUNIORS' DOZEN PRICE DRESSES				
2334111	Women's, misses', and juniors' dozen-priced dresses.....	Dozen			
23342--	WOMEN'S, MISSES' AND JUNIORS' APRONS, UNIFORMS, AND OTHER WASHABLE SERVICE APPAREL				
2334215	Aprons, smocks, hoovers, swirls, and pinafore aprons, all fabrics (except rubber, plastic and rubberized fabrics).....	Dozen			
2334231	Washable service apparel				
	Nurses'.....	Dozen			
2334235	Maids'.....	Dozen			
2334237	Other washable service apparel.....	Dozen			
INDUSTRY 2337 - WOMEN'S AND MISSES' SUITS, COATS (EXCEPT FUR COATS), AND SKIRTS - MC-23A					
23371--	WOMEN'S, MISSES' AND JUNIORS' COATS, INCLUDING UNIFORM (EXCEPT FUR)				
2337111	Fur-trimmed coats, including capes, but excluding fur coats.....	Unit			
2337151	Untrimmed coats (coats without fur), including capes and reversible coats, but excluding fur coats.....	Unit			
2337171	Women's uniform coats, topcoats and overcoats.....	Unit			
23372--	WOMEN'S, MISSES' AND JUNIORS' SUITS				
2337211	Suits, excluding ski, snow, slack, and uniform suits.....	Unit			
	Suits, tailored uniform				
2337215	Women's military uniform suits.....	Unit			
2337217	Women's non-military uniform suits.....	Unit			
23373--	WOMEN'S, MISSES' AND JUNIORS' JACKETS, INCLUDING UNIFORM				
2337311	Women's, misses', and juniors' jackets, excluding leather.....	Dozen			
23374--	WOMEN'S, MISSES' AND JUNIORS' SEPARATE SKIRTS				
2337411	Women's, misses', and juniors' separate skirts.....	Dozen			

## NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)	(B)	Production from materials owned by you		Production on contract-- cut in this plant from materials owned by others (quantity) (H)
		Total cut by or for you		
		Quantity (D)	Net sales value (E)	
<b>INDUSTRY 2338 - WOMEN'S NECKWEAR AND SCARFS - MC-23A</b>				
23380--	NECKWEAR AND SCARFS - WOMEN'S AND MISSES' (EXCEPT FUR)			
2338011	Dickies.....	Dozen		
2338015	Scarfs and other neckwear.....	Dozen		
<b>INDUSTRY 2339 - WOMEN'S, MISSES', AND JUNIORS' OUTERWEAR, N.E.C. - MC-23A</b>				
22531--	SWEATERS, JACKETS, JERSEYS, PULLOVERS, AND SACQUES (SEE ALSO INDUSTRY 2253) <sup>1</sup>			
	Women's, misses', and juniors'			
	Pullover sweaters and jerseys			
2253131	All wool.....	Dozen		
2253135	All nylon.....	Dozen		
2253137	Made from other yarns.....	Dozen		
	Coat and cardigan sweaters			
2253141	All wool.....	Dozen		
2253145	All nylon.....	Dozen		
2253147	Made from other yarns.....	Dozen		
22532--	KNIT OUTERWEAR SPORT SHIRTS (SEE ALSO INDUSTRY 2253) <sup>1</sup>			
2253231	Women's, misses', and juniors' shirts, polo, tennis, basque, T, sweat, and other knit shirts.....	Dozen		
22533--	SWIMWEAR, INCLUDING ATHLETIC SHORTS			
	Women's, misses', and juniors'			
2253331	Knit bathing suits (See also Industry 2253) <sup>1</sup>	Dozen		
	Woven fabric bathing suits <sup>2</sup>			
2253333	Elastic fabric.....	Dozen		
2253335	Other than elastic.....	Dozen		
23390--	OTHER WOMEN'S, MISSES' AND JUNIORS' OUTERWEAR			
	Women's, misses', and juniors' play garments			
2339011	Playsuits, pedal pushers, and short overalls.....	Dozen		
2339013	Playsuits.....	Dozen		
2339015	Dungarees and jeans.....	Dozen		
2339017	Other play garments, including halters.....	Dozen		
2339021	Overalls, coveralls, one-piece work suits and overalls with jackets.....	Dozen		
2339031	Ski and snow suits.....	Dozen		
2339041	Ski and snow pants and leggings.....	Dozen		
2339051	Slack suits.....	Dozen		
2339061	Slacks, including work slacks.....	Dozen		

<sup>1</sup> Classify in industry 2339, if plant produces knit outwear primarily from purchased knit fabric.<sup>2</sup> Classify in industry 2339.

MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)	(B)	Production from materials owned by you		Production on contract-- cut in this plant from materials owned by others (quantity) (H)
		Total cut by or for you		
		Quantity (D)	Net sales value (E)	
<b>INDUSTRY 2341 - WOMEN'S AND CHILDREN'S UNDERWEAR AND NIGHTWEAR - MC-23A</b>				
23411--	WOMEN'S, MISSES', CHILDREN'S AND INFANTS' UNDERWEAR			
	Underwear made from woven fabrics			
	Women's, misses', and juniors'			
2341111	Slips and gertrudes.....	Dozen		
2341115	Petticoats and half-slips.....	Dozen		
2341117	Panties, drawers, and bloomers.....	Dozen		
	Girls' and teen-age girls' (sizes 2-16)			
2341121	Slips, gertrudes, half-slips, and petticoats.....	Dozen		
2341126	Panties, drawers, and bloomers.....	Dozen		
2341127	Toddlers' and infants' slips and gertrudes (sizes 0-3)....	Dozen		
	Underwear made from circular knit cotton and/or wool fabrics (See also Industry 2254) <sup>1</sup>			
	Women's, misses, and juniors'			
	Panties and bloomers			
2341131	Tuckstitch.....	Dozen		
2341132	Other than tuckstitch.....	Dozen		
2341133	Vests, undershirts and stepins.....	Dozen		
2341134	Union suits, heavyweight and lightweight.....	Dozen		
	Girls' and children's (sizes 2-16)			
2341136	Panties and bloomers.....	Dozen		
2341137	Vests and undershirts.....	Dozen		
2341138	Union suits including waist suits, heavyweight and light weight.....	Dozen		
	Infants' underwear			
2341141	Vests, skirts, and bands.....	Dozen		
2341142	Panties.....	Dozen		
2341149	Other circular knit cotton and/or wool underwear.....	Dozen		
	Underwear made from circular knit silk, rayon, nylon and other synthetic fabrics (See also Industry 2254) <sup>1</sup>			
	Women's, misses, and juniors'			
2341151	Panties and bloomers.....	Dozen		
2341152	Vests, undershirts, and stepins.....	Dozen		
2341153	Slips and gertrudes.....	Dozen		
2341157	Petticoats and half-slips.....	Dozen		
2341159	Other underwear.....	Dozen		
	Girls', children's, and infants'			
2341161	Panties and bloomers.....	Dozen		
2341163	Vests and undershirts.....	Dozen		
2341169	Other underwear.....	Dozen		
	Underwear made from warp knit fabrics (See also Industry 2254) <sup>1</sup>			
	Women's, misses', and juniors'			
	Panties and bloomers			
2341171	Chiefly nylon.....	Dozen		
2341172	Chiefly rayon and acetate.....	Dozen		
	Vests, undershirts, and stepins			
2341173	Chiefly nylon.....	Dozen		
2341174	Chiefly rayon and acetate.....	Dozen		
	Slips and gertrudes			
2341175	Chiefly nylon	Dozen		
2341176	Chiefly rayon and acetate.....	Dozen		
	Petticoats and half-slips			
2341177	Chiefly nylon.....	Dozen		
2341178	Chiefly rayon and acetate.....	Dozen		
	Girls', children's, and infants' underwear			
2341181	Panties and bloomers.....	Dozen		
2341185	Other warp knit underwear.....	Dozen		



## MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)	(B)	Production from materials owned by you		Production on contract--cut in this plant from materials owned by others (quantity) (H)
		Total cut by or for you		
		Quantity (D)	Net sales value (E)	
INDUSTRY 2341 - WOMEN'S AND CHILDREN'S UNDERWEAR AND NIGHTWEAR MC-23A--Con.				
23412--	WOMEN'S, MISSES', CHILDREN'S, AND INFANTS' NIGHTWEAR			
	Nightwear made from woven fabrics			
	Women's, misses', and juniors' woven nightwear			
2341211	Nightgowns.....	Dozen		
2341213	Sleeping pajamas.....	Dozen		
2341215	Bed jackets and shoulderettes, woven.....	Dozen		
2341217	Negligees, woven, women's, misses' and juniors'.....	Dozen		
	Girls' and teen-age girls' woven nightwear (sizes 8-16)			
2341221	Nightgowns.....	Dozen		
2341223	Sleeping pajamas.....	Dozen		
	Children's woven nightwear (sizes 2-8)			
2341231	Nightgowns.....	Dozen		
2341235	Sleeping pajamas.....	Dozen		
	Toddlers' and infants' woven nightwear (sizes 1-4)			
2341241	Nightgowns and kimonos.....	Dozen		
2341245	Sleeping pajamas.....	Dozen		
	Nightwear made from knit fabrics, including bed jackets (See also Industry 2254) <sup>1</sup>			
2341251	Bed jackets and shoulderettes, knit.....	Dozen		
	Women's, misses', and juniors' nightwear made from circular knit fabrics			
2341261	Chiefly cotton and/or wool.....	Dozen		
2341265	Chiefly silk, rayon, and other synthetic fabrics.....	Dozen		
2341267	Girls', children's, and infants' circular knit nightwear from silk, rayon, and other synthetic fabrics.....	Dozen		
	Women's, misses, and juniors' nightwear made from warp knit fabrics			
2341271	Chiefly nylon.....	Dozen		
2341273	Chiefly rayon and acetate.....	Dozen		
2341279	All other fabrics.....	Dozen		
2341280	Girls', children's, and infants' warp knit nightwear.....	Dozen		
	Children's and infants' nightwear made from circular cotton and/or wool knit fabrics (sizes 0-8) (see also industry 2341) <sup>1</sup> .....	Dozen		
2341281	Heavyweight sleeping garments made with feet.....	Dozen		
2341289	Other nightwear, including gowns and kimonos.....	Dozen		
<sup>1</sup> Classify in Industry 2341, if plant produces knit products primarily from purchased knit fabric.				
INDUSTRY 2342 - CORSETS AND ALLIED GARMENTS - MC-23A				
23421--	BRASSIERES AND BANDEAUX			
2342111	Brassieres and bandeaux.....	Dozen		
23422--	CORSETS, GIRDLES, ROLL-ONS, AND GARTER BELTS			
2342211	Corsets (back-laced and front-laced).....	Dozen		
2342231	Girdles (front-clasp, side-hooked, and zipper).....	Dozen		
2342251	Roll-ons.....	Dozen		
2342271	Garter belts.....	Dozen		
23423--	COMBINATIONS AND MATERNITY CORSETS, AND CORSET ACCESSORIES			
2342311	Combinations and one-piece garments.....	Dozen		
2342331	Surgical and maternity corsets and combinations.....	Dozen		
2342351	Corset accessories (clasps, stays, etc.).....	Dollars		





## MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)	(B)	Production from materials owned by you		Production on contract--cut in this plant from materials own by others (quantity) (H)
		Total cut by or for you		
		Quantity (D)	Net sales value (E)	
INDUSTRY 2363 - CHILDREN'S AND INFANTS' COATS - MC-23A				
23630--				
2363011				
2363015				
2363017				
2363021				
2363023				
2363025				
2363027				
2363031				
2363033				
2363035				
2363037				
2363041				
2363045				
2363051				
2363071				
2363073				
2363075				

MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)	Unit of measure (B)	Production from materials owned by you		Production on contract-- cut in this plant made from materials owned by others (quantity) (H)
		Total cut by or for you (quantity) (D)	Net sales value (E)	
INDUSTRY 2369 - GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR, N.E.C. - MC-23A				
22531--				
SWEATERS, JACKETS, JERSEYS, PULLOVERS AND SACQUES (SEE ALSO INDUSTRY 2253) <sup>1</sup>				
Girls' and teen-age girls' sweaters and jerseys (sizes 7-16)				
2253151	Dozen			
2253155	Dozen			
2253157	Dozen			
Made from other yarns.....				
Children's sweaters (sizes 2-8)				
2253161	Dozen			
2253167	Dozen			
Made from other yarns.....				
Infants' sweaters and sacques (sizes 0-3)				
2253171	Dozen			
2253177	Dozen			
Made from other yarns.....				
22532--				
KNIT OUTERWEAR SPORT SHIRTS (SEE ALSO INDUSTRY 2253) <sup>1</sup>				
2253241	Dozen			
2253251	Dozen			
Girls' and teen-age girls' (sizes 7-16).....				
Children's and infants' (sizes 1-6X).....				
22533--				
SWIMWEAR, INCLUDING ATHLETIC SHORTS				
Girls' and teen-age girls' (sizes 7-16)				
2253341	Dozen			
2253345	Dozen			
Knit bathing suits (See also Industry 2253) <sup>1</sup> .....				
Woven fabric bathing suits <sup>2</sup> .....				
Children's and infants' (sizes 1-8)				
2253351	Dozen			
2253355	Dozen			
Knit swimwear and trunks (See also Industry 2253) <sup>1</sup> .....				
Woven fabric swimwear and trunks <sup>2</sup> .....				
23690--				
GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR, N.E.C. (SEE ALSO INDUSTRY 2253) <sup>1</sup>				
2369015	Dozen			
Aprons, smocks, hoovers, swirls, and pinafore aprons, all fabrics, (except rubber, plastic and rubberized fabric).....				
Dungarees and jeans				
2369021	Dozen			
2369023	Dozen			
Girls' and teen-age girls' (sizes 7-16).....				
Children's (sizes 2-8).....				
Slacks				
2369024	Dozen			
2369025	Dozen			
2369027	Dozen			
2369041	Dozen			
Girls' and teen-age girls' slacks (sizes 7-16).....				
Children's slacks, including dress shorts (sizes 2-6X).....				
Slack suits, girls', teen-age girls', and children's (sizes 2-16)				
Neckwear, including mufflers and scarfs.....				
Playsuits, sunsuits, playshorts, wash suits, overalls, and coveralls, except dungarees and jeans				
2369051	Dozen			
2369052	Dozen			
2369053	Dozen			
Girls' and teen-age girls' play garments, woven fabric (sizes 7-16)				
Children's and infants' overalls, knit fabric (sizes 0-8) <sup>1</sup> .....				
Children's play garments of woven fabric, excluding wash suits (sizes 2-8).....				
2369054	Dozen			
Children's and infants' play garments, pantie suits, knit fabric (sizes 0-8) <sup>1</sup> .....				
2369055	Dozen			
Toddlers' play garments of woven fabric, excluding wash suits (sizes 1-4).....				
2369056	Dozen			
Creepers and rompers, including crawler-type overalls and coveralls, woven fabric (sizes 0-2).....				
2369057	Dozen			
2369058	Dozen			
2369061	Dozen			
2369062	Doz. prs.			
2369063	Doz. prs.			
2369064	Dozen			
Infants' creepers and rompers, knit fabric (sizes 0-3) <sup>1</sup> .....				
Wash suits of woven fabric, toddlers' (sizes 1-4).....				
Buntings.....				
Bootees, knit fabric, infants' (sizes 0-3) <sup>1</sup> .....				
Leggings, knit fabric, infants' <sup>1</sup> .....				
Sacques (sizes 0-3), woven fabrics.....				
Headwear				
2369065	Dozen			
2369067	Dozen			
Children's and infants' woven fabric headwear.....				
Children's and infants' knit headwear <sup>1</sup> .....				
Skirts				
2369071	Dozen			
2369073	Dozen			
Girls', and teen-age girls' (sizes 7-16).....				
Children's and toddlers' (sizes 1-6X).....				
Robes, including bathrobes, lounging robes, dressing gowns, beach robes, and kimonos, woven fabric				
2369081	Dozen			
2369083	Dozen			
2369085	Dozen			
2369087	Dozen			
Girls' and teen-age girls', excluding tufted (sizes 7-16).....				
Children's and infants' robes, excluding tufted (sizes 0-8).....				
Girls', teen-age girls', and children's tufted robes.....				
Infants' kimonos (sizes 0-1).....				

<sup>1</sup>Classify in Industry 2369, if plant produces knit products from purchased knit fabric.

<sup>2</sup>Classify in Industry 2369.



NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES  
 MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 2371 - FUR GOODS - MC-23C</b>			
23710--	FUR COATS, CAPES, JACKETS, NECKPIECES, AND OTHER FUR GOODS		
	Fur wearing apparel		
2371011	Fur coats and capes 32 inches or more in length.....	Number	
2371013	Fur jackets, coats, and capes less than 32 inches in length.....	Number	
2371021	Fur neckpieces (including scarfs, ascots, boas, etc.).....	Number	
2371029	All other fur wearing apparel.....	Dollars	
2371031	Fur trimmings (including collars) made for sale.....	Dollars	
2371051	Fur plates.....	Dollars	
2371098	Other fur products (including reconditioning of fur coats)(Specify kind and unit of measure)		
	.....		
	.....		
<b>INDUSTRY 2381 - DRESS AND SEMI-DRESS GLOVES AND MITTENS (FABRIC, FABRIC AND LEATHER COMBINED) - MC-23D</b>			
23810--	DRESS AND SEMI-DRESS GLOVES AND MITTENS, EXCEPT ALL LEATHER (SEE ALSO INDUSTRY 2255) <sup>1</sup>		
	Textile, knit, and knitted fabric		
	Men's and boys'		
	Seamed fingered gloves		
2381011	50% or more wool content.....	Dozen pairs	
2381013	Cotton.....	Dozen pairs	
2381015	Rayon and acetate.....	Dozen pairs	
2381017	Nylon.....	Dozen pairs	
2381019	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
	Seamless gloves		
2381021	50% or more wool content.....	Dozen pairs	
2381023	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
	Seamless mittens		
2381025	50% or more wool content.....	Dozen pairs	
2381027	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
	Women's and misses'		
	Seamed fingered gloves		
2381031	50% or more wool content.....	Dozen pairs	
2381033	Cotton.....	Dozen pairs	
2381035	Rayon and acetate.....	Dozen pairs	
2381037	Nylon.....	Dozen pairs	
2381039	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
	Seamless gloves		
2381041	50% or more wool content.....	Dozen pairs	
2381043	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
	Seamless mittens		
2381045	50% or more wool content.....	Dozen pairs	
2381047	Other (Specify fiber)		
	.....	Dozen pairs	
	.....	Dozen pairs	
2381051	Children's.....	Dozen pairs	
2381055	Infants'.....	Dozen pairs	
	Leather and fabric combination <sup>2</sup>		
2381061	Men's and boys'.....	Dozen pairs	
2381071	Women's, misses', and children's.....	Dozen pairs	
2381081	Woven fabric <sup>2</sup> .....	Dozen pairs	

<sup>1</sup>Classify in Industry 2381, if plant produces knit products primarily from purchased knit fabric.

<sup>2</sup>Classify in Industry 2381.



MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2382 - WORK GLOVES AND MITTENS (FABRIC, FABRIC AND LEATHER COMBINED)- MC-23D				
23820--	WORK GLOVES AND MITTENS, EXCEPT ALL LEATHER OR RUBBER			
	Work gloves and mittens, fabric, fabric and leather combined			
2382011	Leather and fabric combination.....	Dozen pairs		
2382021	Canton flannel, except hot mill and husking.....	Dozen pairs		
2382031	Fleeced cotton jersey (See also Industry 2255) <sup>1</sup> .....	Dozen pairs		
2382041	Lightweight circular-knit (See also Industry 2255) <sup>1</sup> .....	Dozen pairs		
2382051	Hot mill.....	Dozen pairs		
2382061	Husking.....	Dozen pairs		
2382071	Terry cloth (See also Industry 2255) <sup>1</sup> .....	Dozen pairs		
2382098	Other textile work gloves and mittens (Specify kind)			
	.....	Dozen pairs		
	.....	Dozen pairs		

<sup>1</sup>Classify in Industry 2382, if plant produces knit products primarily from purchased knit fabric.

		Unit of measure (B)	Production from materials owned by you		Production on contract-- cut in this plant from materials owned by others (quantity) (H)
			Total cut by or for you		
			Quantity (D)	Net sales value (E)	
INDUSTRY 2383 - SUSPENDERS, GARTERS AND RELATED PRODUCTS - MC-23A					
23830--	SUSPENDERS, GARTERS, HOSE SUPPORTERS, AND RELATED PRODUCTS				
2383011	Suspenders.....	Dozen			
	Garters, hose supporters, and arm bands				
2383031	Men's and boys'.....	Dozen			
2383051	Women's, children's, and infants'.....	Dozen			
INDUSTRY 2384 - ROBES AND DRESSING GOWNS - MC-23A					
23841--	ROBES AND DRESSING GOWNS, MEN'S, BOYS', AND WOMEN'S, EXCEPT CHILDREN'S				
2384111	Men's and boys' robes, including smoking jackets.....	Dozen			
2384151	Women's, misses', and juniors' tufted robes.....	Dozen			
2384155	Women's, misses', and juniors' robes, excluding tufted.....	Dozen			
23842--	BREAKFAST COATS, BRUNCH COATS, HOUSECOATS, AND LOUNGING PAJAMAS				
	Women's, misses', and juniors'				
2384211	Breakfast coats, brunch coats, and housecoats, excluding robes and negligees.....	Dozen			
2384251	Lounging pajamas.....	Dozen			

## MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)	(B)	Production from materials owned by you		Production on contract-- cut in this plant from materials owned by others (quantity) (H)
		Total cut by or for you		
		Quantity (D)	Net sales value (E)	
INDUSTRY 2385 - RAINCOATS AND OTHER WATERPROOF OUTER GARMENTS - MC-23A				
23850--	WATERPROOF AND WATER-REPELLENT RAINCOATS AND OTHER WATERPROOF OUTER GARMENTS			
	Raincoats and raincoapes			
	Men's and boys'			
2385011	Plastic.....	Dozen		
2385012	Resin-coated.....	Dozen		
2385013	Rubberized (See also Industry 3099) <sup>1</sup> .....	Dozen		
2385015	Cotton gabardine, twill, and poplin (not coated).....	Dozen		
2385017	Oiled fabric.....	Dozen		
2385019	Other fabrics (Specify kind) .....	Dozen		
	.....	Dozen		
	.....	Dozen		
	Women's, misses', and juniors'			
2385051	Plastic.....	Dozen		
2385052	Resin-coated.....	Dozen		
2385053	Rubberized (See also Industry 3099) <sup>1</sup> .....	Dozen		
2385055	Cotton gabardine, twill, and poplin (not coated).....	Dozen		
2385057	Rayon.....	Dozen		
2385059	Other fabrics (Specify kind) .....	Dozen		
	.....	Dozen		
	.....	Dozen		
2385061	Girls', teen-age girls', and children's (sizes 2-16) (See also Industry 3099) <sup>1</sup> .....	Dozen		
2385071	Baby pants, plastic and rubberized (See also Industry 3099) <sup>1</sup> ....	Dozen		
2385075	Dress shields, plastic and rubberized (See also Industry 3099) <sup>1</sup> . Aprons, smocks, and bibs, plastic and rubberized (See also Industry 3099) <sup>1</sup>	Dozen		
2385077	Women's, misses', and juniors'.....	Dozen		
2385078	Girls', children's, and infants'.....	Dozen		
2385081	Bathing and shower caps, plastic.....	Gross		
2385098	Other waterproof garments, except oil, rubber, or plastic (Specify kind) .....	Dozen		
	.....	Dozen		
	.....	Dozen		
3099553	Baby pants, rubber (See also Industry 3099) <sup>1</sup> .....	Dozen		
<sup>1</sup> Classify in Industry 2385, if plant produces waterproof garments primarily from purchased rubber or rubberized fabric.				
INDUSTRY 2386 - LEATHER AND SHEEP-LINED CLOTHING - MC-23A				
23860--	LEATHER AND SHEEP-LINED CLOTHING			
	Men's			
2386011	Leather coats and jackets.....	Dozen		
2386015	Sheep-lined, excluding leather coats and jackets.....	Dozen		
	Boys' (sizes 4-20)			
2386031	Leather coats and jackets.....	Dozen		
2386035	Sheep-lined, excluding leather coats and jackets.....	Dozen		
2386051	Women's, misses', and juniors' leather jackets and coats.....	Dozen		
2386061	Girls', teen-age girls', and children's leather jackets and coats (sizes 2-16).....	Dozen		

MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)	(B)	Production from materials owned by you		Production on contract-- cut in this plant from materials owned by others (quantity) (H)
		Total cut by or for you		
		Quantity (D)	Net sales value (E)	
<b>INDUSTRY 2387 - BELTS - MC-23A</b>				
23871--	LEATHER BELTS (MADE FOR SALE SEPARATELY)			
2387111	Women's and children's leather belts.....	Dozen		
2387151	Men's and boys' leather belts.....	Dozen		
23872--	BELTS, OTHER THAN LEATHER			
2387211	Women's and children's belts, except leather.....	Dozen		
2387251	Men's and boys' belts, except leather.....	Dozen		
<b>INDUSTRY 2388 - HANDKERCHIEFS - MC-23A</b>				
23880--	HANDKERCHIEFS, EXCEPT EMBROIDERED			
	Men's and boys'			
2388011	Cotton.....	Dozen		
2388013	Linen.....	Dozen		
2388015	Other fabrics.....	Dozen		
	Women's and children's			
2388051	Cotton.....	Dozen		
2388053	Linen.....	Dozen		
2388055	Other fabrics.....	Dozen		
<b>INDUSTRY 2389 - APPAREL, NOT ELSEWHERE CLASSIFIED - MC-23A</b>				
23890--	APPAREL, N.E.C.			
2389011	Academic gowns and caps.....	Dozen		
2389051	Costumes, including theatrical.....	Dozen		
2389098	Other apparel, n.e.c. (Specify kind, size, range, and sex)			
	.....	Dozen		
	.....	Dozen		

NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES  
MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2391 - CURTAINS AND DRAPERIES - MC-23E				
23910--	CURTAINS AND DRAPERIES, EXCEPT LACE			
	Window curtains, excluding lace curtains			
2391011	Wholly or chiefly cotton.....	Pairs or sets		
2391015	Plastic.....	Pairs or sets		
2391019	Other (Specify material)			
	.....	Pairs or sets		
	.....	Pairs or sets		
	Draperies			
2391051	Wholly or chiefly cotton.....	Pairs or sets		
2391053	Plastics.....	Pairs or sets		
2391059	Other (Specify material and list each kind of material separately)			
	.....	Pairs or sets		
	.....	Pairs or sets		
INDUSTRY 2392 - HOUSEFURNISHINGS, N.E.C. - MC-23E				
23921--	BEDSPREADS AND BED SETS			
2392121	Bedspreads, tufted.....	Number		
	Bedspreads and bed sets, Jacquard-woven			
2392151	Wholly or chiefly cotton.....	Number		
2392159	Other (Specify material)			
	.....	Number		
	.....	Number		
	Bedspreads and bed sets, other than Jacquard-woven			
2392171	Wholly or chiefly cotton.....	Number		
2392179	Other (Specify material)			
	.....	Number		
	.....	Number		
23922--	SHEETS AND PILLOW CASES			
2392211	Sheets.....	Dozens		
2392251	Pillowcases.....	Dozens		
23923--	TOWELS AND WASH CLOTHS (NOT MADE IN KNITTING MILLS) <sup>1</sup>			
	Towels			
2392311	Terry-woven.....	Dozens		
2392321	Huck.....	Dozens		
2392331	Plain and twill-woven (including dish towels).....	Dozens		
2392341	Other towels (Specify kind)			
	.....	Dozens		
	.....	Dozens		
2392351	Washcloths.....	Dozens		



MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2392 - HOUSEFURNISHINGS, N.E.C. - MC-23E--Continued				
23924--	OTHER HOUSEFURNISHINGS			
	Shower bath curtains			
2392411	Plastic (unsupported film).....	Number		
2392415	Other, including coated fabrics.....	Number		
	Comforters and wadded quilts			
2392421	Feather or down.....	Number		
2392429	Other (Specify kind)			
	.....	Number		
	.....	Number		
	Quilted products			
2392431	Mattress protectors.....	Number		
2392435	Baby pads.....	Number		
2392439	Other (Specify kind)			
	.....	Dollars		
	.....	Dollars		
	Tablecloths, napkins, and related articles, except lace			
2392441	Tablecloths.....	Number		
2392445	Napkins.....	Dozen		
2392449	Other table and dresser covers and scarfs, table doilies and mats, tray cloths, table sets (luncheon, bridge, and similar) and related articles, except lace..	Dollars		
	Pillows, excluding foam rubber			
2392451	Bed pillows, excluding foam rubber pillows.....	Number		
2392459	Fancy pillows and cushions.....	Number		
	Miscellaneous textile house furnishings, except embroidered			
	Slip covers			
2392461	Furniture.....	Thousands		
2392465	Mattress.....	Thousands		
2392469	Other (Specify kind)			
	.....	Thousands		
	.....	Thousands		
	Mops and dusters			
2392471	Dry mops and dusters.....	Thousands		
2392473	Wet mops.....	Thousands		
2392475	Sponge mops.....	Thousands		
2392481	Laundry and wardrobe bags.....	Thousands		
2392498	All other housefurnishings, except embroidered (Specify kind)			
	.....	Dollars		
	.....	Dollars		

<sup>1</sup>Knit towels, washcloths, and dishcloths made in Knitting mills are listed on Form MC-22D and assigned product codes in Industry 2259.

INDUSTRY 2393 - TEXTILE BAGS - MC-23E

23930--	TEXTILE BAGS, EXCEPT LAUNDRY AND WARDROBE BAGS			
	Textile bags, except laundry and wardrobe bags			
2393011	Cotton.....	M lin. yds.		
2393031	Burlap.....	M lin. yds.		
2393098	Other bags (Specify kind)			
	.....	M lin. yds.		
	.....	M lin. yds.		

INDUSTRY 2394 - CANVAS PRODUCTS - MC-23E

23940--	CANVAS PRODUCTS			
2394011	Painted awning stripes.....	M yds.		
	Canvas products			
2394021	Awnings.....	Number		
2394031	Tents.....	Number		
2394041	Sails.....	Number		
2394051	Tarpaulin covers for trucks, boats, etc.....	Number		
2394098	Other canvas products (Specify kind)			
	.....	Dollars		
	.....	Dollars		

INDUSTRY 2395 - TUCKING, PLEATING, AND HEMSTITCHING - MC-23F (THIS IS A SERVICE INDUSTRY AND NO MANUFACTURED PRODUCT CODES APPLY. SEE APPENDIX CODE 9323950)

MAJOR GROUP 23 - APPAREL AND OTHER FABRICATED TEXTILE PRODUCTS--Continued

(A)	(B)	Total, sum of columns (F) and (G) (E)	Value of shipments f.o.b. plant of goods made from your own materials		Receipts for contract and commission work on materials owned by others (H)
			Manufactured in this plant (F)	Manufactured in plants of your contractors (G)	
INDUSTRY 2396 - TRIMMINGS, STAMPED ART GOODS, AND ART NEEDLEWORK - MC-23F					
23960--	TRIMMINGS, STAMPED ART GOODS, AND ART NEEDLEWORK				
	Trimmings				
2396011	Women's and children's apparel findings and trimmings.	Dollars			
2396015	Automobile and furniture.....	Dollars			
2396019	Other (Specify kind)	Dollars			
	.....	Dollars			
	Bias binding	Dollars			
2396031	For the apparel trades.....	Dollars			
2396035	For the notion trade.....	Dollars			
2396051	Stamped art goods for embroidering and punching.....	Dollars			
INDUSTRY 2397 - SCHIFFLI-MACHINE EMBROIDERIES - MC-23F					
23970--	SCHIFFLI-MACHINE EMBROIDERIES				
	Schiffli-machine embroideries				
2397011	Handkerchiefs.....	Dollars			
2397051	Embroidery on yard goods.....	Dollars			
2397098	Other schiffli-machine work.....	Dollars			
INDUSTRY 2398 - EMBROIDERIES, EXCEPT SCHIFFLI-MACHINE - MC-23F					
23980--	EMBROIDERIES, EXCEPT SCHIFFLI-MACHINE				
	Embroideries (except schiffli-machine products)				
2398011	Bonnaz and Cornely products.....	Dollars			
	Swiss-loom products				
2398051	Handkerchiefs.....	Dollars			
2398059	Other.....	Dollars			
2398098	Other embroidery products include hand embroidery (Specify kind)	Dollars			
	.....	Dollars			
	.....	Dollars			
			(B)	(D)	(E)
INDUSTRY 2399 - FABRICATED TEXTILE PRODUCTS, N.E.C. - MC-23E					
23990--	FABRICATED TEXTILE PRODUCTS, N.E.C.				
	Automobile seat covers				
2399011	Plastic and plastic combination.....	Sets			
2399015	Other.....	Sets			
2399021	Diapers.....	Dozen			
2399031	Sleeping bags.....	Number			
2399041	Flags, banners, and similar emblems.....	Dollars			
2399051	Badges, insignia, and similar emblems (textile).....	Dollars			
2399061	Powder puffs.....	Dozen			
2399098	All other fabricated textile products (Specify kind and unit of measure)				
	.....				
	.....				

MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE

(A)		(B)	(C)	(D)	(E)
INDUSTRY 2411 - LOGGING CAMPS AND LOGGING CONTRACTORS-MC-24A AND MC-24B					
24110--	LOGS, BOLTS, PULPWOOD, ETC.				
2411011	Logs and bolts.....	M. ft. (log scale)			
2411031	Pulpwood, originally scaled in cords.....	Std. cds. of 128 cubic ft. roughwood basis			
2411098	Other woods products (including poles, piling, hewn cross ties, hewn or round mine timbers, hewn mine ties, etc.).....	Dollars			
INDUSTRY 2421 - SAWMILLS AND PLANING MILLS, GENERAL (INCLUDES S.I.C. INDUSTRY 2429)-MC-24A AND MC-24B					
24211--	ROUGH LUMBER AND SAWED TIES				
2421111	Rough lumber (except railway cross ties and mine ties).....	M. bd. ft.			
2421131	Railway cross ties (sawed).....	M. bd. ft.			
2421151	Mine ties (sawed).....	M. bd. ft.			
24212--	DRESSED LUMBER, EXCLUDING FLOORING				
2421211	Dressed lumber (including ceiling, framing, partition, siding, matched and shiplapped lumber).....	M. bd. ft.			
24213--	HARDWOOD FLOORING				
2421311	Oak (25/32", 1/2", 3/8" T & G and EM and 5/16" square edge strip).....	M. bd. ft.			
2421315	Oak, block, parquetry, and plank.....	M. bd. ft.			
2421319	Oak, other.....	M. bd. ft.			
2421331	Maple, including strip, block, parquetry.....	M. bd. ft.			
2421351	Other hardwoods.....	M. bd. ft.			
24214--	SOFTWOOD FLOORING				
2421411	Softwood flooring.....	M. bd. ft.			
24215--	HARDWOOD FURNITURE DIMENSION STOCK (INCLUDE GLUED LAMINATES)				
2421511	Green or dried-rough, surfaced, or semi-fabricated.....	M. bd. ft. lbr. cons.			
24216--	OTHER HARDWOOD DIMENSION STOCK, EXCLUDE STRUCTURAL LAMINATES				
2421613	Textile machinery stock (bobbin, shuttle, etc.).....	M. bd. ft. lbr. cons.			
2421615	Other industrial dimension stock except structural laminates, (for handles; golf clubs; agricultural implement, railroad car, and vehicle parts; ladder parts; skis; gun stocks; brushes; etc.).....	M. bd. ft. lbr. cons.			
24217--	SOFTWOOD CUT STOCK				
2421711	Furniture cut stock.....	M. bd. ft.			
2421751	Industrial cut stock.....	M. bd. ft.			
24218--	OTHER GENERAL SAWMILL AND PLANING MILL PRODUCTS, N.E.C.				
2421811	Tobacco hogshead stock.....	M. bd. ft.			
2421813	Snow fence lath.....	M pieces			
2421819	Other sawmill products (Specify kind)	Dollars			
	.....	Dollars			
2421859	Other planing mill products (Specify kind)	Dollars			
	.....	Dollars			
	.....	Dollars			
24446--	BOX SHOOK: FRUIT, VEGETABLE, INDUSTRIAL, ETC. (SEE ALSO INDUSTRY 2444) <sup>1</sup>				
	Lumber				
2444611	For fruits and vegetables.....	M. bd. ft.			
2444615	For industrial and other uses.....	M. bd. ft.			
	Veneer				
2444631	For fruits and vegetables.....	M. bd. ft.			
2444633	For meat (other than canned).....	M. bd. ft.			
2444635	For poultry.....	M. bd. ft.			
2444637	For industrial and other uses.....	M. bd. ft.			
	Plywood				
2444651	For fruits and vegetables.....	M. bd. ft.			
2444653	For meat (other than canned).....	M. bd. ft.			
2444655	For poultry.....	M. bd. ft.			
2444657	For industrial and other uses.....	M. bd. ft.			



## MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE--Continued

(A)	(B)	(C)	(D)	(E)
<b>INDUSTRY 2421 - SAWMILLS AND PLANING MILLS, GENERAL - MC-24A AND MC-24B--Continued</b>				
2421X--	<b>PRODUCTION OF ROUGH LUMBER AND SAWED TIES</b>			
	Eastern species			
	Softwoods			
2421X11	Cedar, eastern red, northern white, and southern (Atlantic) white..	M. bd. ft.		
2421X12	Cypress, bald and pond.....	M. bd. ft.		
2421X13	Fir, balsam.....	M. bd. ft.		
2421X14	Hemlock, eastern.....	M. bd. ft.		
2421X15	Tamarack.....	M. bd. ft.		
2421X16	Pine, southern yellow.....	M. bd. ft.		
2421X17	Pine, eastern white, jack, and Norway (red).....	M. bd. ft.		
2421X18	Spruce.....	M. bd. ft.		
2421X19	Other softwoods (Specify kind)			
	.....	M. bd. ft.		
2421X1X	Total Eastern softwoods.....	M. bd. ft.		
	Hardwoods			
2421X21	Ash.....	M. bd. ft.		
2421X22	Basswood.....	M. bd. ft.		
2421X23	Beech.....	M. bd. ft.		
2421X24	Birch.....	M. bd. ft.		
2421X25	Cherry.....	M. bd. ft.		
2421X26	Cottonwood and Aspen (popple).....	M. bd. ft.		
2421X27	Elm.....	M. bd. ft.		
2421X28	Gum, black and tupelo.....	M. bd. ft.		
2421X29	Gum, sweet (red and sap).....	M. bd. ft.		
2421X30	Hickory.....	M. bd. ft.		
2421X31	Maple.....	M. bd. ft.		
2421X32	Oak.....	M. bd. ft.		
2421X33	Yellow-poplar.....	M. bd. ft.		
2421X34	Sycamore.....	M. bd. ft.		
2421X35	Walnut.....	M. bd. ft.		
2421X39	Other hardwoods (Specify kind)			
	.....	M. bd. ft.		
2421X2X	Total Eastern hardwoods.....	M. bd. ft.		
	Western species			
	Softwoods			
2421X41	Cedar, incense.....	M. bd. ft.		
2421X42	Cedar, Port Orford.....	M. bd. ft.		
2421X43	Cedar, western red.....	M. bd. ft.		
2421X44	Douglas-fir.....	M. bd. ft.		
2421X45	Fir, white and other western true firs.....	M. bd. ft.		
2421X46	Hemlock, western.....	M. bd. ft.		
2421X47	Larch.....	M. bd. ft.		
2421X48	Pine, lodgepole.....	M. bd. ft.		
2421X49	Pine, ponderosa (western yellow).....	M. bd. ft.		
2421X50	Pine, sugar.....	M. bd. ft.		
2421X51	Pine, western (Idaho) white.....	M. bd. ft.		
2421X52	Redwood.....	M. bd. ft.		
2421X53	Spruce, Englemann and blue.....	M. bd. ft.		
2421X54	Spruce, Sitka.....	M. bd. ft.		
2421X59	Other softwoods (Specify kind)			
	.....	M. bd. ft.		
2421X4X	Total Western softwoods.....	M. bd. ft.		
	Hardwoods			
2421X61	Alder.....	M. bd. ft.		
2421X62	Birch.....	M. bd. ft.		
2421X63	Cottonwood and Aspen (popple).....	M. bd. ft.		
2421X64	Maple.....	M. bd. ft.		
2421X65	Oak.....	M. bd. ft.		
2421X69	Other hardwoods (Specify kind)			
	.....	M. bd. ft.		
2421X6X	Total Western hardwood.....	M. bd. ft.		
	Foreign species, except Canadian			
2421X7X	Mahogany (Khaya and Swietenia).....	M. bd. ft.		
2421X8X	Other (Specify species and report them separately)			
	.....	M. bd. ft.		
2421XXX	Total production of rough lumber and sawed ties.....	M. bd. ft.		

<sup>1</sup>Classify in Industry 2421, if establishment primarily engaged in sawing box shooks from logs or bolts.



MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE--Continued

(A)	(B)	(C)	(D)	(E)
<b>INDUSTRY 2422 - VENEER MILLS - MC-24C</b>				
<b>24221-- HARDWOOD VENEER</b>				
2422111	Special and face types (including aircraft, marine, and technical use types), total.....	M sq. ft. sur. meas.		
2422131	Commercial and utility types, total.....	M sq. ft. sur. meas.		
2422151	Container type (wirebound, nailed veneer, basket, hamper, berry cup, till, etc., types).....	M sq. ft. sur. meas.		
2422171	Flat type (spoon, tongue depressor, match, woodenware, broom, splint, etc., types).....	M sq. ft. sur. meas.		
<b>24222-- SOFTWOOD VENEER</b>				
2422211	Plywood veneer, total.....	M sq. ft. 1" basis		
2422231	Container veneer, total.....	M sq. ft. 1" basis		
<b>2422X-- VENEER PRODUCTION</b>				
<b>Hardwood veneer</b>				
Special and face types (including aircraft, marine and technical use types):				
2422X11	Birch (domestic and imported).....	M sq. ft. sur. meas.		
2422X12	Gum, sweet (red and sap), black, and tupelo.....	M sq. ft. sur. meas.		
2422X13	Maple (domestic and imported).....	M sq. ft. sur. meas.		
2422X14	Oak.....	M sq. ft. sur. meas.		
2422X15	Walnut (domestic and imported).....	M sq. ft. sur. meas.		
2422X16	Yellow poplar.....	M sq. ft. sur. meas.		
2422X19	Domestic woods not listed.....	M sq. ft. sur. meas.		
2422X21	Mahogany (Khaya and Swietenia).....	M sq. ft. sur. meas.		
2422X23	Philippine woods.....	M sq. ft. sur. meas.		
2422X29	Imported woods not listed.....	M sq. ft. sur. meas.		
Commercial and utility types:				
2422X31	Birch (domestic and imported).....	M sq. ft. sur. meas.		
2422X32	Gum, sweet (red and sap), black, and tupelo.....	M sq. ft. sur. meas.		
2422X33	Maple (domestic and imported).....	M sq. ft. sur. meas.		
2422X34	Oak.....	M sq. ft. sur. meas.		
2422X35	Walnut (domestic and imported).....	M sq. ft. sur. meas.		
2422X36	Yellow poplar.....	M sq. ft. sur. meas.		
2422X39	Domestic woods not listed.....	M sq. ft. sur. meas.		
2422X41	Mahogany (Khaya and Swietenia).....	M sq. ft. sur. meas.		
2422X43	Philippine woods.....	M sq. ft. sur. meas.		
2422X49	Imported woods not listed.....	M sq. ft. sur. meas.		
2422X51	Container type (wireboard, nailed veneer, basket, hamper, berry cup, till, etc. types).....	M bd. ft.		
2422X57	Flat type (spoon, tongue depressor, match, woodenware, broom, splint, etc., types).....	M bd. ft.		
Softwood veneer:				
Plywood veneer				
2422X61	Douglas-fir.....	M sq. ft. 1" basis		
2422X63	Ponderosa pine.....	M sq. ft. 1" basis		
2422X65	Other western softwoods.....	M sq. ft. 1" basis		
2422X67	Eastern softwoods.....	M sq. ft. 1" basis		
Container veneer				
2422X71	Douglas-fir.....	M sq. ft. 1" basis		
2422X73	Ponderosa pine.....	M sq. ft. 1" basis		
2422X75	Other western softwoods.....	M sq. ft. 1" basis		
2422X77	Eastern softwoods.....	M sq. ft. 1" basis		
<b>INDUSTRY 2423 SHINGLES MILLS - MC-24A AND 24B</b>				
<b>24230-- SHINGLES AND SHAKES (INCLUDING STAINED AND GROOVED)</b>				
Produced in this establishment from logs and bolts				
2423011	Shingles, red cedar.....	Roof squares		
2423015	Shakes, red cedar.....	Side-wall squares		
2423019	Shingles and shakes other than red cedar.....	Squares		
2423051	Shakes produced from purchased shingles.....	Side-wall squares		

MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 2424 - COOPERAGE STOCKS MILLS - MC-24D					
24240--	COOPERAGE STOCK				
	Slack cooperage stock				
2424011	Staves.....	M staves			
2424021	Heading.....	M sets			
2424031	Hoops.....	M hoops			
	Tight cooperage stock				
2424051	Staves.....	M staves			
2424071	Heading.....	M sets			
2424X--	COOPERAGE STOCK PRODUCTION				
	Staves, slack cooperage				
2424X11	Softwoods.....	M staves			
2424X15	Hardwoods.....	M staves			
	Heading, slack cooperage				
2424X21	Softwoods.....	M sets			
2424X25	Hardwoods.....	M sets			
	Staves, tight cooperage				
2424X51	Softwoods.....	M staves			
2424X55	Oak.....	M staves			
2424X59	Other hardwoods.....	M staves			
	Heading				
2424X71	Softwoods.....	M sets			
2424X75	Oak.....	M sets			
2424X79	Other hardwoods.....	M sets			
INDUSTRY 2425 - EXCELSIOR MILLS - MC-24E					
24250--	EXCELSIOR PRODUCTS				
2425011	Shipments of excelsior, baled or bulk.....	Short tons			
2425051	Excelsior pads and wrappers.....	Dollars			
2425098	Other excelsior products (Specify kind)				
	.....	Dollars			
	.....	Dollars			
INDUSTRY 2429 - SPECIAL PRODUCT SAWMILLS, N.E.C. (COMBINED WITH CENSUS INDUSTRY 2421)					

MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE--Continued

	(A)	(B)	(D)	(E)
INDUSTRY 2431 - MILLWORK PLANTS - MC-24F				
24311--	WOOD WINDOWS, INCLUDING WINDOW UNITS, SASH, AND COMBINATION SCREEN AND STORM SASH - EXCLUDE WINDOW SCREENS:			
	Windows, sash, wood (including awning type and sash glazed with insulating glass)			
	Sash, other than storm sash (count double-hung window as two sash, include cellar and barn sash) (sash shipped in window units and included under window units below should be reported in code 2431X11)			
2431111	Knock-down (K.D.).....	Number		
2431113	Open.....	Number		
2431115	Glazed.....	Number		
2431131	Window units (including awning type).....	Number		
2431151	Combination screen and storm sash.....	Number		
2431171	Storm sash.....	Number		
24312--	WINDOW AND DOOR FRAMES, WOOD			
2431211	Window and door frames, wood (including cellar and barn window and door frames and door frames shipped in door units) (do not include window frames shipped in window units, which are included as part of the window units).....	Number		
24313--	DOORS, WOOD INCLUDING COMBINATION SCREEN AND STORM DOORS-EXCLUDE SCREEN DOORS			
	Doors, wood (including doors shipped in door units)			
	General construction, interior and exterior (including those with glazed sections)			
	Panel type (including French doors)			
2431311	Douglas-fir.....	Number		
2431313	Western pines.....	Number		
2431315	Other softwoods.....	Number		
2431317	Hardwoods.....	Number		
	Flush type			
	Hollow core			
2431331	Softwood faces.....	Number		
2431333	Hardwood faces.....	Number		
2431335	Nonwood faces (Specify material) .....	Number		
	.....	Number		
	Solid core			
	Softwood faces.....	Number		
2431341	Hardwood faces.....	Number		
2431343	Nonwood faces (Specify material) .....	Number		
2431345	.....	Number		
	.....	Number		
2431351	Combination screen and storm doors, wood.....	Number		
2431361	Garage doors, wood.....	No. of openings		
2431371	Other doors, wood (including storm, summer or louvre, and toilet doors) ..	Number		
24314--	CABINETWORK (TO BE BUILT IN)			
2431411	Cabinetwork, to be built in (such as panels, drawers, etc., to be built into kitchen cabinets, base units, broom closets, medicine cabinets, vegetable bins, mantels, china cases, etc.), exclude complete cabinets....	Dollars		
24315--	FINISHED WOOD MOULDING (INCLUDING WINDOW AND DOOR TRIM - EXCLUDING PICTURE FRAMES)			
2431511	Softwood.....	M bd. ft. lbr. cons.		
2431551	Hardwood.....	M bd. ft. lbr. cons.		
24316--	OTHER MILLWORK PRODUCTS			
2431611	Tanks and vats, wooden, except coopered.....	Dollars		
	Stairwork (including treads, risers, ballusters, brackets, crooks, newels, rails, etc.)			
2431621	Softwood.....	M bd. ft. lbr. cons.		
2431625	Hardwood.....	M bd. ft. lbr. cons.		
2431631	Exterior millwork (including porch columns, porch rails and newels, trellises, outside blinds, etc.).....	Dollars		
2431651	Exterior entrances.....	Number		
2431698	Other millwork products (Specify kind) .....	Dollars		
	.....	Dollars		
2431X11	SASH (INCLUDING AWNING TYPE) SHIPPED IN WINDOW UNITS.....	Number		



MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE--Continued

(A)	(B)	(C)	(D)	(E)
<b>INDUSTRY 2432 - PLYWOOD PLANTS - MC-24C</b>				
24321--	<b>HARDWOOD PLYWOOD</b>			
	Veneer core (excluding container and packaging type)			
2432111	Technical type and Type I waterproof.....	M sq. ft. sur. meas.		
2432115	Type II, moisture resistant.....	M sq. ft. sur. meas.		
2432117	Type III, dry bond.....	M sq. ft. sur. meas.		
	Lumber core (excluding container and packaging type)			
2432131	Technical type and Type I waterproof.....	M sq. ft. sur. meas.		
2432135	Type II, moisture resistant.....	M sq. ft. sur. meas.		
2432137	Type III, dry bond.....	M sq. ft. sur. meas.		
2432151	Container and packaging type.....	M sq. ft. sur. meas.		
24322--	<b>SOFTWOOD PLYWOOD, INTERIOR TYPE</b>			
2432211	Douglas-fir interior type.....	M sq. ft. 3/8" basis		
2432298	Other softwood plywood interior type (all other domestic softwoods, both western and eastern species, including southern yellow pine) (Specify species)			
	.....	M sq. ft. 3/8" basis		
	.....	M sq. ft. 3/8" basis		
24323--	<b>SOFTWOOD PLYWOOD, EXTERIOR TYPE</b>			
2432311	Douglas-fir exterior type.....	M sq. ft. 3/8" basis		
2432398	Other softwood plywood exterior type (all other domestic softwoods, both western and eastern species, including yellow pine) (Specify species)			
	.....	M sq. ft. 3/8" basis		
	.....	M sq. ft. 3/8" basis		
24324--	<b>NONWOOD FACE PLYWOOD AND OTHER PLYWOOD TYPE PRODUCTS</b>			
	Nonwood face plywood (Specify type of face such as paper, plastic, hardboard, metal, etc. and report separately)			
2432411	Hardwood plywood base			
	.....	M sq. ft. sur. meas.		
	.....	M sq. ft. sur. meas.		
2432415	Softwood plywood base			
	.....	M sq. ft. sur. meas.		
	.....	M sq. ft. sur. meas.		
	Paper or cloth faced and/or backed single ply veneer			
2432431	Hardwood veneer base.....	M sq. ft. sur. meas.		
2432435	Softwood veneer base.....	M sq. ft. sur. meas.		
2432498	Other plywood type products (including laminated panels, blocks of wood, veneer hardboards, and composite boards manufactured from wood waste or rough round wood by any of the "dry processes") (Specify product)			
	.....	Dollars		
	.....	Dollars		

MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE--Continued

(A)		Unit of measure (B)	Types of plywood produced based on CS35-49 (Exclude container and packaging types)			
			Technical and Type I waterproof (F)	Type II moisture resistant (G)	Type III dry bond (H)	Total all types (I)
INDUSTRY 2432 - PLYWOOD PLANTS-MC-24C--Continued						
2432X--	HARDWOOD PLYWOOD PRODUCTION					
	Hardwood plywood, except container and packaging type					
	Veneer core (classify by species of wood used on face of panel)					
2432X11	Birch (domestic and imported).....	M sq. ft. sur. meas.				
2432X12	Gum - sweet (red) and black (tupelo).....	M sq. ft. sur. meas.				
2432X13	Maple (domestic and imported).....	M sq. ft. sur. meas.				
2432X14	Oak.....	M sq. ft. sur. meas.				
2432X15	Walnut (domestic and imported).....	M sq. ft. sur. meas.				
2432X19	Domestic woods not listed.....	M sq. ft. sur. meas.				
2432X21	Mahogany (Khaya and Swietenia).....	M sq. ft. sur. meas.				
2432X23	Philippine woods.....	M sq. ft. sur. meas.				
2432X29	Imported woods not listed.....	M sq. ft. sur. meas.				
2432X1X	Total veneer core.....	M sq. ft. sur. meas.				
	Lumber core (classify by species of wood used on face of panel)					
2432X31	Birch (domestic and imported).....	M sq. ft. sur. meas.				
2432X32	Gum - sweet (red) and black (tupelo).....	M sq. ft. sur. meas.				
2432X33	Maple (domestic and imported).....	M sq. ft. sur. meas.				
2432X34	Oak.....	M sq. ft. sur. meas.				
2432X35	Walnut (domestic and imported).....	M sq. ft. sur. meas.				
2432X39	Domestic woods not listed.....	M sq. ft. sur. meas.				
2432X41	Mahogany (Khaya and Swietenia).....	M sq. ft. sur. meas.				
2432X43	Philippine woods.....	M sq. ft. sur. meas.				
2432X49	Imported woods not listed.....	M sq. ft. sur. meas.				
2432X3X	Total lumber core.....	M sq. ft. sur. meas.				
2432X81	Hardwood plywood Container and packaging type - production for all purposes (Quantity) (Column (C))....	M bd. ft.				
		Unit of measure (B)	Total shipments and interplant transfers			
			Quantity (D)	Value f.o.b. plant (omit cents) (E)		
INDUSTRY 2433 - PREFABRICATED WOOD PRODUCTS-MC-24F						
24331--	FABRICATED STRUCTURAL FRAMING AND WOOD LAMINATES					
2433111	Marine laminates.....	M bd. ft. lbr. cons.				
2433151	Fabricated framing for barns and other large farm buildings (including both sawn and glued laminated lumber).....	M bd. ft. lbr. cons.				
	Fabricated structural elements and framing for bridges, buildings (other than farm) and other structures.					
2433171	Of glue laminated lumber.....	M bd. ft. lbr. cons.				
2433173	Of sawn lumber.....	M bd. ft. lbr. cons.				
2433175	Of a combination of glued laminated and sawn lumber.....	M bd. ft. lbr. cons.				
24332--	PREFABRICATED BUILDINGS, WOOD					
	Prefabricated buildings, including portable types, complete units (in sections or panels)					
2433211	Dwellings.....	Number				
2433231	Garages.....	Number				
2433251	Farm buildings (livestock shelters, etc.)....	Number				
2433298	Other.....	Number				
24333--	READY CUT WOOD BUILDINGS AND PANELS OR SECTIONS FOR PREFABRICATED BUILDINGS					
	Ready cut buildings					
2433311	Dwellings.....	Number				
2433321	Garages.....	Number				
2433331	Farm buildings (livestock shelters, etc.)....	Number				
2433351	Other.....	Number				
2433371	Panels or sections for prefabricated buildings.	Number				

## NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 2441 - FRUIT AND VEGETABLE BASKETS-MC-24G					
24410--	FRUIT AND VEGETABLE BASKETS				
2441011	Hampers.....	Thousands			
2441021	Continuous stave baskets.....	Thousands			
2441031	Short stave baskets.....	Thousands			
2441041	Berry cups and tills.....	Thousands			
2441098	Other (including climax and splint baskets) (Specify kind)				
	.....	Thousands			
	.....	Thousands			
INDUSTRY 2442 - RATTAN AND WILLOW WARE, N.E.C.-MC-24G					
24420--	RATTAN AND WILLOW WARE, EXCEPT FURNITURE				
2442011	Baskets other than fruit or vegetable baskets (reed, rattan, willow, veneer or splint).....	Dollars			
2442098	Other rattan and willow ware products except furniture and baskets.....	Dollars			
INDUSTRY 2443 - CIGAR BOXES-MC-24G					
24430--	CIGAR BOXES, WOODEN AND PART WOODEN				
2443011	Cigar boxes, wooden and part wooden.....	M boxes			



MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE--Continued

(A)	(B)	(C)	(D)	Total shipments and interplant transfers		
				Value f.o.b. plant (omit cents)		
				Total shipments (sum of columns (H) and (I)) (E)	Made from shock produced at this plant (H)	Made from shock produced at other plants (I)
<b>INDUSTRY 2444 - WOODEN BOXES (EXCEPT CIGAR BOXES)- MC-24G</b>						
24441--	NAILED OR LOCK-CORNER BOXES MADE FROM LUMBER					
2444111	For fruits and vegetables.....	M bd. ft.				
2444131	For milk bottles and cartons.....	Number				
2444151	For industrial and other use.....	M bd. ft.				
24442--	NAILED OR LOCK-CORNER BOXES MADE FROM VENEER AND PLYWOOD					
2444211	For fruits and vegetables.....	M bd. ft.				
2444251	For industrial and other uses.....	M bd. ft.				
24443--	WIREBOUND BOXES MADE FROM LUMBER					
2444311	Wirebound boxes made from lumber.....	M containers				
24444--	WIREBOUND BOXES MADE FROM VENEER AND PLYWOOD					
2444411	For fruit and vegetable.....	M containers				
2444431	For meat (other than canned).....	M containers				
2444451	For poultry.....	M containers				
2444471	For industrial and other uses.....	M containers				
24445--	WOOD AND FIBER COMBINATION BOXES, AND TOBACCO HOGSHEADS					
2444511	Combination wood and fiber boxes.....	M containers				
2444521	Standard type (assembled from sawed staves and headings).....	Number				
2444525	Patent type (assembled from plywood and with a hinged head).....	Number				
24446--	BOX SHOOK: FRUIT, VEGETABLE, INDUSTRIAL, ETC. (SEE ALSO INDUSTRY 2421) <sup>1</sup>					
	Lumber					
2444611	For fruits and vegetables.....	M bd. ft.				
2444615	For industrial and other uses.....	M bd. ft.				
	Veneer					
2444631	For fruits and vegetables.....	M bd. ft.				
2444633	For meat (other than canned).....	M bd. ft.				
2444635	For poultry.....	M bd. ft.				
2444637	For industrial and other uses.....	M bd. ft.				
	Plywood					
2444651	For fruits and vegetables.....	M bd. ft.				
2444653	For meat (other than canned).....	M bd. ft.				
2444655	For poultry.....	M bd. ft.				
2444657	For industrial and other uses.....	M bd. ft.				

<sup>1</sup>Classify in Industry 2444, if plant primarily engaged in manufacturing box shoos from purchased lumber.

MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 2445 - COOPERAGE - MC-24D</b>				
24451--	<b>SLACK COOPERAGE</b>			
	Hogsheads, barrels, and kegs for--			
2445111	Food and food products.....	M units		
2445121	Chemicals.....	M units		
2445131	Hardware, wire, and metal products.....	M units		
2445141	Nails.....	M units		
2445151	Other products (Specify kind by end use)			
	.....	M units		
	.....	M units		
2445161	Recoopered used slack barrels and kegs.....	M units		
24452--	<b>TIGHT COOPERAGE</b>			
	Hogsheads, barrels, and kegs for--			
2445211	Bourbon and other whisky.....	M units		
2445215	Food and food products.....	M units		
2445217	Chemicals, inedible oils, and greases.....	M units		
2445221	Other products (Specify kind by end use)			
	.....	M units		
	.....	M units		
2445231	Tubs, pails, kits, buckets, firkins, etc.....	M units		
2445241	Recoopered used tight barrels, kegs, tubs, etc.....	M units		
<b>INDUSTRY 2491 - WOOD PRESERVING - MC-24H</b>				
24910--	<b>RECEIPTS FOR SALES AND TRANSFERS OF WOOD OWNED AND TREATED IN THIS ESTABLISHMENT</b>			
2491011	Receipts for sales and transfers of wood owned and treated in this establishment.	Dollars		
<b>INDUSTRY 2492 - LASTS AND RELATED PRODUCTS - MC-24J</b>				
24920--	<b>LASTS AND RELATED PRODUCTS</b>			
	Lasts for boots and shoes			
2492011	Wood.....	Pair		
2492015	Aluminum.....	Pair		
2492061	Related products (remodeled lasts; last sole patterns; and forms, shoes trees, and stretchers for boots and shoes).....	Dollars		
<b>INDUSTRY 2493 - MIRROR AND PICTURE FRAMES - MC-24K</b>				
24930--	<b>MIRROR AND PICTURE FRAMES</b>			
	Frames for mirrors and pictures			
2493011	Wood.....	Dollars		
2493015	Metal.....	Dollars		
2493021	Finished moldings for mirrors and pictures.....	M linear ft.		
2493051	Framed pictures.....	Dollars		

MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 2499 - WOOD PRODUCTS, N.E.C. - MC-24J</b>			
<b>24991-- HANDLES WOODEN</b>			
Hand tool handles			
2499111 Striking tool handles (axe, pick, hammer, etc.).....	M bd.ft.lbr.cons.		
2499115 Lifting and pulling tool handles (fork, hoe, rake, spade, shovel, etc.).	M bd.ft.lbr.cons.		
2499119 Other hand tool handles (peavey, scythe, shunt pole, cantbook, mechanics, farm, garden, household, etc.).....	M bd.ft.lbr.cons.		
2499151 Other handles (Specify kind) .....	M bd.ft.lbr.cons.		
.....	M bd.ft.lbr.cons.		
<b>24992-- FURNITURE PARTS, AND VEHICLE STOCK</b>			
2499211 Furniture parts except frames including hardwood furniture dimension completely fabricated ready for assembly.....			
2499251 Vehicle stock (body parts, rims, spokes, hubs, etc.).....	M bd.ft.lbr.cons.		
<b>24993-- WOODEN LADDERS, AND OTHER WOODEN SCAFFOLDING EQUIPMENT</b>			
2499311 Stepladders.....	M linear ft.		
2499331 Rung ladders (non-extension, extension, and scaffolding ladders).....	M linear ft.		
2499398 Other scaffolding equipment (horses, scaffold jacks, extension planks, window jacks, etc.).....	Dollars		
<b>24994-- OTHER WOOD PRODUCTS, N.E.C.</b>			
2499411 Wood novelties and specialties (bookends, ash trays, etc.).....	Dollars		
Woodenware			
2499421 Turned, shaped, or molded (dishes, serving forks, spoons, salad and mixing bowls, etc.).....	Dollars		
2499425 Flat veneer products (forks, spoons, plates, tongue depressors, applicators, etc.).....	Dollars		
2499431 Wooden reels for wire and cable.....	Dollars		
2499441 Battery separators, wooden.....	Thousands		
Toilet seats			
2499451 Wood.....	Number		
2499455 Other materials (Specify and report separately) .....	Number		
.....	Number		
2499461 Pallets, wooden.....	Number		
2499463 Pallets, wood and metal construction.....	Number		
2499465 Skids, wooden.....	Number		
2499467 Skids, wood and metal construction.....	Number		
2499471 Snow fence.....	M linear ft.		
2499481 Completely fabricated industrial dimensions.....	M bd.ft.lbr.cons.		
2499498 Miscellaneous wooden goods and turnings, not reported elsewhere (Specify kind) .....	Dollars		
.....	Dollars		



## MAJOR GROUP 25 - FURNITURE AND FIXTURES

(A)		(B)	(D)	(E)
INDUSTRY 2511 - WOOD HOUSE-FURNITURE, EXCEPT UPHOLSTERED - MC-25A				
25111--	WOOD RADIO, PHONOGRAPH, AND TV CABINETS			
2511111	Radio, phonograph, television, radio phonograph, and radio-phonograph-television cabinets.....	No. of units		
25112--	OTHER WOOD LIVING ROOM, LIBRARY, SUNROOM, AND HALL FURNITURE, INCLUDING SEWING MACHINE CABINETS, ETC:			
2511211	Sewing machine cabinets.....	No. of units		
2511219	Other cabinets (records, music, sewing, smoking, etc.).....	Dollars		
2511221	Settees, love seats, and benches.....	No. of units		
2511231	Chairs and rockers.....	No. of units		
2511241	Tables (all types).....	No. of units		
2511251	Desks.....	No. of units		
2511261	Secretaries and breakfronts.....	No. of units		
2511271	Credenzas, bookcases, and bookshelves.....	Dollars		
2511281	Card tables and chairs (folding and non-folding).....	Dollars		
2511298	Other non-upholstered living room furniture (bars, cellarets, magazine racks, smoking stands, ornamental screens, whatnots, hanging shelves, telephone tables and chairs, piano stools and benches, etc.) (Specify kind)	Dollars		
	.....	Dollars		
25113--	WOOD DINING, JUNIOR DINING, AND DINETTE FURNITURE			
2511311	Tables, 30 x 40 inches and greater.....	No. of units		
2511331	Chairs.....	No. of units		
2511351	Buffets and servers.....	No. of units		
2511371	China and corner cabinets.....	No. of units		
2511398	Other dining, junior dining, and dinette furniture (Specify kind)	Dollars		
	.....	Dollars		
25114--	WOOD KITCHEN FURNITURE, INCLUDING BREAKFAST SETS			
2511411	Complete kitchen cabinets, include complete cabinet assembled or unassembled, to be used as individual units or to be combined with other cabinets to form a built-in unit.....	Dollars		
2511431	Breakfast sets.....	No. of sets		
2511451	Chairs and stools (not sold with a set).....	No. of units		
2511471	Tables (not sold with a set) smaller than 30 x 40 inches.....	No. of units		
2511498	Other kitchen furniture (Specify kind)	Dollars		
	.....	Dollars		
25115--	WOOD BEDROOM FURNITURE, INCLUDING HEADBOARDS			
2511511	Beds (excluding headboards and headboard beds, bunk beds, cribs, cradles, and youth beds).....	No. of units		
2511513	Headboards and headboard beds.....	No. of units		
2511515	Bunk beds (excluding mattresses and detachable springs).....	No. of units		
2511521	Dressers, vanities, and dressing tables.....	No. of units		
2511531	Chests of drawers, wardrobes, chiffoniers, chifforobes, etc.....	No. of units		
2511541	Cedar chests.....	No. of units		
2511551	Chairs, rockers, benches, and chaise longues (excluding upholstered).....	No. of units		
2511598	Other bedroom furniture (including night tables but excluding items listed under "Bedding products") (Specify kind)	Dollars		
	.....	Dollars		
25116--	INFANTS' AND CHILDREN'S WOOD FURNITURE			
2511611	Cribs, including springs sold as part of the crib.....	No. of units		
2511621	Baby baths.....	No. of units		
2511631	High chairs, and combination feeding chair-tables.....	No. of units		
2511641	Play yards.....	No. of units		
2511651	Nursery seats and chairs.....	No. of units		
2511698	Other infants' and children's furniture (chairs, tables, wardrobes, cradles, youth beds, chests of drawers, etc.) (Specify kind)	Dollars		
	.....	Dollars		

MAJOR GROUP 25 - FURNITURE AND FIXTURES--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2511 - WOOD HOUSE-FURNITURE, EXCEPT UPHOLSTERED - MC-25A--Continued				
25117--	PORCH, LAWN, AND OTHER OUTDOOR WOOD FURNITURE			
	Porch and lawn furniture (including beach furniture and steamer chairs made of wood or wood and canvas)			
2511711	Chairs, rockers, benches, and chaise longues.....	No. of units		
2511715	Gliders, swings, and hammocks.....	Dollars		
2511719	Other porch, lawn and outdoor furniture (Specify kind)			
	.....	Dollars		
	.....	Dollars		
25118--	UNPAINTED WOOD FURNITURE			
	Furniture in the white (unpainted)			
2511811	Bookcases.....	No. of units		
2511831	Chairs.....	No. of units		
2511835	Chests of drawers.....	No. of units		
2511839	Other furniture-in-the-white (unpainted) (tables, beds, vanities, dressing tables, desks, corner cabinets, etc.) (Specify kind)			
	.....	Dollars		
	.....	Dollars		
25119--	OTHER NON-UPHOLSTERED WOOD HOUSEHOLD FURNITURE			
2511998	Other non-upholstered wood household furniture (Specify kind)			
	.....	Dollars		
	.....	Dollars		
INDUSTRY 2512 - WOOD HOUSEHOLD FURNITURE, UPHOLSTERED - MC-25A				
25121--	UPHOLSTERED WOOD HOUSEHOLD FURNITURE, EXCEPT DUAL-PURPOSE FURNITURE			
	Living room, library, sunroom, and hall furniture			
2512111	Sofas, davenports (excluding dual-purpose), settees, love seats, and sectional sofa pieces seating two or more persons.....	No. of units		
2512131	Chairs, (except reclining), rockers, and sectional sofa pieces seating one person.....	No. of units		
2512151	Reclining chairs.....	No. of units		
2512171	Bedroom chairs, rockers, benches, and chaise longues.....	No. of units		
2512198	Other upholstered wood household furniture (Specify kind)			
	.....	Dollars		
	.....	Dollars		
2512211	CONVERTABLE SOFAS (CHAIRS SOLD AS PART OF SUITE SHOULD BE INCLUDED IN CODE 2512131 ABOVE).....	No. of units		
2512311	JACKKNIFE SOFA BEDS(CHAIRS SOLD AS PART OF SUITE SHOULD BE INCLUDED IN CODE 2512131 ABOVE).....	No. of units		
2512411	STUDIO COUCHES.....	No. of units		
2512511	CHAIR BEDS.....	No. of units		
25126--	WOOD FRAMES FOR UPHOLSTERED FURNITURE			
2512611	Furniture frames for household furniture.....	Dollars		
INDUSTRY 2513 - REED AND RATTAN FURNITURE (COMBINED WITH CENSUS INDUSTRY 2519)				

## MAJOR GROUP 25 - FURNITURE AND FIXTURES--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2514 - METAL HOUSE FURNITURE - MC-25A				
25141--	METAL HOUSEHOLD DINING, DINETTE, AND BREAKFAST FURNITURE			
	Tubular metal			
2514111	Sets (table and 4 chairs).....	No. of sets		
2514115	Tables (not sold with a set).....	No. of units		
2514117	Chairs (not sold with a set).....	No. of units		
	Other metal			
2514131	Sets (table and 4 chairs).....	No. of sets		
2514135	Tables (not sold with a set).....	No. of units		
2514137	Chairs (not sold with a set).....	No. of units		
2514198	Other non-upholstered metal dining, dinette, and breakfast furniture (Specify kind)			
	.....	Dollars		
	.....	Dollars		
25142--	METAL KITCHEN FURNITURE (TABLES, STOOLS, BASE AND WALL CABINETS, ETC.--EXCLUDING BREAKFAST SETS)			
	Kitchen furniture (excluding breakfast furniture reported in "Dining, dinette, and breakfast furniture")			
2514211	Cabinets, such as base, top and base, wall, utility, etc.....	Dollars		
2514251	Chairs and stools.....	No. of units		
2514271	Tables.....	No. of units		
25143--	METAL PORCH, LAWN, AND OTHER OUTDOOR FURNITURE			
	Porch and lawn furniture (including beach furniture and steamer chairs)			
2514311	Chairs, rockers, benches, chaise longues, and settees.....	No. of units		
2514351	Gliders, swings, and hammocks.....	Dollars		
2514398	Other metal porch and lawn furniture (Specify kind)			
	.....	Dollars		
	.....	Dollars		
25144--	METAL BEDS AND COTS (EXCLUDING MATTRESSES AND DETACHABLE BEDSPRINGS WHICH SHOULD BE REPORTED UNDER "BEDDING PRODUCTS")			
2514431	Folding cots and rollable cots, including army cots.....	No. of units		
2514435	Other metal beds.....	No. of units		
25145--	OTHER METAL HOUSEHOLD FURNITURE			
2514511	Upholstered living room and sunroom furniture (excluding dual-purpose units listed under "Wood household furniture, upholstered").....	Dollars		
2514519	Other upholstered metal furniture (Specify kind)			
	.....	Dollars		
	.....	Dollars		
	Miscellaneous metal household furniture			
2514571	Card tables and chairs.....	Dollars		
2514575	Medicine wall cabinets.....	No. of units		
2514598	Other metal household furniture (Specify kind)			
	.....	Dollars		
	.....	Dollars		



MAJOR GROUP 25 - FURNITURE AND FIXTURES--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 2515 - MATTRESSES AND BEDSPRINGS - MC-25A</b>				
25151--	<b>MATTRESSES, INCLUDING PADS FOR CRIBS AND INFANTS' BASKETS</b>			
	Innerspring mattresses. Include those with rubber or latex topper pads and those sold as parts of Hollywood beds.			
2515111	For cribs.....	No. of units		
2515115	For other beds.....	No. of units		
2515131	Rubber or latex core mattresses. Include those sold as parts of Hollywood beds. Do not include any innerspring mattresses with rubber or latex topper pads, foam rubber mattress cores (uncovered), or special box springs made for foam rubber mattresses.....	No. of units		
	Other mattresses and pads. Include cotton felt, hair, etc. Do not include quilted cotton mattress protectors; also do not include innerspring mattresses of any dimension.			
2515141	For cribs and infants' baskets.....	No. of units		
2515145	For other beds.....	No. of units		
25152--	<b>BEDSPRINGS</b>			
2515211	Box springs. Include those sold with or without legs and as parts of Hollywood beds.....	No. of units		
2515231	Coil springs.....	No. of units		
2515251	Flat springs.....	No. of units		
2515271	Hospital bedsprings, gatch, and other types.....	No. of units		
<b>INDUSTRY 2519 - HOUSEHOLD FURNITURE, N.E.C. (INCLUDES FORMER INDUSTRY 2513) - MC-25A</b>				
25191--	<b>PLASTIC RADIO, PHONOGRAPH, AND TV CABINETS</b>			
2519111	Radio, phonograph, television, and radio-phonograph-television cabinets.....	No. of units		
25192--	<b>BASSINETS AND OTHER REED, RATTAN, ETC. FURNITURE</b>			
2519211	Bassinets.....	No. of units		
2519231	Reed, rattan, willow, wicker and cane furniture, except bassinets (including porch, lawn, and sunroom furniture, etc.) (Specify kind)	Dollars		
	.....	Dollars		
25193--	<b>OTHER HOUSEHOLD FURNITURE, N.E.C.</b>			
2519311	Other plastic furniture (Specify kind)	Dollars		
	.....	Dollars		
2519398	Other household furniture (Specify kind)	Dollars		
	.....	Dollars		
<b>INDUSTRY 2521 - WOOD OFFICE FURNITURE - MC-25B</b>				
25211--	<b>CHAIRS, STOOLS, COUCHES, ETC., INCLUDING UPHOLSTERED</b>			
2521111	Chairs and stools (including upholstered).....	No. of units		
2521151	Sofas, couches, settees, etc. (including upholstered).....	No. of units		
25212--	<b>DESKS</b>			
2521211	Executive type.....	No. of units		
2521251	Stenographer type (with typewriter compartment).....	No. of units		
25213--	<b>CABINETS AND CASES</b>			
2521311	File.....	Dollars		
2521398	Other.....	Dollars		
25214--	<b>OTHER OFFICE FURNITURE - INCLUDING TABLES, STANDS, ETC.</b>			
2521411	Tables and stands.....	Dollars		
2521498	Other (Specify kind)	Dollars		
	.....	Dollars		

## MAJOR GROUP 25 - FURNITURE AND FIXTURES--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2522 - METAL OFFICE FURNITURE - MC-25B				
25221--	CHAIRS, STOOLS, COUCHES, ETC., INCLUDING UPHOLSTERED			
2522111	Chairs and stools (including upholstered).....	No. of units		
2522151	Sofas, couches, settees, etc. (including upholstered).....	No. of units		
25222--	DESKS			
2522211	Executive type.....	No. of units		
2522251	Stenographer type (with typewriter compartment).....	No. of units		
25223--	CABINETS AND CASES			
2522311	Four-drawer file cabinets, legal and letter size.....	No. of units		
2522319	Other file cabinets and cases.....	Dollars		
2522398	Other cabinets and cases.....	Dollars		
25224--	OTHER OFFICE FURNITURE - INCLUDING TABLES, STANDS, ETC.			
2522411	Tables and stands.....	Dollars		
2522498	Other (Specify kind).....	Dollars		
		Dollars		
INDUSTRY 2531 - PUBLIC-BUILDING FURNITURE - MC-25B				
25310--	PUBLIC-BUILDING FURNITURE (SCHOOL, CHURCH, THEATRE, PUBLIC CONVEYANCE, ETC., EXCEPT STONE AND CONCRETE)			
	School furniture			
2531011	Desk and desk seat combinations (exclude chair desks and two pupil table desks)	No. of units		
	Tablet-arm chairs and chair desks			
2531021	Wood.....	No. of chairs		
2531025	Metal.....	No. of chairs		
	Other chairs, benches, and stools			
2531031	Wood.....	No. of units		
2531035	Metal.....	No. of units		
2531039	Other (except stone and concrete tables, table desks, cabinets, chalkboards, etc.) (Specify kind and material).....	Dollars		
		Dollars		
2531041	Seats for public conveyances and for school busses.....	Dollars		
	Other public-building furniture, except stone and concrete			
2531051	Church pews.....	Linear ft.		
2531061	Other church furniture (pulpits, altars, lecterns, etc.).....	Dollars		
	Chairs and seats			
	Theatre and auditorium			
2531071	Ganged type chairs, fixed and portable.....	No. of chairs		
2531075	Single folding chairs.....	No. of chairs		
2531081	Stadium and bleacher seats.....	Dollars		
2531098	Other (tables, benches, etc.) (Specify kind and material).....	Dollars		
		Dollars		
INDUSTRY 2532 - PROFESSIONAL FURNITURE - MC-25B				
25320--	PROFESSIONAL FURNITURE (HOSPITAL, CLINICAL, LABORATORY, ETC.) EXCEPT BEAUTY AND BARBER SHOP			
	Hospital furniture (excluding operating equipment and instruments)			
2532011	Beds (all types except bassinets).....	No. of units		
2532015	Operating room furniture, including tables, cases, cabinets, etc.....	Dollars		
2532019	Other (cabinets, cases, desks, tables, bassinets, chart racks, back rests, etc.) (Specify kind).....	Dollars		
		Dollars		
	Laboratory furniture			
	Cabinets and cases			
2532031	Wood.....	Dollars		
2532041	Metal.....	Dollars		
2532098	Other (tables, stools, reagent shelves, etc.) (Specify kind and material).....	Dollars		
		Dollars		

MAJOR GROUP 25 - FURNITURE AND FIXTURES--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 2541 - PARTITIONS AND FIXTURES - MC-25B</b>				
25411--	<b>PARTITIONS, SHELVING, AND LOCKERS</b>			
	Partitions			
2541111	Wood.....	Sq. ft.		
2541115	Metal.....	Sq. ft.		
	Shelving			
2541131	Wood.....	Linear ft.		
2541135	Metal.....	Linear ft.		
	Lockers			
2541151	Wood.....	No. of openings		
2541155	Metal.....	No. of openings		
2541171	Other partitions, shelving, and lockers (Specify kind and material)			
	.....	Dollars		
	.....	Dollars		
25412--	<b>CASES, CABINETS, COUNTERS, AND OTHER FIXTURES, INCLUDING BANK FIXTURES</b>			
	Show and display cases (including wall types) and tables			
2541211	Wood.....	Dollars		
2541215	Metal.....	Dollars		
	Cabinets (floor or wall type)			
2541231	Wood.....	Dollars		
2541235	Metal.....	Dollars		
	Counters			
2541251	Wood.....	Dollars		
2541255	Metal.....	Dollars		
2541271	Other wood fixtures (window backs, telephone booths, miscellaneous display fixtures, cashier stands, clothing racks, etc.) (Specify kind)			
	.....	Dollars		
	.....	Dollars		
2541275	Other metal fixtures (window backs, telephone booths, miscellaneous display fixtures, cashier stands, clothing racks, etc.) (Specify kind)			
	.....	Dollars		
	.....	Dollars		
2541281	Bank counters and fixtures, except ornamental metal work.....	Dollars		
<b>INDUSTRY 2561 - WINDOW AND DOOR SCREENS - MC-24F</b>				
25610--	<b>SCREEN DOORS, WINDOW SCREENS, AND WEATHER STRIP, ALL MATERIALS</b>			
	Screen doors			
2561011	Wood.....	Number		
2561015	Metal.....	Number		
	Window screens			
2561031	Wood.....	Number		
2561035	Metal.....	Number		
	Weatherstrip			
2561051	Metal.....	M Lin. ft.		
2561055	Other.....	M Lin. ft.		



MAJOR GROUP 25 - FURNITURE AND FIXTURES--Continued

(A)	Unit of measure (B)	Total shipments and interplant transfers		Thousands of square feet of blinds or shades reported in column (D) (H)
		Quantity (D)	Value f.o.b. plant (omit cents) (E)	
<b>INDUSTRY 2562 - WINDOW SHADES - MC-D1<sup>1</sup></b>				
25620--	WINDOW SHADES AND ACCESSORIES			
2562011	Window shades and accessories.....	Dollars		
<sup>1</sup> No specific products of this industry are listed on the product schedule. Any products which are classified in this industry will be "written in" by the reporting establishment.				
<b>INDUSTRY 2563 - VENETIAN BLINDS - MC-25D</b>				
<b>25631-- METAL SLAT VENETIAN BLINDS</b>				
2563111	Steel-slat blinds.....	M blinds		
2563151	Aluminum-slat blinds.....	M blinds		
<b>25632-- OTHER VENETIAN BLINDS, INCLUDING UNASSEMBLED BLINDS AND PARTS AND PORCH SHADES, EXCEPT CANVAS</b>				
2563211	Wood-slat blinds.....	M blinds		
2563231	Paper- or fabric-slat blinds.....	M blinds		
2563251	Composition- or plastic-slat blinds.....	M blinds		
2563271	Unassembled venetian blinds, parts, and components fabricated in this plant.....	Dollars		
2563281	Porch shades, except canvas.....	M shades		
2563X21	Paper- or fabric-slat blinds.....	M sq. ft. of blinds		
<b>INDUSTRY 2591 - RESTAURANT FURNITURE - MC-25B</b>				
<b>25910-- RESTAURANT FURNITURE</b>				
Chairs and stools				
2591011	Wood.....	No. of units		
2591015	Metal.....	No. of units		
Tables				
2591031	Wood.....	No. of units		
2591035	Metal.....	No. of units		
2591051	Booths.....	Dollars		
2591098	Other (tray stands, serving tables, etc.) (Specify kind and material)	Dollars		
		Dollars		
<b>INDUSTRY 2599 - FURNITURE AND FIXTURES, N.E.C. - MC-25B</b>				
<b>25990-- FURNITURE AND FIXTURES, N.E.C.</b>				
2599011	Furniture and fixtures, n.e.c.....	Dollars		

MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS

(A)	Unit of measure (B)	Prod. for all pur. (quan.) (C)	Shipments and transfers					
			Total shipments and transfers		Transfers to other manufacturing establishments of your company		Market shipments (including exports)	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)	Quan. (H)	Value (I)
INDUSTRY 2611 - PULP MILLS - MC-26A								
26111-- 2611111	SPECIAL ALPHA AND DISSOLVING WOOD PULP Special alpha and dissolving (sulfite and sulfate for chemical conversion, paper-making, and other uses).....	S. ton, air dry						
26112-- 2611211 2611231 2611251	BLEACHED SULFITE WOOD PULP Mitscherlich..... Other softwood..... Other hardwood.....	S. ton, air dry S. ton, air dry S. ton, air dry						
26113-- 2611311 2611351	UNBLEACHED SULFITE WOOD PULP Mitscherlich..... Other.....	S. ton, air dry S. ton, air dry						
26114-- 2611411 2611431 2611451	BLEACHED AND SEMI-BLEACHED SULFATE WOOD PULP Bleached Softwood..... Hardwood..... Semi-bleached.....	S. ton, air dry S. ton, air dry S. ton, air dry						
26115-- 2611511 2611551	UNBLEACHED SULFATE WOOD PULP Paper grades..... Board grades.....	S. ton, air dry S. ton, air dry						
26116-- 2611611	SODA WOOD PULP Soda wood pulp.....	S. ton, air dry						
26117-- 2611711 2611751	GROUND WOOD PULP Bleached..... Unbleached.....	S. ton, air dry S. ton, air dry						
26118-- 2611811 2611831 2611851 2611871	MISCELLANEOUS WOOD PULP Semi-chemical (including chemi-pulp) Bleached..... Unbleached..... Defibrated or exploded..... Screenings, off-quality, damaged, etc.....	S. ton, air dry S. ton, air dry S. ton, air dry S. ton, air dry						
26119-- 2611911 2611915	PULP OTHER THAN WOOD, AND MISCELLANEOUS PULP MILL PRODUCTS, N.E.C. Other pulp manufactured for sale (or for own use in making products other than paper and board) Cotton and cotton linters..... Other (including straw, rag, flax, deinked paper, etc.) (Specify kind) .....	S. ton, air dry S. ton, air dry S. ton, air dry						
2611921	Turpentine, sulfate..... Tall oil	Short ton						
2611931	Crude (processed from black liquor soap, crude sulfate soap, or skimmings).....	Short ton						
2611935	Refined (including distilled)..... Other cooking liquor byproducts	Short ton						
2611941	Binders.....	Short ton						
2611951	Fuel.....	Short ton						
2611971	Other (Specify kind) .....	Short ton						

## MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Prod. for all pur. (quan.) (C)	Shipments and transfers					
			Total shipments and transfers		Transfers to other manufacturing establishments of your company		Market shipments (including exports)	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)	Quan. (H)	Value (I)
INDUSTRY 2612 - PAPER AND BOARD MILLS - MC-26B								
26121--	NEWSPRINT AND GROUNDWOOD PAPER							
2612111	Short ton							
2612121	Short ton							
2612125	Short ton							
2612131	Short ton							
2612133	Short ton							
2612135	Short ton							
2612136	Short ton							
2612137	Short ton							
	Short ton							
	Short ton							
2612151	Short ton							
2612153	Short ton							
2612155	Short ton							
2612157	Short ton							
	Short ton							
26122--	PAPER-MACHINE COATED PAPER PRINTING AND CONVERTING (All types of paper coated on a paper machine as part of the primary process)							
2612211	Short ton							
2612251	Short ton							
26123--	BOOK AND FINE PAPER							
2612311	Short ton							
2612313	Short ton							
2612315	Short ton							
2612317	Short ton							
	Short ton							
	Short ton							
2612321	Short ton							
2612323	Short ton							
2612325	Short ton							
2612327	Short ton							
	Short ton							
	Short ton							
2612328	Short ton							
2612329	Short ton							
	Short ton							
	Short ton							



MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Prod. for all pur. (quan.) (C)	Shipments and transfers					
			Total shipments and transfers		Transfers to other manufacturing establishments of your company		Market shipments (including exports)	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)	Quan. (H)	Value (I)
INDUSTRY 2612 - PAPER AND BOARD MILLS--Continued - MC-26B								
26123--	BOOK AND FINE PAPER--Continued							
	Fine Paper							
	Writing, rag (containing rags, cotton, flax, and similar fiber)							
2612331	Bond and writing (including protective and check).....	Short ton						
2612333	Ledger.....	Short ton						
2612335	Manifold.....	Short ton						
2612337	Papeterie and wedding.....	Short ton						
2612341	Map and chart.....	Short ton						
2612343	Reproduction.....	Short ton						
2612345	Index.....	Short ton						
2612349	Other (Specify kind) .....	Short ton						
	.....	Short ton						
	Writing, chemical wood pulp							
2612351	Bond and writing (including protective and check).....	Short ton						
2612353	Ledger.....	Short ton						
2612355	Manifold.....	Short ton						
2612357	Mimeograph.....	Short ton						
2612359	Gelatin and spirit process duplicating.....	Short ton						
2612361	Papeterie and wedding.....	Short ton						
2612363	Map and chart.....	Short ton						
2612365	Blueprint and similar base stock.....	Short ton						
2612366	Photographic and other sensitizing stock.....	Short ton						
2612367	Opaque circular.....	Short ton						
2612369	Other (Specify kind) .....	Short ton						
	.....	Short ton						
2612371	Index bristol (chemical wood pulp).....	Short ton						
2612373	Printing bristol.....	Short ton						
2612375	Uncoated post card bristol.....	Short ton						
2612377	Cover paper.....	Short ton						
2612379	Text paper.....	Short ton						
2612381	Colored school paper (construction paper containing not more than 25% groundwood pulp).....	Short ton						
	Thin paper							
2612383	Carbonizing, free from groundwood pulp.....	Short ton						
2612385	Condenser.....	Short ton						
2612387	Cigarette.....	Short ton						
2612389	Other (stencil, lens, India bible, soda straw, wrapper, tea bag, etc.) (Specify kind) .....	Short ton						
	.....	Short ton						

MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	(B)	Prod. for all pur. (quan.) (C)	Shipments and transfers					
			Total shipments and transfers		Transfers to other manufacturing establishments of your company		Market shipments (including exports)	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)	Quan. (H)	Value (I)
INDUSTRY 2612 - PAPER AND BOARD MILLS - MC-26B--Continued								
26124--	COARSE AND SPECIAL INDUSTRIAL PAPER, INCLUDING ABSORBENT PAPER							
	Coarse paper							
	Unbleached kraft paper, containing more than 50% unbleached sulfate wood pulp							
	Wrapping paper							
2612411	M.F. and M.G. wrapping paper (colored or natural).....	Short ton						
2612412	Butchers.....	Short ton						
2612413	Miscellaneous, including screenings, core stock, bogus, mill wrappers, car liners and side rolls.....	Short ton						
	Shipping sack paper							
2612415	Shipping sack paper meeting minimum standards Federal Spec. UU-S-48.....	Short ton						
2612416	Other unbleached kraft shipping sack paper...	Short ton						
	Bag paper							
2612417	Grocers and variety bag paper.....	Short ton						
2612419	Other unbleached kraft bag paper.....	Short ton						
	Converting paper							
2612421	Asphalting paper including creped or creping stock for asphalting.....	Short ton						
2612422	Other creping.....	Short ton						
2612423	Envelope stock.....	Short ton						
2612425	Gumming stock.....	Short ton						
2612427	Twisting and spinning stock (18 lb. and up)..	Short ton						
2612428	Waxing stock (18 lb. and up).....	Short ton						
2612429	Other converting paper (Specify kind).....	Short ton						
	.....	Short ton						
2612431	Rope and combination kraft and rope shipping sack paper.....	Short ton						
	Glassine, greaseproof and vegetable parchment							
2612433	Wrapping paper.....	Short ton						
2612435	Bag stock.....	Short ton						
2612437	Converting stock.....	Short ton						
	Other coarse paper, including bleached and semi-bleached kraft paper, sulfite and any mixed furnishes containing not more than 50% unbleached sulfate wood pulp							
	Wrapping paper							
2612441	M.F. and M.G. wrapping paper (colored or natural).....	Short ton						
2612443	Butchers and grocers wrap.....	Short ton						
2612445	Miscellaneous, including screenings, core stock, bogus, mill wrappers, car liners and side rolls.....	Short ton						
2612451	Shipping sack paper.....	Short ton						
	Bag paper							
2612453	Grocers and variety bag paper.....	Short ton						
2612455	Other bag paper.....	Short ton						
	Converting paper							
2612461	Asphalting paper, including creped or creping stock for asphalting.....	Short ton						
2612462	Other creping.....	Short ton						
2612463	Envelope stock.....	Short ton						
2612464	Gumming stock.....	Short ton						
2612465	Twisting and spinning stock (18 lb. and up)..	Short ton						
2612466	Waxing stock (18 lb. and up).....	Short ton						
2612467	Cup stock (under 90 lb.).....	Short ton						
2612469	Other converting paper (Specify kind).....	Short ton						
	.....	Short ton						
	.....	Short ton						

MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	Unit of measure	Prod. for all pur. (quan.)	Shipments and transfers						
			Total shipments and transfers		Transfers to other manufacturing establishments of your company		Market shipments (including exports)		
			Quan. (D)	Value (E)	Quan. (F)	Value (G)	Quan. (H)	Value (I)	
INDUSTRY 2612 - PAPER AND BOARD MILLS - MC-26B--Continued									
26124--	COARSE AND SPECIAL INDUSTRIAL PAPER, INCLUDING ABSORBENT PAPER--Continued								
	Special industrial paper (all weights and calipers)								
2612471	Abrasive paper.....	Short ton							
2612472	Cable paper.....	Short ton							
2612473	Electrical insulation and armature paper and paperboard.....	Short ton							
2612474	Gasket paper and paperboard.....	Short ton							
2612475	Stencil backing paper and stencil board.....	Short ton							
2612476	Tabulating card stock.....	Short ton							
2612477	File folder stock.....	Short ton							
2612478	Tag stock.....	Short ton							
2612479	Wallet and patch stock.....	Short ton							
2612481	Pressboard, including imitation pressboard.....	Short ton							
2612482	Tympan.....	Short ton							
2612483	Blotting paper.....	Short ton							
2612484	Filter paper.....	Short ton							
2612485	Matrix paper and board.....	Short ton							
2612486	Vulcanizing fiber stock.....	Short ton							
2612487	Resin impregnating stock.....	Short ton							
2612488	Die wiping stock.....	Short ton							
2612489	Other special industrial or absorbent paper (Specify kind)	Short ton							
	.....	Short ton							
26125--	SANITARY STOCK, TISSUE PAPER								
	Sanitary tissue stock								
2612511	Sanitary napkin stock, wadding.....	Short ton							
	Towelng stock								
2612521	Industrial (bulk and dispenser types).....	Short ton							
2612525	Household (retail packages).....	Short ton							
	Toilet tissue stock								
2612531	Regular type - single ply.....	Short ton							
2612535	Facial tissue type - 2 or more ply.....	Short ton							
	Napkin stock								
	Industrial (bulk and dispenser)								
2612541	Regular type - single ply.....	Short ton							
2612543	Facial tissue type - 2 or more ply.....	Short ton							
	Resale (retail packages)								
2612545	Regular type - single ply.....	Short ton							
2612547	Facial tissue type - 2 or more ply.....	Short ton							
2612551	Facial tissue stock (other than napkin and toilet stock).....	Short ton							
2612561	Other sanitary tissue (Specify kind)	Short ton							
	.....	Short ton							
	Tissue paper, except sanitary and thin paper (all weights under 18 lb., 24x36-480)								
2612571	Wrapping tissue.....	Short ton							
2612572	Waxing tissue stock.....	Short ton							
2612573	Twisting tissue stock.....	Short ton							
2612574	Fruit and vegetable wraps.....	Short ton							
2612575	Pattern tissue stock.....	Short ton							
2612576	Sales, book tissue stock.....	Short ton							
2612577	Crepe wadding for packing.....	Short ton							
2612579	Other (Specify kind)	Short ton							
	.....	Short ton							



MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Prod. for all pur. (quan.) (C)	Shipments and transfers					
			Total shipments and transfers		Transfers to other manufacturing establishments of your company		Market shipments (including exports)	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)	Quan. (H)	Value (I)
INDUSTRY 2612 - PAPER AND BOARD MILLS - MC-26B--Continued								
26126--	CONTAINER BOARD							
	Liners							
2612611	Kraft.....	Short ton						
2612615	Jute.....	Short ton						
2612617	Other liners (Specify kind)							
	.....	Short ton						
	.....	Short ton						
	Corrugating material							
2612631	Kraft.....	Short ton						
2612633	Straw.....	Short ton						
2612635	Semichemical.....	Short ton						
2612637	Other corrugating material (including bogus) (Specify kind)							
	.....	Short ton						
	.....	Short ton						
	Container chipboard							
2612651	Solid fiber board, for filler board.....	Short ton						
2612655	Other container chipboard.....	Short ton						
26127--	BENDING BOARD, INCLUDING SPECIAL FOOD BOARD							
	Folding boxboard stock							
2612711	Unlined chipboard.....	Short ton						
2612713	Single and double manila lined chipboard.....	Short ton						
2612715	Single and double lined chipboard, except manila	Short ton						
2612721	Patent coated, all types.....	Short ton						
2612723	Clay coated.....	Short ton						
2612725	Other machine coated.....	Short ton						
2612731	Other folding boxboard stock (Specify kind)							
	.....	Short ton						
	.....	Short ton						
	Other bending board							
2612741	Unlined chipboard.....	Short ton						
2612742	Single and double manila lined chipboard.....	Short ton						
2612745	Single and double lined chipboard, except manila	Short ton						
	Coated board							
2612747	Patent coated, all types.....	Short ton						
2612748	Clay coated.....	Short ton						
2612749	Other machine coated.....	Short ton						
	Special food board (including solid chemical pulp and lined manila board)							
2612751	Milk bottle stock.....	Short ton						
2612753	Milk bottle hood and lip cover stock.....	Short ton						
2612755	Liquid tight container stock.....	Short ton						
2612757	Cup lid stock.....	Short ton						
2612761	Cup and round nested food container stock (90 lb. and up).....	Short ton						
2612763	Milk bottle plug stock.....	Short ton						
2612765	Ice cream and food, pail stock.....	Short ton						
2612767	Plate, dish, and tray stock.....	Short ton						
2612771	Frozen food container stock.....	Short ton						
2612773	Butter, oleo, shortening, and ice cream carton stock.....	Short ton						
2612775	Other special food board container stock for liquid, moist, or oily foods (Specify kind)							
	.....	Short ton						
	.....	Short ton						
2612781	Solid chemical pulp and lined manila board (except special food board).....	Short ton						
2612798	Other bending board (Specify kind)							
	.....	Short ton						
	.....	Short ton						

MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Prod. for all pur. (quan.) (C)	Shipments and transfers						
			Total shipments and transfers		Transfers to other manufacturing establishments of your company		Market shipments (including exports)		
			Quan. (D)	Value (E)	Quan. (F)	Value (G)	Quan. (H)	Value (I)	
INDUSTRY 2612 - PAPER AND BOARD MILLS - MC-26B--Continued									
26128--	NONBENDING BOARD								
	Setup boxboard, unpasted								
2612811	News-lined chipboard.....	Short ton							
2612821	Other lined and unlined chipboard (Specify kind)	Short ton							
	.....	Short ton							
2612831	Solid newsboard.....	Short ton							
2612835	Strawboard, including straw combinations.....	Short ton							
2612841	Other set up boxboard (Specify kind)	Short ton							
	.....	Short ton							
	Other nonbending board								
2612851	News-lined chipboard.....	Short ton							
2612861	Other lined and unlined chipboard (Specify kind)	Short ton							
	.....	Short ton							
	.....	Short ton							
2612871	Solid newsboard.....	Short ton							
2612875	Strawboard, including straw combinations.....	Short ton							
2612881	Nonbending board not listed above (Specify kind)	Short ton							
	.....	Short ton							
	.....	Short ton							
26129--	SPECIAL PAPERBOARD, CARDBOARD AND WET MACHINE BOARD								
	Special paperboard stock								
2612911	Tube stock.....	Short ton							
2612912	Can stock.....	Short ton							
2612913	Drum stock.....	Short ton							
2612915	Solid wood pulp board (groundwood).....	Short ton							
2612917	Match board (splint stock).....	Short ton							
2612919	Egg case filler board.....	Short ton							
2612921	Panel board.....	Short ton							
2612923	Liner for gypsum and plaster board.....	Short ton							
2612925	Laminated wallboard stock.....	Short ton							
2612927	Other building board stock (Specify kind)	Short ton							
	.....	Short ton							
	.....	Short ton							
2612929	Other special paperboard stock (Specify kind)	Short ton							
	.....	Short ton							
	.....	Short ton							
	Cardboard								
2612931	Uncoated mill blanks and clay coated blanks....	Short ton							
2612932	Clay coated tag stock.....	Short ton							
2612933	Photomount stock.....	Short ton							
2612934	Bogus bristol.....	Short ton							
2612935	Playing card stock.....	Short ton							
2612936	Railroad and poster manila.....	Short ton							
2612937	Coated bristol or post card stock.....	Short ton							
2612939	Other cardboard (Specify kind)	Short ton							
	.....	Short ton							
	.....	Short ton							
2612941	Other paperboard (Specify kind)	Short ton							
	.....	Short ton							
	.....	Short ton							
	Wet machine board								
2612951	Binder's board.....	Short ton							
2612961	Shoe board.....	Short ton							
2612971	Other wet machine board (Specify kind)	Short ton							
	.....	Short ton							
	.....	Short ton							

MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Prod. for all pur. (quan.) (C)	Shipments and transfers						
			Total shipments and transfers		Transfers to other manufacturing establishments of your company		Market shipments (including exports)		
			Quan. (D)	Value (E)	Quan. (F)	Value (G)	Quan. (H)	Value (I)	
INDUSTRY 2613 - BUILDING PAPER AND BOARD MILLS - MC-26B									
26131-- CONSTRUCTION PAPER (DRY BASIS BEFORE SATURATING)									
2613111	Sheathing paper.....	Short ton							
2613121	Roofing felts.....	Short ton							
2613123	Floor covering felts.....	Short ton							
2613125	Automotive felts.....	Short ton							
2613127	Other felts (Specify kind) .....	Short ton							
	.....	Short ton							
2613131	Asbestos paper and asbestos filled paper.....	Short ton							
2613141	Flexible wood fiber insulation.....	Short ton							
2613151	Other construction paper (Specify kind) .....	Short ton							
	.....	Short ton							
26132-- HARDBOARD AND INSULATING BOARD									
Hard pressed wood fiber board, density over 26 pounds per cubic foot									
2613211	Treated or tempered.....	Short ton							
2613213	Not treated or tempered.....	Short ton							
Insulating wallboard, density 26 pounds or less per cubic foot									
2613215	Building board, natural.....	Short ton							
2613217	Lath for plaster base.....	Short ton							
2613221	Roof insulation board.....	Short ton							
2613225	Insulating roof deck.....	Short ton							
Interior board, factory finished									
2613231	Board.....	Short ton							
2613235	Panel and tile, except acoustical.....	Short ton							
2613237	Acoustical tile.....	Short ton							
2613241	Plank.....	Short ton							
2613245	Other interior board (trim, molding, etc.) (Specify kind) .....	Short ton							
	.....	Short ton							
	.....	Short ton							
2613251	Sheathing board.....	Short ton							
2613255	Insulating siding base.....	Short ton							
2613257	Shingle backer.....	Short ton							
2613261	Thinboard (7/16" or less).....	Short ton							
2613265	Other insulating board (Specify kind) .....	Short ton							
	.....	Short ton							
	.....	Short ton							



MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Prod. for all pur. (quan.) (C)	Shipments and transfers					
			Total shipments and transfers		Transfers to other manufacturing establishments of your company		Market shipments (including exports)	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)	Quan. (H)	Value (I)
INDUSTRY 2613 - BUILDING PAPER AND BOARD MILLS - MC-26B--Continued								
2613X--	HARDBOARD AND INSULATING BOARD (UNIT OF MEASURE IN M SQ. FT. 1/2" BASIS)							
	Hard pressed wood fiber board							
2613X11	Treated or tempered.....	M sq.ft. 1/2" basis						
2613X13	Not treated or tempered.....	M sq.ft. 1/2" basis						
	Insulating wallboard, density 24 pounds or less per cubic foot							
2613X15	Building board, natural.....	M sq.ft. 1/2" basis						
2613X17	Lath for plaster base.....	M sq.ft. 1/2" basis						
2613X21	Roof insulation board.....	M sq.ft. 1/2" basis						
2613X25	Insulating roof deck.....	M sq.ft. 1/2" basis						
	Interior board, factory finish							
2613X31	Board.....	M sq.ft. 1/2" basis						
2613X35	Panel and tile, except acoustical....	M sq.ft. 1/2" basis						
2613X37	Acoustical tile.....	M sq.ft. 1/2" basis						
2613X41	Plank.....	M sq.ft. 1/2" basis						
2613X45	Other interior board (trim, molding, etc.) (Specify kind)							
	.....	M sq.ft. 1/2" basis						
	.....	M sq.ft. 1/2" basis						
2613X51	Sheathing board.....	M sq.ft. 1/2" basis						
2613X55	Insulating siding base.....	M sq.ft. 1/2" basis						
2613X57	Shingle backer.....	M sq.ft. 1/2" basis						
2613X61	Thinboard (7/16" or less).....	M sq.ft. 1/2" basis						
2613X65	Other insulating board (Specify kind)							
	.....	M sq.ft. 1/2" basis						
	.....	M sq.ft. 1/2" basis						

MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Total shipments and transfers		Consumption of paper or board	
		Quantity (D)	Value f.o.b. plant (omit cents) (E)	Produced by this company (short tons) (H)	Purchased (short tons) (I)
<b>INDUSTRY 2641 - PAPER COATING AND GLAZING - MC-26C</b>					
26411--	OFF MACHINE COATED PAPER FOR PRINTING				
2641111	Coated, one side.....	Short ton			
2641151	Coated, two sides.....	Short ton			
26412--	OILED, WAXED AND WAX LAMINATED PAPER				
2641211	Oiled and similarly treated paper.....	Short ton			
	Waxed and wax laminated paper				
	Bread wraps				
2641221	Printed.....	M wrapper			
2641225	Unprinted.....	M wrapper			
2641231	Household waxed paper.....	Dollars			
2641241	Delicatessen paper.....	Dollars			
2641251	Locker papers.....	Dollars			
2641261	Cereal and similar wraps.....	Dollars			
2641271	Other (Specify kind)	Dollars			
	.....	Dollars			
26413--	GUMMED PRODUCTS				
	Gummed tape				
2641311	Paper base, all types.....	Dollars			
2641315	Cloth base.....	Dollars			
2641321	Gummed paper, including gummed flat.....	Dollars			
26414--	PRESSURE SENSITIVE TAPES				
2641411	Paper backing.....	Dollars			
2641431	Cloth backing (excluding surgical adhesive).....	Dollars			
2641451	Plastic backing (including cellophane tape).....	Dollars			
2641471	Other, excluding rubber (Specify kind)	Dollars			
	.....	Dollars			
26415--	COATED AND PROCESSED PAPER				
2641511	Casein and similarly coated paper.....	Dollars			
2641531	Special coated paper (mica, pyroxylin, plastic, lacquer, metallic - other than foil, etc.).....	Dollars			
2641551	Processed plain paper (embossed, leatherette, printed, etc.).....	Dollars			
2641571	Processed coated paper (embossed, leatherette, printed, etc.).....	Dollars			
2641598	Other coated and processed products (Specify kind)	Dollars			
	.....	Dollars			
<b>INDUSTRY 2651 - ENVELOPES - MC-26C</b>					
26510--	ENVELOPES				
2651011	Envelopes (all types and materials, excluding stationery envelopes).....	Dollars			

MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)		Unit of measure (B)	Total shipments and transfers, value f.o.b. plant (omit cents) (E)	Consumption of paper or board	
				Produced by this company (short tons) (H)	Purchased (short tons) (I)
<b>INDUSTRY 2661 - PAPER BAGS - MC-26C</b>					
26611--	PAPER GROCERY AND VARIETY BAGS				
2661111	Grocers and variety bags.....	Dollars			
26612--	SPECIALTY BAGS AND LINERS				
2661211	Paper, excluding glassine, greaseproof and waxed paper....	Dollars			
2661231	Glassine, greaseproof and waxed paper.....	Dollars			
2661251	Foil or foil backed paper.....	Dollars			
2661261	Cellophane.....	Dollars			
2661271	Polyethylene.....	Dollars			
2661298	Other sheet materials (pliofilm, acetate, and other plastics) (Specify kind)				
	.....	Dollars			
	.....	Dollars			
26613--	WARDROBE, SHOPPING AND OTHER BAGS				
2661311	Wardrobe and mothproof bags.....	Dollars			
2661351	Shopping bags.....	Dollars			
2661398	Other bags (Specify kind)				
	.....	Dollars			
	.....	Dollars			
26614--	SHIPPING SACKS AND MULTIWALL BAGS				
2661411	Single and double wall.....	Dollars			
2661451	Multiwall (three or more ply).....	Dollars			
<b>INDUSTRY 2671 - PAPERBOARD BOXES - MC-26C</b>					
26711--	SHIPPING CONTAINERS, SOLID FIBER AND CORRUGATED				
2671111	Corrugated.....	Dollars			
2671151	Solid fiber.....	Dollars			
26712--	FOLDING PAPERBOARD BOXES AND CARTONS (EXCEPT ICE CREAM, BUTTER, MARGARINE, FROZEN FOOD, ETC.)				
2671211	Folding boxes and cartons.....	Dollars			
26713--	SET-UP PAPERBOARD BOXES				
2671311	Set-up boxes.....	Dollars			
26714--	VULCANIZED FIBER BOXES				
2671411	Vulcanized fiber boxes.....	Dollars			
<b>INDUSTRY 2674 - FIBER CANS, TUBES, DRUMS, ETC. - MC-26C</b>					
26741--	PAPERBOARD CANS, TUBES, AND DRUMS				
2674111	Paperboard cans, with or without metal ends.....	Dollars			
2674131	Paperboard cores and tubes.....	Dollars			
2674151	Paperboard drums with metal, wood, or paperboard ends.....	Dollars			
26742--	PAPERBOARD CONES, REELS, SPOOLS, BOBBINS, ETC.				
2674211	Paperboard cones, reels, spools, bobbins, and blocks.....	Dollars			
26743--	VULCANIZED FIBER CONTAINERS AND OTHER VULCANIZED FIBER PRODUCTS				
2674311	Vulcanized fiber cans, tubes, and drums.....	Dollars			
2674351	Other vulcanized fiber products, except boxes.....	Dollars			



MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Total shipments and transfers		Consumption of paper or board	
		Quantity (D)	Value f.o.b. plant (omit cents) (E)	Produced by this company (short tons) (H)	Purchased (short tons) (I)
<b>INDUSTRY 2691 - DIE-CUT PAPER AND BOARD - MC-26C</b>					
26911--	DIE-CUT OFFICE SUPPLIES, EXCLUDING STATIONERY, TABLETS, AND ENVELOPES				
	Filing accessories				
2691111	Index cards.....	Dollars			
2691121	File folders.....	Dollars			
2691131	Guide cards.....	Dollars			
2691151	Binders and covers, except loose leaf.....	Dollars			
2691161	Machine tabulation and time recorder cards.	Dollars			
2691198	Other (Specify kind)				
	.....	Dollars			
	.....	Dollars			
26912--	MISCELLANEOUS DIE-CUT PRODUCTS				
2691211	Cards, die-cut and designed.....	Dollars			
2691251	Fillers and flats for egg cases (except molded pulp).....	Dollars			
2691271	Bottle caps, closures and lids.....	Dollars			
2691298	Other (Specify kind)				
	.....	Dollars			
	.....	Dollars			
26913--	PASTED, LINED, LAMINATED, OR SURFACE-COATED PAPERBOARD				
2691311	Laminated printing stock (including car sign and similar stock).....	Dollars			
2691331	Other laminated paperboard, excluding laminated wallboard.....	Dollars			
2691398	Other pasted, lined, or surface-coated paperboard (Specify kind)				
	.....	Dollars			
	.....	Dollars			
<b>INDUSTRY 2693 - WALLPAPER - MC-26C</b>					
26930--	WALLPAPER				
2693011	Machine printed wallpaper.....	M single rolls or equiv.			
2693051	Screen and hand printed wallpaper, including repeat goods, scenics, panels, etc....	Single roll equiv. (36 sq. ft.)			
<b>INDUSTRY 2694 - PULP GOODS, PRESSED AND MOLDED - MC-26C</b>					
26940--	PULP GOODS, PRESSED AND MOLDED				
2694011	Molded containers.....	Dollars			
2694021	Molded pulp plates, dishes, and similar products.....	Dollars			
2694041	Conduits and pipes (molded pulp or paper-mache).....	Dollars			
2694098	Other molded pulp and paper-mache articles, excluding statuary and art goods (Specify kind)				
	.....	Dollars			
	.....	Dollars			

MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Total shipments and transfers, value f.o.b. plant (omit cents) (E)	Consumption of paper or board	
			Produced by this company (short tons) (H)	Purchased (short tons) (I)
<b>INDUSTRY 2699 - CONVERTED PAPER PRODUCTS, N.E.C. - MC-26C</b>				
<b>26991-- STATIONERY, TABLETS, AND RELATED PRODUCTS</b>				
Stationery				
2699111	Boxed stationery and portfolios.....	Dollars		
2699113	Weddings and social announcements (paper, cards, and envelopes).....	Dollars		
2699115	Package paper and envelopes.....	Dollars		
2699119	Other (Specify kind) .....	Dollars		
	.....	Dollars		
Tablets and related tablet type products				
2699151	Correspondence type tablets.....	Dollars		
2699153	Tablets and pads - book and writing, paper grade.....	Dollars		
2699155	Newsprint tablets and pads.....	Dollars		
2699159	Other (Specify kind) .....	Dollars		
	.....	Dollars		
<b>26992-- WRAPPING PRODUCTS, EXCEPT COATED, OILED AND WAXED</b>				
Laminated paper and paperboard wrapping products (excluding wax laminated items listed under Industry 2641)				
2699211	Waterproof (plain, reinforced, creped, and lined).....	Dollars		
2699231	Paper laminated to other sheet materials.....	Dollars		
2699241	Moisture proof and vapor barrier paper.....	Dollars		
2699251	Other paper and paperboard laminated wrapping products (Specify kind) .....	Dollars		
	.....	Dollars		
2699261	Creped paper, excluding fine creped paper.....	Dollars		
2699271	Impregnated and saturated wrapping paper.....	Dollars		
Gift wrapping, first sale in packages				
Printed				
2699281	17 lb. and less.....	Dollars		
2699285	18 lb. and more.....	Dollars		
2699287	Unprinted.....	Dollars		
2699293	Other paper and paperboard wrapping products (Specify kind) .....	Dollars		
	.....	Dollars		
<b>26993-- SANITARY FOOD CONTAINERS</b>				
2699311	Milk cartons.....	Dollars		
2699321	Other beverage cartons (fruit drinks, etc.).....	Dollars		
2699331	Cups and liquid tight food containers.....	Dollars		
2699341	Frozen food containers.....	Dollars		
2699351	Butter, oleo, shortening, and ice cream cartons.....	Dollars		
2699361	Food and ice cream pails.....	Dollars		
2699398	Other (Specify kind) .....	Dollars		
	.....	Dollars		
<b>26994-- SANITARY HEALTH PRODUCTS</b>				
2699411	Facial tissue and handkerchiefs.....	Dollars		
Table napkins, including plain, creped and facial tissue				
Industrial (bulk and dispenser types)				
2699431	Regular type - single ply.....	Dollars		
2699433	Facial tissue type - 2 or more ply.....	Dollars		
Retail packages (resale)				
2699435	Regular type - single ply.....	Dollars		
2699437	Facial tissue type - 2 or more ply.....	Dollars		
Toilet paper				
Rolls and ovals				
2699451	Facial type tissue - 2 or more ply.....	Dollars		
2699453	Toilet tissue.....	Dollars		
2699455	Interfolded and flat package.....	Dollars		
Towels (rolled, folded, or interfolded)				
2699471	Industrial.....	Dollars		
2699475	Household.....	Dollars		
2699498	Other sanitary health products (Specify kind) .....	Dollars		
	.....	Dollars		

MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Total shipments and transfers		Consumption of paper or board	
		Quantity (D)	Value f.o.b. plant (omit cents) (E)	Produced by this company (short tons) (H)	Purchased (short tons) (I)
INDUSTRY 2699 - CONVERTED PAPER PRODUCTS N.E.C. - MC-26C--Cont.					
FOOD SERVING PAPER PRODUCTS					
26995-- 2699511	Stamped plates, dishes, spoons, forks, and similar products.....	Dollars			
2699531	Soda straws, except glass.....	Dollars			
2699551	Doilies, place mats, and tray doilies.....	Dollars			
2699598	Other (Specify kind) .....	Dollars			
	.....	Dollars			
OTHER CONVERTED PAPER AND BOARD PRODUCTS					
Office supplies, excluding stationery, tablets, and envelopes					
Business machine supplies					
2699611	Rolls for adding and other business machines...	Dollars			
2699615	Tapes, teletype, etc.....	Dollars			
2699619	Other (Specify kind) .....	Dollars			
	.....	Dollars			
Miscellaneous office supplies					
2699621	Safety paper.....	Dollars			
2699625	Other (Specify kind) .....	Dollars			
	.....	Dollars			
Packaging accessories					
2699633	Tags, printed and unprinted.....	Dollars			
2699635	Labels and seals.....	Dollars			
2699637	Corrugated paperboard in sheets and rolls, lined and unlined.....	Dollars			
2699638	Paperboard pallets.....	Dollars			
2699639	Other (Specify kind) .....	Dollars			
	.....	Dollars			
Novelties, games, displays, and similar products					
2699651	Playing cards.....	Dollars			
2699655	Fine creped paper.....	Dollars			
2699659	Other (Specify kind) .....	Dollars			
	.....	Dollars			
Industrial paper products					
2699661	Laminated wallboard.....	M sq. ft.			
2699665	Tiled wallboard.....	M sq. ft.			
2699669	Other (Specify kind) .....	Dollars			
	.....	Dollars			
Miscellaneous paper products					
2699671	Cigarette paper books.....	Dollars			
2699673	Folders and mounts, all types.....	Dollars			
2699675	Paper draperies.....	Dollars			
2699677	Patterns.....	Dollars			
2699679	Shelf paper, printed and unprinted.....	Dollars			
2699681	Other (Specify kind) .....	Dollars			
	.....	Dollars			
	.....	Dollars			



MAJOR GROUP 27 - PRINTING AND PUBLISHING INDUSTRIES

(A)		Unit of measure (B)	Total dollar receipts (E)	Average circulation per issue (including paid, free, bulk, etc.) (number of copies) (F)
<b>INDUSTRY 2711 - NEWSPAPERS - MC-27A AND MC-27C</b>				
27111--	RECEIPTS FROM SUBSCRIPTIONS AND SALES			
	Daily (except Sunday)			
2711101	Morning.....	Dollars		
2711111	Evening.....	Dollars		
2711121	Sunday.....	Dollars		
2711131	Tri-weekly (3 times weekly).....	Dollars		
2711141	Semi-weekly (2 times weekly).....	Dollars		
2711151	Weekly.....	Dollars		
2711198	Other (Specify frequency of issue)			
	.....	Dollars		
	.....	Dollars		
27112--	RECEIPTS FROM ADVERTISING			
	Daily (except Sunday)			
2711201	Morning.....	Dollars		
2711211	Evening.....	Dollars		
2711221	Sunday.....	Dollars		
2711231	Tri-weekly (3 times weekly).....	Dollars		
2711241	Semi-weekly (2 times weekly).....	Dollars		
2711251	Weekly.....	Dollars		
2711298	Other (Specify frequency of issue)			
	.....	Dollars		
	.....	Dollars		

		(B)	(E)	Average circulation per issue (including paid, free, bulk, etc.) (number of copies) (F)	Type of magazine or periodical code <sup>1</sup> (G)
<b>INDUSTRY 2721 - PERIODICALS - MC-27A AND MC-27C</b>					
27211--	RECEIPTS FROM SUBSCRIPTIONS AND SALES				
	Daily.....	Dollars			
2721101	Tri-weekly (3 times weekly).....	Dollars			
2721131	Semi-weekly (2 times weekly).....	Dollars			
2721141	Weekly.....	Dollars			
2721151	Semi-monthly (twice monthly).....	Dollars			
2721161	Monthly.....	Dollars			
2721171	Quarterly.....	Dollars			
2721181	Other (Specify frequency of issue)				
2721198	.....	Dollars			
	.....	Dollars			
27212--	RECEIPTS FROM ADVERTISING				
	Daily.....	Dollars			
2721201	Tri-weekly (3 times weekly).....	Dollars			
2721231	Semi-weekly (2 times weekly).....	Dollars			
2721241	Weekly.....	Dollars			
2721251	Semi-monthly (twice monthly).....	Dollars			
2721261	Monthly.....	Dollars			
2721271	Quarterly.....	Dollars			
2721281	Other (Specify frequency of issue)				
2721298	.....	Dollars			
	.....	Dollars			

<sup>1</sup>Type of periodical will be assigned a two-digit code in col. (G) as follows:

- |                                      |                                   |  |
|--------------------------------------|-----------------------------------|--|
| 01 Agriculture and farm-general.     | 12 Home and garden.               | Trade (trade journals and business paper type publications): |
| 02 Agriculture and farm specialized. | 13 Juvenile.                      |  |
| 03 Art, music, and drama.            | 14 Labor.                         | 23 Merchandising   |
| 04 Business and finance.             | 15 Legal.                         | 24 Professional, institutional and service.                  |
| 05 Comics.                           | 16 Medical and dental.            | 25 Industrial, engineering and technical.                    |
| 06 Educational.                      | 17 Military and naval.            | 26 University, college and school.                           |
| 07 Fashions.                         | 18 Motion pictures.               | 27 Women's service.  |
| 08 Fiction.                          | 19 News and current events.       | 28 All other.  |
| 09 Fraternal and clubs.              | 20 Religious.                     | 50 Not specified.  |
| 10 General interest.                 | 21 Science and technology.        |  |
| 11 Geography and travel.             | 22 Sports, outdoor, hobbies, etc. |  |

NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

MAJOR GROUP 27 - PRINTING AND PUBLISHING INDUSTRIES--Continued

(A)	Unit of measure (B)	Total number of copies sold in 1954		Hard-bound copies sold in 1954		Paper-bound copies sold in 1954	
		Quantity (D)	Dollar receipts in 1954 (E)	Quantity (F)	Dollar receipts in 1954 (G)	Quantity (H)	Dollar receipts in 1954 (I)
INDUSTRY 2731 - BOOKS: PUBLISHING, PUBLISHING AND PRINTING - MC-27A, MC-27B AND MC-27C							
27310--	BOOKS AND PAMPHLETS, PUBLISHING, OR PUBLISHING AND PRINTING						
	Books						
	Textbooks						
	Elementary						
2731011	Original editions.....	M copies					
2731012	Reprint editions.....	M copies					
	High school						
2731013	Original editions.....	M copies					
2731014	Reprint editions.....	M copies					
	College						
2731015	Original editions.....	M copies					
2731016	Reprint editions.....	M copies					
	School workbooks (not including educational tests)						
2731017	Original editions.....	M copies					
2731018	Reprint editions.....	M copies					
	Religious books						
2731021	Bibles and testaments.....	M copies					
	Hymnals						
2731023	Original editions.....	M copies					
2731025	Reprint editions.....	M copies					
	General religious books (including prayer books)						
2731027	Original editions.....	M copies					
2731029	Reprint editions.....	M copies					
	Technical, scientific, and professional books						
2731031	Original editions.....	M copies					
2731035	Reprint editions.....	M copies					
	Trade books (including novels, biographies, music, art, and travel books, dictionaries, etc.)						
	Adult						
2731041	Original editions.....	M copies					
2731043	Reprint editions.....	M copies					
	Juvenile (except toy books)						
2731045	Original editions.....	M copies					
2731047	Reprint editions.....	M copies					
	Encyclopedias (subscription books)						
2731048	Original editions.....	M copies					
2731049	Reprint editions.....	M copies					
	Other books (except toy books)						
2731051	Original editions (Specify kind)						
	.....	M copies					
	.....	M copies					
2731055	Reprint editions (Specify kind)						
	.....	M copies					
	.....	M copies					
2731061	Books-hardbound and paperbound (MC-27A and MC-27C only).....	M copies					
	Pamphlets (including educational tests)						
2731071	Original editions.....	M copies					
2731075	Reprint editions.....	M copies					
2731081	Pamphlets - less than 64 paperbound pages (on MC-27A and MC-27C only).....	M copies					
27810--	BOOKBINDING (MATERIAL PRINTED ELSEWHERE) (SEE ALSO INDUSTRY 2731) <sup>1</sup>						
2781000	Bookbinding (material printed elsewhere) (on MC-27C only).....	Dollars					
2781011	Edition binding (hard bound).....	Dollars					
2781031	Pamphlet binding.....	Dollars					
2781051	Library binding (including "job" and rebinding)...	Dollars					
2781071	Mechanical binding (wire, plastic, etc.).....	Dollars					

<sup>1</sup>Classify in Industry 2731, if establishment binds books published or published and printed in this establishment.

MAJOR GROUP 27 - PRINTING AND PUBLISHING INDUSTRIES--Continued

(A)		Unit of measure (B)	Total dollar receipts in 1954 (E)	
<b>INDUSTRY 2732 - BOOK PRINTING - MC-27A, MC-27B AND MC-27C</b>				
27320--	<b>BOOK AND PAMPHLET PRINTING AND COMPLETE BOOK MANUFACTURING</b>			
2732000	Books and pamphlets (printed for others) (printing including commercial (job)) (on MC-27A AND MC-27C only).....	Dollars		
	Letterpress process			
2732011	Books (printing only).....	Dollars		
2732013	Books (printed and bound).....	Dollars		
2732015	Pamphlets (printing only) exclude advertising circulars and pamphlets.....	Dollars		
2732017	Pamphlets (printed and bound) exclude advertising circulars and pamphlets.....	Dollars		
	Lithograph process			
2732031	Books (printing only).....	Dollars		
2732033	Books (printed and bound).....	Dollars		
2732035	Pamphlets (printing only) exclude advertising circulars and pamphlets.....	Dollars		
2732037	Pamphlets (printed and bound) exclude advertising circulars and pamphlets.....	Dollars		
	Gravure process			
2732051	Books (printing only).....	Dollars		
2732053	Books (printed and bound).....	Dollars		
2732055	Pamphlets (printing only) exclude advertising circulars and pamphlets.....	Dollars		
2732057	Pamphlets (printed and bound) exclude advertising circulars and pamphlets.....	Dollars		
	Engraving process			
2732071	Books (printing only).....	Dollars		
2732073	Books (printed and bound).....	Dollars		
2732075	Pamphlets (printing only) exclude advertising circulars and pamphlets.....	Dollars		
2732077	Pamphlets (printed and bound) exclude advertising circulars and pamphlets.....	Dollars		
27810--	<b>BOOKBINDING (MATERIAL PRINTED ELSEWHERE) (SEE ALSO INDUSTRY 2781)<sup>1</sup></b>			
2781000	Bookbinding (material printed elsewhere)(on MC-27C only).....	Dollars		
2781011	Edition binding (hard bound).....	Dollars		
2781031	Pamphlet binding.....	Dollars		
2781051	Library binding (including "job" and rebinding).....	Dollars		
2781071	Mechanical binding (wire, plastic, etc.).....	Dollars		
<sup>1</sup> Classify in Industry 2732, if establishment primarily binds books printed in the same establishment.			Total copies sold in 1954	
			Quantity (D)	Dollars receipts in 1954 (E)
<b>INDUSTRY 2741 - MISCELLANEOUS PUBLISHING - MC-27A, MC-27B AND MC-27C</b>				
27410--	<b>MISCELLANEOUS PUBLISHING (EXCLUDE PRINTING DONE FOR OTHERS AND CARD DESIGNERS)</b>			
2741010	Other publishing (sheet music, directories, racing forms, etc.) (except shopping news) (on MC-27A and MC-27C only).....	M copies		
2741011	Cards, other than greeting cards (including picture postcards, souvenir cards, etc.)	M copies		
2741021	Shopping news.....	M copies		
2741031	Sheet music, except book form.....	M copies		
2741041	Directories, catalogs, almanacs, etc.....	M copies		
2741051	Business services, loose-leaf and hardbound, including tax, credit, government regulations, cumulative indexes, etc.....	M copies		
2741061	Maps, atlases, gazetteers, and globe covers.....	M copies		
2741098	Other miscellaneous publications (racing forms, etc.) (Specify kind)	M copies		
	.....	M copies		



## MAJOR GROUP 27 - PRINTING AND PUBLISHING INDUSTRIES--Continued

(A)		Unit of measure (B)	Total dollar receipts (E)
<b>INDUSTRY 2751 - COMMERCIAL PRINTING - MC-27A, MC-27B AND MC-27C</b>			
27510--	COMMERCIAL PRINTING (INCLUDING PUBLICATION PRINTING EXCEPT BOOK AND PAMPHLET PRINTING) Letterpress process		
2751010	Letterpress (printing and commercial (job)) (on MC-27A and MC-27C only).....	Dollars	
2751011	Newspapers, ready prints, and shopping newspapers.....	Dollars	
2751013	Magazines and periodicals.....	Dollars	
2751015	Maps, atlases, and globe covers.....	Dollars	
2751017	Cards, other than greeting cards, printed for publishers (picture postcards, souvenir, etc.).....	Dollars	
2751022	Labels and wrappers.....	Dollars	
	Business forms (with or without carbon interleaves)		
2751023	Continuous forms (include register forms).....	Dollars	
2751025	Unit-set forms (snap-out, etc.).....	Dollars	
2751027	Other business forms except blank book and loose leaf forms.....	Dollars	
2751031	Tickets and coupons.....	Dollars	
2751033	Calendars and calendar pads.....	Dollars	
2751035	Catalogs and directories.....	Dollars	
2751039	All other general commercial letterpress printing (including "job" printing) not elsewhere reported.....	Dollars	
	Gravure process		
2751040	Gravure (printing - including commercial (job)) (on Form MC-27A only).....	Dollars	
2751041	Newspapers, ready prints, and shopping newspapers.....	Dollars	
2751043	Magazines and periodicals.....	Dollars	
2751045	Maps, atlases, and globe covers.....	Dollars	
2751047	Cards, other than greeting cards, gravured for publishers (picture postcards, souvenir, etc.).....	Dollars	
2751051	Labels and wrappers.....	Dollars	
	Business forms (with or without carbon interleaves)		
2751053	Continuous forms (include register forms).....	Dollars	
2751055	Unit-set forms (snap-out, etc.).....	Dollars	
2751057	Other business forms except blank book and loose-leaf forms.....	Dollars	
2751071	Tickets and coupons.....	Dollars	
2751073	Calendars and calendar pads.....	Dollars	
2751075	Catalogs and directories.....	Dollars	
2751079	All other general commercial gravure printing (including job printing) not else- where reported.....	Dollars	
2751081	Gravure plates made for others (flat and cylindrical).....	Dollars	
2751085	Screen process, excluding decalcomanias and textile printing.....	Dollars	
<b>INDUSTRY 2761 - LITHOGRAPHY - MC-27A, MC-27B AND MC-27C</b>			
27610--	LITHOGRAPHING (EXCEPT BOOKS AND PAMPHLETS) (INCLUDING DECALCOMANIAS, ALL PROCESSES)		
2761010	Lithography (including offset) (printing, including commercial (job)) (except decalcomanias and plates made for others) (on MC-27A and MC-27C only).....	Dollars	
2761011	Newspapers, ready prints, and shopping newspapers.....	Dollars	
2761013	Magazines and periodicals.....	Dollars	
2761015	Maps, atlases, and globe covers.....	Dollars	
2761017	Cards, other than greeting cards lithographed for publishers (picture postcards, souvenir, etc.).....	Dollars	
2761021	Labels and wrappers.....	Dollars	
	Business forms (with or without carbon interleaves)		
2761023	Continuous forms (including register forms).....	Dollars	
2761025	Unit-set forms (snap-out, etc.).....	Dollars	
2761027	Other business forms, except blank book and loose leaf forms.....	Dollars	
2761031	Tickets and coupons.....	Dollars	
2761033	Calendars and calendar pads.....	Dollars	
2761035	Catalogs and directories.....	Dollars	
2761039	All other general commercial lithography printing (including "job" printing) not elsewhere reported (Specify general kinds of products printed).....	Dollars	
2761050	Decalcomanias (printing, including commercial (job)) (on MC-27A and MC-27C only).....	Dollars	
2761051	Decalcomanias (letterpress).....	Dollars	
2761053	Decalcomanias (lithography).....	Dollars	
2761055	Decalcomanias (silk screen).....	Dollars	
2761057	Decalcomanias (gravure).....	Dollars	
2761081	Lithograph plates made for others (flat and cylindrical).....	Dollars	

MAJOR GROUP 27 - PRINTING AND PUBLISHING INDUSTRIES--Continued

(A)		Unit of measure (B)	Total copies sold in 1954	
			Quantity (D)	Dollar receipts in 1954 (E)
<b>INDUSTRY 2771 - GREETING CARDS - MC-27A, MC-27B AND MC-27C</b>				
27711--	GREETING CARDS, PUBLISHERS' SALES			
2771100	Greeting cards (other publishing) (on MC-27A and MC-27C only).....	M copies		
2771111	Christmas cards.....	M copies		
2771151	Other greeting cards (including seasonal and every day).....	M copies		
27712--	GREETING CARDS, PRINTED FOR PUBLICATION BY OTHERS			
2771200	Greeting cards (printed for others) (printing, including commercial (job)) (on MC-27A and MC-27C only).....	Dollars		
	Greeting cards (including all seasonal cards)			
2771211	Letterpress process.....	Dollars		
2771251	Lithography process.....	Dollars		
2771271	Engraving process.....	Dollars		
2771281	Gravure process.....	Dollars		
<b>INDUSTRY 2781 - BOOKBINDING - MC-27B AND MC-27C</b>				
27810--	BOOKBINDING (MATERIAL PRINTED ELSEWHERE) (SEE ALSO INDUSTRIES 2731 and 2732) <sup>1</sup>			
2781000	Bookbinding (material printed elsewhere) (on Form MC-27C only).....	Dollars		
2781011	Edition binding (hard bound).....	Dollars		
2781031	Pamphlet binding.....	Dollars		
2781051	Library binding (including "job" and rebinding).....	Dollars		
2781071	Mechanical binding (wire, plastic, etc.).....	Dollars		
<sup>1</sup> Classify in Industry 2781, if establishment primarily binds books printed elsewhere.				
<b>INDUSTRY 2782 - BLANKBOOK MAKING AND PAPER RULING - MC-27B AND MC-27C</b>				
27820--	BLANKBOOK MAKING AND PAPER RULING			
2782000	Blankbook making and paper ruling (on Form MC-27C only).....	Dollars		
2782011	Ledgers and account books other than sales books.....	Dollars		
2782021	Sales books.....	Dollars		
2782031	Albums and scrap books (including record, photograph, and stamp albums, etc.).....	Dollars		
2782041	Notebooks.....	Dollars		
2782051	Miscellaneous blankbooks, including diaries, appointment books, memo books, check books, etc. (Specify kind)			
	.....	Dollars		
	.....	Dollars		
2782061	Paper ruling.....	Dollars		
<b>INDUSTRY 2783 - LIBRARY AND LOOSE-LEAF BINDER AND MANUFACTURING - MC-27B AND MC-27C</b>				
27830--	LIBRARY AND LOOSE-LEAF BINDERS AND DEVICES			
2783000	Loose-leaf devices, binders, forms and fillers (on Form MC-27C only).....	Dollars		
2783011	Forms and fillers, loose-leaf.....	Dollars		
2783051	Binders, loose-leaf (including library binders).....	Dollars		

## MAJOR GROUP 27 - PRINTING AND PUBLISHING INDUSTRIES--Continued

		Unit of measure (B)	Total dollar receipts in 1954 (E)
INDUSTRY 2789 - MISCELLANEOUS WORK RELATED TO BOOKBINDING - MC-27B AND MC-27C			
27890--	RECEIPTS FOR MISCELLANEOUS BOOKBINDING WORK (MATERIAL PRINTED ELSEWHERE)		
2789011	Other bindery services, including embossing, varnishing, indexing, edging, bronzing, gilding and mounting, etc. (Specify kind)		
	.....	Dollars	
	.....	Dollars	
INDUSTRY 2791 - TYPESETTING - MC-27A, MC-27B AND MC-27C			
27910--	TYPESETTING, MACHINE AND HAND		
2791000	Typesetting (machine and hand) (on MC-27A and MC-27C only).....	Dollars	
2791011	Trade typesetting.....	Dollars	
2791051	Advertising typography.....	Dollars	
INDUSTRY 2792 - ENGRAVING AND PLATE PRINTING - MC-27B AND MC-27C			
27920--	ENGRAVING AND PLATE PRINTING		
2792000	Engraving and plate printing (on Form MC-27C only).....	Dollars	
2792011	Newspapers, ready prints, and shopping newspapers.....	Dollars	
2792013	Magazines and periodicals.....	Dollars	
2792015	Maps, atlases, and globe covers.....	Dollars	
2792017	Cards, other than greeting cards, engraved for publishers (picture postcards, souvenir, etc.).....	Dollars	
2792021	Labels and wrappers.....	Dollars	
	Business forms (with or without carbon interleaves)		
2792023	Continuous forms (include register forms).....	Dollars	
2792025	Unit-set forms (snap-out, etc.).....	Dollars	
2792027	Other business forms except blank book and loose-leaf forms.....	Dollars	
2792031	Tickets and coupons.....	Dollars	
2792033	Calendars and calendar pads.....	Dollars	
2792035	Catalogs and directories.....	Dollars	
2792051	Engraving (steel and copperplate, rubber, wood, and other plate printing not elsewhere reported).....	Dollars	
INDUSTRY 2793 - PHOTOENGRAVING - MC-27A, MC-27B AND MC-27C			
27930--	PHOTOENGRAVING		
2793011	Photoengraving plates made for others (flat and cylindrical).....	Dollars	
INDUSTRY 2794 - ELECTROTYPING AND STEREOTYPING - MC-27A, MC-27B AND MC-27C			
27940--	ELECTROTYPING AND STEREOTYPING		
2794000	Electrotyping and stereotyping (including matrices made for others) (on MC-27A and MC-27C only).....	Dollars	
2794011	Electrotyping (service to printing trades).....	Dollars	
2794031	Stereotyping (service to printing trades).....	Dollars	
2794051	Matrixes made for others.....	Dollars	



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS

(A)	Basis	Unit of measure	(C)	(D)	(E)	Transfers to other plants of the same company		Consumed in this plant	
						Quan.	Value	Made in this plant (quantity)	Purchases and interplant transfers (quantity)
	(B1)	(B2)				(F)	(G)	(H)	(I)
INDUSTRY 2611 - SULFURIC ACID - MC-26A									
28110--	SULFURIC ACID								
	Oleum								
2811011	Under 40%.....	100% H <sub>2</sub> SO <sub>4</sub>	Short ton						
2811015	40%.....	100% H <sub>2</sub> SO <sub>4</sub>	Short ton						
2811017	Above 40%.....	100% H <sub>2</sub> SO <sub>4</sub>	Short ton						
	Other than oleum								
2811031	Contact process.....	100% H <sub>2</sub> SO <sub>4</sub>	Short ton						
2811071	Chamber process.....	100% H <sub>2</sub> SO <sub>4</sub>	Short ton						
2811X51	Spent acid used in fortification on contact units and included in above figures (including acid from own production or received from outside sources).....	100% H <sub>2</sub> SO <sub>4</sub>	Short ton						
INDUSTRY 2812 - ALKALIES AND CHLORINE - MC-28A									
28121--	CHLORINE								
2812111	Gas (including quantities later liquefied).....	100% Cl <sub>2</sub>	Short ton						
2812115	Liquid.....	100% Cl <sub>2</sub>	Short ton						
28122--	SODIUM CARBONATE								
	Soda ash								
	Ammonia soda process								
2812231	Finished bicarbonate.....	58% Na <sub>2</sub> O	Short ton						
2812235	Liquid ash.....	58% Na <sub>2</sub> O	Short ton						
2812241	Finished dense ash.....	58% Na <sub>2</sub> O	Short ton						
2812245	Net finished light ash.....	58% Na <sub>2</sub> O	Short ton						
28123--	SODIUM HYDROXIDE (CAUSTIC SODA)								
	Electrolytic process								
2812361	68-74% liquid.....	100% NaOH	Short ton						
2812365	All other liquid.....	100% NaOH	Short ton						
2812367	Dry (all forms).....	100% NaOH	Short ton						
	Lime soda								
2812371	68-74% liquid.....	100% NaOH	Short ton						
2812375	All other liquid.....	100% NaOH	Short ton						
2812377	Dry (all forms).....	100% NaOH	Short ton						
28124--	OTHER ALKALIES								
	Potassium carbonate								
2812411	Liquid.....	100% K <sub>2</sub> CO <sub>3</sub>	Short ton						
2812413	Calcined.....	100% K <sub>2</sub> CO <sub>3</sub>	Short ton						
2812415	Hydrated.....	100% K <sub>2</sub> CO <sub>3</sub>	Short ton						
	Potassium hydroxide (Caustic potash)								
2812421	Liquid.....	88-92% KOH	Short ton						
2812423	Solid.....	88-92% KOH	Short ton						
2812451	Sodium carbonate, soda ash, electrolytic.....	58% Na <sub>2</sub> O	Short ton						
2812459	Other carbonates (Specify kind).....								
			Dollars						
			Dollars						
2812481	Modified sodas.....		Short ton						
	SODIUM CARBONATE, SODA ASH, AMMONIA SODA PROCESS								
2812X31	Total crude bicarbonate.....	58% Na <sub>2</sub> O	Short ton						
2812X41	Finished light ash.....	58% Na <sub>2</sub> O	Short ton						
	SODIUM HYDROXIDE (CAUSTIC SODA)								
2812X61	Electrolytic process, total liquid....	100% NaOH	Short ton						
2812X71	Lime soda, total liquid.....	100% NaOH	Short ton						

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Basis (B1)	Unit of measure (B2)	(C)	(D)	(E)	Transfers to other plants of the same company		Consumed in this plant	
						Quan. (F)	Value (G)	Made in this plant (quantity) (H)	Purchases and interplant transfers (quantity) (I)
INDUSTRY 2819 - INORGANIC CHEMICALS, N.E.C. - MC-28A									
28191--	SYNTHETIC AMMONIA, NITRIC ACID, AND AMMONIUM COMPOUNDS								
2819111	Nitric.....	100% HNO <sub>3</sub>	Short ton						
	Ammonia								
2819131	Anhydrous.....	100% NH <sub>3</sub>	Short ton						
2819133	Aqua.....	100% NH <sub>3</sub>	Short ton						
	Ammonium compounds								
	Chloride								
2819141	Gray.....	100% NH <sub>4</sub> Cl	Short ton						
2819143	White.....	100% NH <sub>4</sub> Cl	Short ton						
	Nitrate								
	Fertilizer grade								
2819151	Original solution.....	100% NH <sub>4</sub> NO <sub>3</sub>	Short ton						
2819152	Solid.....	100% NH <sub>4</sub> NO <sub>3</sub>	Short ton						
2819153	Other grades.....	100% NH <sub>4</sub> NO <sub>3</sub>	Short ton						
2819155	Ammoniating solution (including urea ammoniating solutions).....	100% N <sub>2</sub>	Short ton						
2819157	Sulfate (other than byproduct coke oven).....	100% (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>	Short ton						
2819159	Other ammonium compounds (Specify kind)								
	.....		Dollars						
	.....		Dollars						
28192--	CHLORINE BLEACHING COMPOUNDS								
2819211	Calcium hypochlorite (high test).....	70% avail. Cl <sub>2</sub>	Short ton						
2819221	Bleaching powder (chloride of lime)...	35-37% avail. Cl <sub>2</sub>	Short ton						
2819231	Liquid lime bleaches.....	35-37% avail. Cl <sub>2</sub>	Short ton						
2819241	Sodium hypochlorite and other liquid sodium bleaching compounds.....		Dollars						
2819251	Other chlorine bleaching compounds (Specify kind)								
	.....		Dollars						
	.....		Dollars						
28193--	INORGANIC ACIDS, EXCEPT NITRIC AND SULFURIC								
2819311	Boric (Boracic).....	100% H <sub>3</sub> BO <sub>3</sub>	Short ton						
2819321	Chlorosulfonic.....	100% SO <sub>2</sub> ClOH	Short ton						
2819331	Chromic acid.....	100% CrO <sub>3</sub>	Short ton						
	Hydrochloric (including anhydrous)								
2819341	From salt.....	100% HCl	Short ton						
2819345	From chlorine.....	100% HCl	Short ton						
2819347	Byproduct and other.....	100% HCl	Short ton						
2819351	Hydrocyanic (including anhydrous)....	100% HCN	Short ton						
	Hydrofluoric								
2819361	Anhydrous.....	100% H <sub>2</sub> F <sub>2</sub>	Short ton						
2819365	Technical.....	100% H <sub>2</sub> F <sub>2</sub>	Short ton						
2819367	Mixed (sulfuric and nitric).....		Short ton						
2819371	Perchloric.....	100% HCl O <sub>4</sub>	Short ton						
	Phosphoric								
2819381	From phosphorus.....	75% H <sub>3</sub> PO <sub>4</sub>	Short ton						
2819385	From phosphate rock.....	50% H <sub>3</sub> PO <sub>4</sub>	Short ton						
2819398	Other inorganic acids, n.e.c. (Specify kind)								
	.....		Dollars						
	.....		Dollars						

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Basis (B1)	Unit of measure (B2)	(C)	(D)	(E)	Transfers to other plants of the same company		Consumed in this plant	
						Quan. (F)	Value (G)	Made in this plant (quantity) (H)	Purchases and interplant transfers, (quantity) (I)
INDUSTRY 2819 - INORGANIC CHEMICALS, N.E.C. - MC-28A--Continued									
28194-- ALUMINUM COMPOUNDS									
	Chloride								
2819411	Liquid.....	32° Be	Short ton						
2819415	Crystal.....	100% AlCl <sub>3</sub>	Short ton						
2819417	Anhydrous.....	100% AlCl <sub>3</sub>	Short ton						
	Hydroxide								
		100%							
2819421	Light or litho.....	Al (OH) <sub>3</sub>	Short ton						
		100%							
2819425	Trihydrate.....	Al <sub>2</sub> O <sub>3</sub> ·3H <sub>2</sub> O	Short ton						
2819427	Fluoride.....	Technical	Short ton						
2819431	Oxide, except natural alumina.....	100% Al <sub>2</sub> O <sub>3</sub>	Short ton						
2819441	Sodium aluminate.....	62.2% Al <sub>2</sub> O <sub>3</sub>	Short ton						
	Sulfate								
2819451	Commercial.....	17% Al <sub>2</sub> O <sub>3</sub>	Short ton						
2819455	Iron-free.....	17% Al <sub>2</sub> O <sub>3</sub>	Short ton						
		Technical & flux	Short ton						
2819461	Cryolite (Synthetic).....								
2819471	Other inorganic aluminum compounds excluding alums (Specify kind) .....								
			Dollars						
			Dollars						
	Alums								
2819481	Ammonium-aluminum sulfate.....		Short ton						
2819483	Potassium aluminum sulfate.....		Short ton						
2819485	Sodium aluminum sulfate.....		Short ton						
2819487	Other alums (Specify kind) .....								
			Dollars						
			Dollars						
28195-- POTASSIUM, AND SODIUM COMPOUNDS (EXCEPT BLEACHES, ALKALIES, AND ALUMS)									
Potassium compounds, n.e.c.									
2819511	Bromide.....	100% KBr	Short ton						
2819512	Chlorate.....	100% KClO <sub>3</sub>	Short ton						
2819513	Iodide.....	100% KI	Short ton						
2819514	Nitrate.....	100% KNO <sub>3</sub>	Short ton						
2819515	Perchlorate.....	100% KClO <sub>4</sub>	Short ton						
2819516	Sulfate.....	100% K <sub>2</sub> SO <sub>4</sub>	Short ton						
2819517	Other potassium salts and compounds, n.e.c. (Specify kind) .....								
			Dollars						
			Dollars						
2819521	Sodium (metal).....	100% Na	Short ton						



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Basis (B1)	Unit of measure (B2)	(C)	(D)	(E)	Transfers to other plants of the same company		Consumed in this plant	
						Quan. (F)	Value (G)	Made in this plant (quantity) (H)	Purchases and interplant transfers (quantity) (I)
INDUSTRY 2819 - INORGANIC CHEMICALS, N.E.C. - MC-28A--Continued									
28195--	POTASSIUM, AND SODIUM COMPOUNDS (EXCEPT BLEACHES, ALKALIES, AND ALUMS)--Continued Sodium compounds, n.e.c.								
2819522	Bisulfate (nitercake).....	100% NaHSO <sub>4</sub>	Short ton						
2819523	Bifluoride.....	100% NaHF <sub>2</sub>	Short ton						
2819524	Borate (borax).....	Technical	Short ton						
2819525	Bromide.....	100% NaBr	Short ton						
2819526	Cyanide.....	100% NaCN	Short ton						
2819527	Chlorate.....	100% NaClO <sub>3</sub>	Short ton						
2819528	Fluoride.....	100% NaF	Short ton						
2819529	Hydrosulfide (sodium sulfhydrate)	100% NaSH	Short ton						
2819530	Hydrosulfite.....	100% Na <sub>2</sub> S <sub>2</sub> O <sub>4</sub>	Short ton						
2819531	Peroxide.....	100% Na <sub>2</sub> O <sub>2</sub>	Short ton						
	Phosphate								
2819532	Monobasic.....	100% NaH <sub>2</sub> PO <sub>4</sub>	Short ton						
2819533	Dibasic.....	100% Na <sub>2</sub> HPO <sub>4</sub>	Short ton						
2819534	Tribasic.....	100% Na <sub>3</sub> PO <sub>4</sub>	Short ton						
2819535	Tetra basic (pyro).....	100% Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub>	Short ton						
2819536	Meta.....	100% NaPO <sub>3</sub>	Short ton						
2819537	Acid pyro.....	100% Na <sub>2</sub> H <sub>2</sub> P <sub>2</sub> O <sub>7</sub>	Short ton						
2819538	Tripoly.....	100% Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub>	Short ton						
2819539	Other sodium phosphates (Specify kind)		Dollars						
			Dollars						
	Silicates								
2819541	Soluble silicate glass (water glass), solid and liquid.....	Anhydrous	Short ton						
2819543	Metasilicate.....	100% Na <sub>2</sub> SiO <sub>3</sub> .5H <sub>2</sub> O	Short ton						
2819545	Orthosilicate.....	100% Na <sub>4</sub> SiO <sub>4</sub> .5H <sub>2</sub> O	Short ton						
2819547	Sesquisilicate.....	100% Na <sub>3</sub> SiO <sub>4</sub> .5H <sub>2</sub> O	Short ton						
2819551	Silicofluoride.....	100% Na <sub>2</sub> SiF <sub>6</sub>	Short ton						
	Sulfate								
2819561	Anhydrous (refined).....	100% Na <sub>2</sub> SO <sub>4</sub>	Short ton						
2819565	Salt cake (crude).....	Technical	Short ton						
2819567	Glauber's salt.....	100% Na <sub>2</sub> SO <sub>4</sub> .10H <sub>2</sub> O	Short ton						
	Sulfide								
2819581	Crystal.....	30-32% Na <sub>2</sub> S	Short ton						
2819582	Concentrated.....	60-62% Na <sub>2</sub> S	Short ton						
2819583	Other (including liquid).....	60-62% Na <sub>2</sub> S	Short ton						
2819584	Sulfite.....	100% Na <sub>2</sub> SO <sub>3</sub>	Short ton						
2819585	Thiosulfate (hypo).....	100% Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> .5H <sub>2</sub> O	Short ton						
2819587	Other sodium compounds, n.e.c. (Specify kind)		Dollars						
			Dollars						
28196--	REAGENT AND HIGH PURITY GRADES OF INORGANIC CHEMICALS REFINED FROM PURCHASED TECHNICAL GRADES								
2819611	Reagent and high purity grades of inorganic chemicals refined from purchased technical grades.....		Dollars						

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

	Basis	Unit of measure	(C)	(D)	(E)	Transfers to other plants of the same company		Consumed in this plant	
						Quan.	Value	Made in this plant (quantity)	Purchases and interplant transfers (quantity)
						(F)	(G)	(H)	(I)
(B1)	(B2)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	
INDUSTRY 2819 - INORGANIC CHEMICALS, N.E.C. - MC-28A--Continued									
28197-- OTHER INORGANIC CHEMICALS, N.E.C.									
Barium compounds									
2819701	Carbonate (precipitated).....	100% BaCO <sub>3</sub>	Short ton						
2819702	Chloride (anhydrous and crystals)...	100% BaCl <sub>2</sub> ·2H <sub>2</sub> O	Short ton						
2819703	Peroxide.....		Short ton						
2819704	Sulfide.....	100% BaS	Short ton						
2819705	Nitrate.....	100% Ba(NO <sub>3</sub> ) <sub>2</sub>	Short ton						
2819706	Other barium compounds (Specify kind)								
	.....	Dollars							
	.....	Dollars							
Bismuth compounds									
2819708	Subcarbonate.....	100% (Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> ) <sub>2</sub> ·H <sub>2</sub> O	Short ton						
2819709	Subnitrate, except U.S.P. and N.F. grades.....	100% BiONO <sub>3</sub> ·H <sub>2</sub> O	Short ton						
2819710	Other bismuth compounds (Specify kind)								
	.....	Dollars							
	.....	Dollars							
2819711	Bromine (isolated).....	100% Br <sub>2</sub>	Short ton						
Calcium compounds									
2819712	Carbide.....	Commercial	Short ton						
2819713	Carbonate (precipitated).....	100% CaCO <sub>3</sub>	Short ton						
Chloride									
2819714	Solid (excluding flake).....	73-75% CaCl <sub>2</sub>	Short ton						
2819715	Flake.....	77-80% CaCl <sub>2</sub>	Short ton						
2819716	Liquid.....	40-45% CaCl <sub>2</sub>	Short ton						
2819717	Cyanide.....	100% Ca (CN) <sub>2</sub>	Pound						
Phosphate									
2819718	Monobasic.....	100% CaH <sub>4</sub> (PO <sub>4</sub> ) <sub>2</sub>	Short ton						
Dibasic									
2819719	Animal feed grades.....	100% CaHPO <sub>4</sub>	Short ton						
2819720	Other grades except fertilizer grades.....	100% CaHPO <sub>4</sub>	Short ton						
2819721	Tribasic.....	100% Ca <sub>4</sub> (PO <sub>4</sub> ) <sub>2</sub>	Short ton						
2819723	Other inorganic calcium compounds (Specify kind)								
	.....	Dollars							
	.....	Dollars							
Carbon activated									
2819724	Decolorizing.....		Short ton						
2819725	Deodorizing.....		Short ton						
2819726	Water purification.....		Short ton						
2819727	Solvent recovery and gas absorption.....		Short ton						
Chromium compounds									
Bichromates									
2819728	Potassium.....	Technical	Short ton						
2819729	Sodium.....	Technical	Short ton						
Chromates									
2819730	Potassium.....	Technical	Short ton						
2819731	Sodium.....	Technical	Short ton						
2819732	Other chromium compounds (Specify kind)								
	.....	Dollars							
	.....	Dollars							



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Basis (B <sub>1</sub> )	Unit of measure (B <sub>2</sub> )	(C)	(D)	(E)	Transfers to other plants of the same company		Consumed in this plant	
						Quan. (F)	Value (G)	Made in this plant (quantity) (H)	Purchases and interplant transfers (quantity) (I)
INDUSTRY 2819 - INORGANIC CHEMICALS, N.E.C. - MC-28A--Continued									
28197--	OTHER INORGANIC CHEMICALS, N.E.C.-- Continued								
	Copper compounds								
2819733	Cyanide.....	100% Cu (CN) <sub>2</sub>	Short ton						
	Oxide								
2819734	Cupric.....	100% CuO	Short ton						
2819735	Cuprous.....	100% Cu <sub>2</sub> O	Short ton						
	Copper sulfate.....								
2819736		100% CuSO <sub>4</sub> ·5H <sub>2</sub> O	Short ton						
2819737	Other copper compounds (Specify kind)								
			Dollars						
			Dollars						
	Hydrogen peroxide.....								
2819739		100% By weight	Short ton						
2819740	Iodine (crude or resublimed).....	100% I <sub>2</sub>	Pound						
	Iron compounds								
	Carbonyl iron.....		Short ton						
2819741									
2819742	Ferric chloride.....	100% FeCl <sub>3</sub>	Short ton						
	Ferrous sulfate.....								
2819743		100% FeSO <sub>4</sub> ·7H <sub>2</sub> O	Short ton						
2819744	Other iron compounds (Specify kind)								
			Dollars						
			Dollars						
	Lead compounds								
2819745	Nitrate.....	100% Pb(NO <sub>3</sub> ) <sub>2</sub>	Short ton						
2819746	Dioxide (peroxide).....	100% PbO <sub>2</sub>	Short ton						
2819747	Other lead compounds (excluding pigment grade) (Specify kind)								
			Dollars						
			Dollars						
	Magnesium compounds								
2819748	Sulfate including Epsom salts.....	100% MgSO <sub>4</sub>	Short ton						
2819749	Other magnesium compounds (Specify kind)								
			Dollars						
			Dollars						
	Manganese compounds								
2819750	Sulfate.....	100% MnSO <sub>4</sub> ·4H <sub>2</sub> O	Short ton						
2819751	Dioxide, battery grade.....	100% MnO <sub>2</sub>	Short ton						
2819752	Other manganese compounds (including potassium and other permanganates) (Specify kind)								
			Dollars						
			Dollars						
	Mercury and compounds								
2819753	Mercury, redistilled.....		Pound						
	Chloride								
2819754	Mercuric.....	100% HgCl <sub>2</sub>	Short ton						
2819755	Mercurous.....	100% HgCl	Short ton						
	Oxide (mercuric)								
2819756	Yellow.....	100% HgO	Short ton						
2819757	Red (regular).....	100% HgO	Short ton						
2819758	Red (battery grade).....	100% HgO	Short ton						
2819759	Other mercury compounds, except mercuric fulminate and medicinal grades (Specify kind)								
			Dollars						
			Dollars						



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Basis (B <sub>1</sub> )	Unit of measure (B <sub>2</sub> )	(C)	(D)	(E)	Transfers to other plants of the same company		Consumed in this plant	
						Quan.	Value	Made in this plant (quantity) (H)	Purchases and interplant transfers (quantity) (I)
						(F)	(G)		
INDUSTRY 2819 - INORGANIC CHEMICALS, N.E.C. - MC-28A--Continued									
28197--	OTHER INORGANIC CHEMICALS, N.E.C.--Con. Nickel compounds								
2819760	Sulfate.....	100% NiSO <sub>4</sub> .6H <sub>2</sub> O	Short ton						
2819761	Other nickel compounds (Specify kind)								
		Dollars							
		Dollars							
	Phosphorus and compounds								
	Phosphorus, elemental								
2819762	White (yellow).....	Technical	Short ton						
2819763	Red.....	Technical	Short ton						
2819764	Oxychloride.....	100% POCl <sub>3</sub>	Short ton						
2819765	Pentoxide.....	100% P <sub>2</sub> O <sub>5</sub>	Short ton						
2819766	Trichloride (chloride).....	100% PCl <sub>3</sub>	Short ton						
2819767	Other phosphorus compounds (Specify kind)								
		Dollars							
		Dollars							
	Silica gel								
2819768	Butadiene catalyst grade.....		Short ton						
2819769	Desiccant grade.....		Short ton						
2819770	Aviation gas catalyst grade.....		Short ton						
	Silver compounds								
2819771	Cyanide.....	100% AgCN	M ounces						
2819772	Nitrate.....	100% AgNO <sub>3</sub>	M ounces						
2819773	Other silver compounds (Specify kind)								
		Dollars							
		Dollars							
2819774	Sulfur, refined.....		Long ton						
	Sulfur compounds								
2819775	Dioxide (produced for sale).....	100% SO <sub>2</sub>	Short ton						
2819776	Chloride.....	Technical	Short ton						
2819777	Other sulfur compounds (Specify kind)								
		Dollars							
		Dollars							
	Tin compounds								
2819778	Chloride (stannic).....	100% SnCl <sub>4</sub>	Short ton						
2819779	Chloride (stannous).....	100% SnCl <sub>2</sub>	Short ton						
2819780	Oxide (stannic).....	100% SnO <sub>2</sub>	Short ton						
2819781	Other tin compounds (Specify kind)								
		Dollars							
		Dollars							
	Titanium compounds								
2819782	Tetrachloride.....	Technical	Pound						
2819783	Other titanium compounds (Specify kind)								
		Dollars							
		Dollars							
	Zinc compounds								
2819784	Chloride.....	100% ZnCl <sub>2</sub>	Short ton						
2819785	Hydrosulfite.....	Technical	Short ton						
2819786	Phosphide.....	Technical	Short ton						
2819787	Sulfate.....	100% ZnSO <sub>4</sub> .7H <sub>2</sub> O	Short ton						
2819788	Other zinc compounds (excluding pigment grades) (Specify kind)								
		Dollars							
		Dollars							

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Total shipments and interplant transfers, value f.o.b. plant (omit cents) (E)	Transfers to other plants of the same company value f.o.b. plant (omit cents) (G)
INDUSTRY 2819 - INORGANIC CHEMICALS, N.E.C. - MC-28A--Continued			
28197-- OTHER INORGANIC CHEMICALS, N.E.C.--Continued			
2819790 Antimony compounds (Specify kind) (excluding pigment grades)	Dollars		
_____	Dollars		
2819790 Arsenic compounds, including white arsenic (Specify kind)	Dollars		
_____	Dollars		
2819790 Cadmium compounds.....	Dollars		
2819790 Cobalt compounds (Specify kind)	Dollars		
_____	Dollars		
2819790 Gold compounds (Specify kind)	Dollars		
_____	Dollars		
2819790 Molybdenum compounds, including sodium molybdate (Specify kind)	Dollars		
_____	Dollars		
2819790 Platinum compounds, including chloroplatinic acid (Specify kind)	Dollars		
_____	Dollars		
2819790 Rare earth compounds (Specify kind)	Dollars		
_____	Dollars		
2819790 Radium compounds (Specify kind)	Dollars		
_____	Dollars		
2819790 Selenium compounds (Specify kind)	Dollars		
_____	Dollars		
2819790 Strontium compounds (Specify kind)	Dollars		
_____	Dollars		
2819790 Tantalum compounds (Specify kind)	Dollars		
_____	Dollars		
2819790 Thallium compounds (Specify kind)	Dollars		
_____	Dollars		
2819790 Tungsten compounds (Specify kind)	Dollars		
_____	Dollars		
2819798 All other inorganic chemicals (Specify kind)	Dollars		
_____	Dollars		

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	U.S. Tariff Commission Section Number  (B1)	Unit of measure  (B2)	Total shipments and interplant transfers value f.o.b. plant (omit cents)  (E)	Transfers to other plants of your company value f.o.b. plant (omit cents)  (G)	Other shipments or sales, value f.o.b. plant (omit cents)  (I)
<b>INDUSTRY 2821 - CYCLIC (COAL TAR) CRUDES - MC-28A</b>					
28210-- CYCLIC (COAL TAR) CRUDES					
2821011 Tar, tar crudes, and tar pitches,					
total.....	I	Dollars			
<b>INDUSTRY 2822 - INTERMEDIATES, DYES, COLOR LAKES AND TONERS - MC-28A</b>					
28221-- CYCLIC (COAL TAR) INTERMEDIATES					
2822111 Cyclic (coal tar) intermediates, total.	III	Dollars			
28222-- CYCLIC (COAL TAR) DYES					
2822211 Cyclic (coal tar) dyes, total.....	IV	Dollars			
28223-- SYNTHETIC ORGANIC PIGMENTS, LAKES, AND TONERS					
2822311 Synthetic organic pigments, lakes, and toners, total.....	V	Dollars			



## MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Basis (B1)	Unit of measure (B2)	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)
<b>INDUSTRY 2823- PLASTICS MATERIALS - MC-28B</b>					
<b>28231-- CELLULOSE PLASTICS MATERIAL (INCLUDING FILLERS, PLASTICIZERS AND EXTENDERS)</b>					
Cellulose acetate and mixed ester (including acetate butyrate and propionate plastics)					
2823111		M pounds			
2823113		M pounds			
2823119		M pounds			
2823121		M pounds			
2823123		M pounds			
2823125		M pounds			
		M pounds			
		M pounds			
<b>Nitrocellulose</b>					
2823131		M pounds			
2823135		M pounds			
2823139		M pounds			
		M pounds			
		M pounds			
<b>2823198 Other cellulose plastics (including methyl and ethyl cellulose and related plastics) (Specify kind and use)</b>					
		M pounds			
		M pounds			
<b>28232-- VULCANIZED FIBER</b>					
2823211		M pounds			
2823251		M pounds			
<b>28233-- REGENERATED CELLULOSIC PRODUCTS, INCLUDING CELLOPHANE (EXCLUDE RAYON AND SAUSAGE CASINGS)</b>					
2823311		M pounds			
2823331		M pounds			
2823351		M pounds			
2823398		M pounds			
		M pounds			
<b>28234-- VINYL AND POLYETHYLENE UNSUPPORTED FILM AND SHEETING (EXCLUDE FLOOR AND WALL COVERINGS) (SEE ALSO INDUSTRY 3971)<sup>1</sup></b>					
Vinyl sheeting and film (including fillers, plasticizers, and extenders)					
2823411		M pounds			
2823413		M pounds			
2823415		M pounds			
2823417		M pounds			
2823421		M pounds			
2823423		M pounds			
2823425		M pounds			
<b>Polyethylene sheeting and film</b>					
2823451		M pounds			
2823453		M pounds			
2823455		M pounds			
2823457		M pounds			

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Basis (B1)	Unit of measure (B2)	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)
<b>INDUSTRY 2823 - PLASTICS MATERIALS - MC-28B--Continued</b>					
<b>28235-- SYNTHETIC RESINS (EXCLUDING RESINS FOR PROTECTIVE COATINGS)</b>					
<b>Phenolic and other tar acid resins (including mixtures)</b>					
2823511 Casting.....	Dry	M pounds			
2823513 Laminating.....	Dry	M pounds			
2823515 Adhesive.....	Dry	M pounds			
2823517 Molding materials (including fillers, plasticizers, and extenders).....		M pounds			
2823519 Other uses excluding protective coatings (Specify use).....	Dry	M pounds			
<b>Urea and melamine resins (including dimethylol urea)</b>					
2823521 Adhesive.....	Dry	M pounds			
2823523 Textile and paper treating resins.....	Dry	M pounds			
2823525 Laminating.....	Dry	M pounds			
2823527 Molding materials (including fillers, plasticizers, and extenders).....		M pounds			
2823529 Other uses excluding protective coatings (Specify use).....	Dry	M pounds			
<b>Vinyl resins</b>					
2823531 Safety glass sheeting (including fillers, plasticizers, and extenders).....		M pounds			
2823533 For sheeting.....	Resin	M pounds			
2823535 Textile and paper coating resins.....	Resin	M pounds			
2823537 Adhesive.....	Resin	M pounds			
2823541 Molding and extrusion material.....	Resin	M pounds			
2823543 Other uses excluding protective coatings (Specify use).....	Dry	M pounds			
<b>Polystyrene resins</b>					
2823551 Molding materials (including fillers, plasticizers, and coloring material).....		M pounds			
2823553 Reinforcing.....		M pounds			
2823555 Other uses excluding protective coatings (Specify use).....	Dry	M pounds			
<b>Polyethylene (except sheeting and film), other uses excluding protective coatings and monofilaments.....</b>					
2823571 Molding materials (including fillers, plasticizers, and extenders).....		M pounds			
2823575 Other uses excluding protective coatings (Specify use).....	Dry	Pound			
<b>PLASTICS AND RESIN MATERIALS, N.E.C.</b>					
<b>Casein plastics</b>					
2823611 For adhesives.....		M pounds			
2823615 For other uses.....		M pounds			
2823631 Protective coatings (Alkyd and other synthetic resins)		M pounds			
2823698 Other plastics and resin materials, n.e.c. (excluding photographic film, rayon or nitro-explosives) (Specify use).....	Dry	M pounds			

<sup>1</sup>Classify in Industry 2823, if plant produces sheeting and film primarily from resinous materials made in the same establishment.

## NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	Total shipments and interplant transfers		Transfers to other plants of your company Value f.o.b. plant (omit cents) (G)	Other shipments on sales Value f.o.b. plant (omit cents) (I)
			Quantity (D)	Value f.o.b. plant (omit cents) (sum of columns (G) + (I)) (E)		
INDUSTRY 2824 - SYNTHETIC RUBBER - MC-28C						
28240--	SYNTHETIC (CHEMICAL) RUBBER Synthetic (chemical) rubbers and other synthetic elastomers					
2824011	M pounds					
2824051	M pounds					



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)	Made and consumed in this plant (quantity) (H)
<b>INDUSTRY 2825 - RAYON, ACETATE, NONCELLULOSIC SYNTHETIC FIBERS, AND RELATED PRODUCTS - MC-28D</b>					
<b>28251-- ACETATE YARN</b>					
Packaged yarn production					
2825111	45 denier and finer (47 and less denier).....	M pounds			
2825113	50 and 55 denier (48 to 62 denier).....	M pounds			
2825115	75 denier (63 to 87 denier).....	M pounds			
2825117	100 denier (88 to 112 denier).....	M pounds			
2825121	120 and 125 denier (113 to 137 denier).....	M pounds			
2825123	150 denier (138 to 162 denier).....	M pounds			
2825125	200 denier (163 to 237 denier).....	M pounds			
2825127	250 and 300 denier (238 to 374 denier).....	M pounds			
2825131	450 denier (375 to 524 denier).....	M pounds			
2825133	600 denier (525 to 749 denier).....	M pounds			
2825135	900 denier (750 to 999 denier).....	M pounds			
2825137	1,100 denier (1,000 to 1,374 denier).....	M pounds			
2825139	1,650 denier (1,375 and up) (Specify denier)	M pounds			
	.....	M pounds			
2825141	Staple.....	M pounds			
2825151	Tow.....	M pounds			
2825198	Other acetate products, n.e.c. (Specify kind)	M pounds			
	.....	M pounds			
<b>28252-- RAYON YARN, VISCOSE AND CUPRAMMONIUM PROCESS</b>					
Packaged yarn production					
2825211	45 denier and finer (47 and less denier).....	M pounds			
2825213	50 and 55 denier (48 to 62 denier).....	M pounds			
2825215	75 denier (63 to 87 denier).....	M pounds			
2825217	100 denier (88 to 112 denier).....	M pounds			
2825221	120 and 125 denier (113 to 137 denier).....	M pounds			
2825223	150 denier (138 to 162 denier).....	M pounds			
2825225	200 denier (163 to 237 denier).....	M pounds			
2825227	250 and 300 denier (238 to 374 denier).....	M pounds			
2825231	450 denier (375 to 524 denier).....	M pounds			
2825233	600 denier (525 to 749 denier).....	M pounds			
2825235	900 denier (750 to 999 denier).....	M pounds			
2825237	1,100 denier (1,000 to 1,374 denier).....	M pounds			
2825239	1,650 denier (1,375 and up) (Specify denier)	M pounds			
	.....	M pounds			
2825241	Staple.....	M pounds			
2825251	Tow.....	M pounds			
2825261	Waste (including staple waste).....	M pounds			
2825298	Other rayon products, n.e.c., including "horsehair" straw, etc. (Specify kind)	M pounds			
	.....	M pounds			
<b>28253-- NON-CELLULOSIC SYNTHETIC FIBERS OTHER THAN GLASS FIBERS</b>					
Polyvinyl acetate fibers					
2825311	Filament yarn.....	M pounds			
2825315	Staple and tow.....	M pounds			
Polyvinylidene chloride fibers					
2825321	Filament yarn and monofilaments.....	M pounds			
2825325	Staple and tow.....	M pounds			
Polymeric amide fibers					
2825331	Filament yarn (including monofilaments 20 denier and finer)....	M pounds			
2825333	Monofilaments (bristles, sutures, leaders, etc.).....	M pounds			
2825335	Staple and tow.....	M pounds			
Acrylonitrile fibers					
2825341	Filament yarn.....	M pounds			
2825345	Staple and tow.....	M pounds			
Polyester fibers					
2825351	Filament yarn.....	M pounds			
2825355	Staple and tow.....	M pounds			
2825361	Polyethylene fibers, monofilaments.....	M pounds			
2825371	Protein fibers, staple and tow.....	M pounds			
Other synthetic fibers, other than rayon and glass					
2825381	Filament yarn (Specify kind)	M pounds			
	.....	M pounds			
2825385	Staple and tow (Specify kind)	M pounds			
	.....	M pounds			

## MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2826 - EXPLOSIVES - MC-28E				
28260--	EXPLOSIVES			
	Industrial explosives			
2826011	Black blasting powder.....	Case or keg (25 lbs.)		
2826013	Permissibles.....	M pounds		
2826015	High explosives excluding permissibles.....	M pounds		
	Nitroglycerine			
2826021	For sale as such (including U. S. Government contracts).....	M pounds		
2826023	Receipts for contract work in shooting wells including value of nitroglycerine used.....	Dollars		
2826027	Other industrial explosives (Specify kind)			
	.....	M pounds		
	.....	M pounds		
	Propellants			
2826031	Smokeless powder (including U. S. Government contracts).....	M pounds		
2826035	Other propellants, including black gun powder.....	M pounds		
	Blasting accessories			
2826041	Safety fuse.....	M feet		
	Detonators			
2826043	Blasting caps, electric, delay.....	M units		
2826045	Blasting caps, electric, except delay.....	M units		
2826047	Blasting caps, except electric.....	M units		
2826051	Detonating fuse.....	M feet		
2826061	Other blasting accessories (squibs, igniters, etc.) (Specify kind)			
	.....	Dollars		
	.....	Dollars		
2826071	Other explosives except industrial (Specify kind)			
	.....	Dollars		
	.....	Dollars		
	.....	Dollars		
2826X11	NITROGLYCERINE MADE AND CONSUMED IN SHOOTING WELLS UNDER CONTRACT.....	M pounds		

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	Total shipments and interplant transfers		Transfers to other plants of the same company		
			Quantity (D)	Value f.o.b. plant (omit cents) (E)	Quantity (F)	Value f.o.b. plant (omit cents) (G)	
INDUSTRY 2829 - ORGANIC CHEMICALS, N.E.C. - MC-28A							
28291--	ETHYL ALCOHOL						
2829111	Pure (natural).....	M proof gal.					
2829151	Denatured (special or complete) (including natural and synthetic) for uses other than rubbing alcohol.....	M wine gal.					
		U. S. Tariff Commission Section Number (B1)	Unit of measure (B2)	Total shipments and interplant transfers value f.o.b. plant (omit cents) (E)	Transfers to other plants of your company value f.o.b. plant (omit cents) (G)	Other shipments or sales, value f.o.b. plant (omit cents) (I)	
28292--	MISCELLANEOUS CYCLIC (COAL-TAR CHEMICAL PRODUCTS						
2829211	Miscellaneous cyclic (coal tar) chemical products, total.....	XIV	Dollars				
28293--	MISCELLANEOUS ACYCLIC CHEMICALS AND CHEMICAL PRODUCTS						
2829311	Miscellaneous acyclic chemicals and chemical products, total.....	XV	Dollars				
28294--	SYNTHETIC ORGANIC CHEMICALS, N.E.C.						
2829411	Flavor and perfume materials, total....	VII	Dollars				
2829431	Rubber-processing chemicals, total....	IX	Dollars				
2829451	Plasticizers, total.....	XI	Dollars				
2829471	Other bulk surface active agents, other than sulfonated oils and fats and other than detergents (emulsifiers penetrants, wetting agents, etc.).....	XII	Dollars				
28295--	PESTICIDES AND OTHER ORGANIC AGRICULTURAL CHEMICALS						
2829511	Pesticides and other organic agricultural chemicals (excluding preparations).....	XIII	Dollars				
		Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	Total shipments and interplant transfers Quantity (D)	Value f.o.b. plant (omit cents) (E)	Transfers to other plants of your company Quantity (F)	Value f.o.b. plant (omit cents) (G)
28296--	OTHER INDUSTRIAL ORGANIC CHEMICALS, N.E.C.						
	Other synthetic organic chemicals (data for which are not reported to Tariff Commission)	Pound					
2829611	Flavor oil mixtures and blends.....						
2829631	Other products (Specify kind and unit of measure)						
2829651	Other natural organic chemicals (except ethyl alcohol) (Specify kind)	Dollars					
		Dollars					
2829671	Reagent and high purity grades of organic chemicals refined from purchased technical grades.....	Dollars					



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Total shipments and interplant transfers, value f.o.b. plant (omit cents) (E)	Transfers to other plants of the same company, value f.o.b. plant (omit cents) (G)	Other shipments	
			For veterinary use, value f.o.b. plant (omit cents) (H)	For human use, value f.o.b. plant (omit cents) (I)
INDUSTRY 2831 - BIOLOGICAL PRODUCTS - MC28F				
28310--	BIOLOGICAL PRODUCTS			
	Biological products			
2831011	Antibacterial serums and antiserums.....			
2831012	Antitoxins and antitoxic serums.....			
2831013	Allergenic extracts.....			
2831014	Bacterial toxins, modified toxins, and venoms.....			
2831015	Bacterial vaccines, antigens, and mixed vaccines.....			
2831016	Diagnostic agents biological.....			
2831017	Normal serums, normal blood derivatives, whole blood, and naturally produced antibodies.....			
2831018	Viruses, vaccines, and tissue product derivatives, except endocrine and multiglandular.....			
2831019	Miscellaneous biological products.....			
	Bacteriological materials			
2831051	Culture media (including agar-agar).....			
2831059	Other bacteriological materials.....			

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)		Total shipments and interplant transfers value f.o.b. plant (omit cents) (E)
INDUSTRY 2832 - BOTANICAL PRODUCTS - MC28F		
28320--	BOTANICAL PRODUCTS	
2832011	Botanical drugs, in bulk (uncompounded) (Specify kind)	
INDUSTRY 2833 - MEDICINAL CHEMICALS - MC28F		
28331--	DRUGS OF ANIMAL ORIGIN IN BULK (UNCOMPOUNDED)	
	Dried glands and other animal organs and tissue and extractions thereof	
	Endocrine glands and tissue, and extractions	
2833111	Adrenal.....	
2833112	Ovaries.....	
2833113	Thyroid.....	
2833114	Pituitary.....	
2833119	Miscellaneous endocrine glands and tissue, and extractions thereof.....	
2833121	Liver and stomach.....	
2833131	Other dried glands, animal organs and tissues, and extractions thereof.....	
	Endocrine principles excluding sex hormones	
2833141	Insulin.....	
2833145	Other endocrine principles excluding sex hormones (Specify kind)	
	Sex hormones, natural and synthetic	
2833151	Estrogen.....	
2833155	Other sex hormones, natural and synthetic (Specify kind)	
2833161	Bile and derivatives.....	
2833198	Other drugs of animal origin, uncompounded (Specify kind)	
28332--	INORGANIC AND ORGANIC MEDICINALS (BULK TYPE)	
	Botanical derivatives, in bulk (uncompounded)	
	Alkaloids and salts	
	Cinchona	
2833211	Quinine and salts.....	
2833212	Other cinchona.....	
2833213	Strychnine and salts.....	
2833214	Codeine and salts.....	
2833215	Morphine and salts.....	
2833219	Other alkaloids and salts (including mixtures)(Specify kind)	
2833221	Neutral principles, M.G. (including mixtures).....	
	Antibiotics, in bulk	
2833231	For animal feeds.....	
	Except for animal feeds	
2833233	Dihydrostreptomycin.....	
2833235	Penicillin and salts.....	
2833237	Streptomycin.....	
2833239	Other antibiotics (Specify kind)	
2833241	Botanical derivatives, uncompounded, n.e.c. (including antibiotics) (Specify kind)	
	Other medicinal chemicals, in bulk (uncompounded)	
	Naturally occurring vitamins, in bulk	
2833251	Derived from yeast.....	
2833253	Derived from plants (carotene, etc.).....	
	Derived from fish liver and oil concentrates	
2833255	Vitamin A.....	
2833257	Vitamin D.....	
2833261	Inorganic medicinal chemicals in bulk (uncompounded) (Specify kind)	
2833271	Natural organic medicinal chemicals, in bulk (uncompounded) not included in above (Specify kind)	
2833281	Synthetic organic medicinal chemicals in bulk (uncompounded) (detail data for which are reported on U. S. Tariff Commission Schedule "Synthetic Organic Chemicals" Section No. VI) (Specify kind)	

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)		Shipments and interplant transfers, f.o.b. plant (omit cents)		
		Total (E)	Ethical preparations, (products primarily advertised or otherwise promoted to or prescribed by the medical profession) (H)	Proprietary preparations, (products primarily advertised or otherwise promoted to the general public) (I)
INDUSTRY 2834 - PHARMACEUTICAL PREPARATIONS - MC-28F				
28341--	PHARMACEUTICAL PREPARATIONS FOR VETERINARY USE			
2834111	For poultry.....			
2834121	For livestock, excluding poultry.....			
2834131	For pets and small animals.....			
28342--	ANTIBIOTIC PREPARATIONS FOR HUMAN USE			
	Penicillin in preparation without other active agents			
2834211	Parenteral.....			
2834213	Tablets, pills, capsules, lozenges and other solid oral forms.....			
2834215	Liquid oral forms.....			
2834217	Other forms.....			
	Penicillin in preparation with other active agents			
2834221	Parenteral.....			
2834223	Tablets, pills, capsules, lozenges and other solid oral forms.....			
2834225	Liquid oral forms.....			
2834227	Other forms.....			
	Streptomycin			
	In preparation without other active agents			
2834231	Parenteral.....			
2834233	Other forms.....			
	In preparation with other active agents			
2834235	Parenteral.....			
2834237	Other forms.....			
	Dihydrostreptomycin			
	In preparation without other active agents			
2834241	Parenteral.....			
2834243	Other forms.....			
	In preparation with other active agents			
2834245	Parenteral.....			
2834247	Other forms.....			
	Other antibiotic preparation without active agents			
2834251	Parenteral.....			
2834253	Tablets, pills, capsules, lozenges and other solid oral forms.....			
2834255	Liquid oral forms.....			
2834257	Other forms.....			
	Other antibiotic preparation with other active agents			
2834261	Parenteral.....			
2834263	Tablets, pills, capsules, lozenges and other solid oral forms.....			
2834265	Liquid oral forms.....			
2834267	Other forms.....			
28343--	COUGH AND COLD PRODUCTS (EXCLUDING ANALGESICS AND ANTIHISTAMINES) FOR HUMAN USE			
2834311	Cough drops, lozenges, gums, and pastilles to retail at over 10¢ per package.....			
2834321	Cough syrups, elixirs, and expectorants.....			
2834331	Salves and ointments.....			
2834341	Cold tablets.....			
2834351	Nose drops and inhalants.....			
2834361	All other cough and cold products.....			



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)		Shipments and interplant transfers, f.o.b. plant (omit cents)		
		Total (E)	Ethical preparations, (products primarily advertised or otherwise promoted to or prescribed by the medical profession) (H)	Proprietary preparations, (products primarily advertised or otherwise promoted to the general public) (I)
INDUSTRY 2834 - PHARMACEUTICAL PREPARATIONS - MC-28F--Continued				
28344--	LAXATIVES, CATHARTICS, ANTACIDS, STOMACH AND ULCER PRODUCTS FOR HUMAN USE			
	Antacids, stomach, and ulcer products (excluding analgesics, laxatives, and milk of magnesia)			
	Antacids			
2834411	Tablets, pills, gums, lozenges.....			
2834413	Powders.....			
2834415	Liquids.....			
2834421	Other stomach and ulcer remedies.....			
	Laxatives			
	Milk of magnesia			
2834431	Liquid.....			
2834435	Tablets.....			
2834441	Mineral oils and emulsions.....			
2834451	Saline preparations.....			
	Bulk type laxatives			
2834461	Without other active agents.....			
2834465	With other active agents.....			
	All other laxatives, cathartics, and purgatives			
2834471	Pills, tablets, gums, lozenges and other solid forms..			
2834475	Liquid oral forms.....			
2834479	Other.....			
28345--	VITAMINS FOR HUMAN USE			
2834511	Parenteral preparations.....			
2834521	Tablets, pills, capsules, lozenges, and other solid oral forms.....			
2834531	Liquid oral forms.....			
2834541	Other forms.....			
28346--	ALL OTHER PHARMACEUTICAL PREPARATIONS FOR HUMAN USE			
2834611	Anaesthetics (excluding topical preparation and gases)....			
	Analgesics			
	External analgesics and counter-irritants			
2834612	Ointments, jellies, pastes, creams, cerates, and salves.....			
2834613	Liquids (excluding rubbing alcohol, but including liniments).....			
	Rubbing alcohol			
2834614	Ethyl.....			
2834615	Other.....			
2834616	Other external analgesics including irritant and counter-irritant plasters.....			
	Internal analgesics, excluding narcotics and hypnotics			
2834617	Aspirin (acetylsalicylic acid).....			
2834618	Aspirin compounds, non-effervescent.....			
2834619	Other internal analgesics including effervescent type.			
	Antihistamines			
2834621	Tablets, pills, capsules, lozenges, and other oral solids.....			
2834622	Liquid oral forms.....			
2834623	Other forms.....			
	Antiseptics, fungicides, germicides, external (including feminine hygiene products)			
2834625	Ointments, jellies, pastes, creams, cerates, and salves.			
2834627	Powders.....			
2834629	Liquids, (including tincture of iodine).....			
2834631	Dietary depressants (reducing preparations).....			
2834633	Dietary supplements (other than vitamins), products containing less than 50 percent milk base by weight.....			
	Hematinics (excluding Vitamin B12)			
2834635	Parenteral.....			
2834637	Tablets, pills, capsules and other solid oral forms....			
2834639	Liquid oral forms.....			

## MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Shipments and interplant transfers, f.o.b. plant (omit cents)		
	Total (E)	Ethical preparations, (products primarily advertised or otherwise promoted to or prescribed by the medical profession) (H)	Proprietary preparations, (products primarily advertised or otherwise promoted to the general public) (I)
INDUSTRY 2834 - PHARMACEUTICAL PREPARATIONS - MC-28F--Continued			
28346-- ALL OTHER PHARMACEUTICAL PREPARATION FOR HUMAN USE--Cont'd.			
Hormone preparations, natural and synthetic			
Sex hormone			
2834641 Androgenic.....			
2834642 Estrogenic.....			
2834643 Mixed androgens and estrogens.....			
2834644 Thyroid.....			
2834645 Insulin.....			
2834646 ACTH (adrenocorticotropic hormone).....			
2834647 Cortical hormones.....			
2834649 Other hormonal products.....			
Hypnotics and sedatives (excluding narcotics)			
Barbituates in preparation without other active agents			
2834650 Parenteral.....			
2834651 Tablets, pills, capsules, and other solid oral forms..			
2834652 Liquid oral forms.....			
2834653 Other.....			
Barbituates in preparation containing other active agents			
2834654 Parenteral.....			
2834655 Tablets, pills, capsules, and other solid forms.....			
2834656 Liquid oral form.....			
2834657 Other.....			
2834658 All other hypnotics (except barbituates and narcotics)..			
2834659 All other sedatives.....			
Narcotics			
Narcotics in preparations without other active agents			
2834661 Parenterals.....			
2834662 Tablets, pills, capsules, and other solid forms.....			
2834663 Liquid oral forms.....			
2834664 Other.....			
Narcotics in preparations containing other active agents			
2834665 Parenterals.....			
2834666 Tablets, pills, capsules, and other solid forms.....			
2834667 Liquid oral forms.....			
2834669 Other.....			
Sulfonamides			
Sulfonamides in preparation without other active agents			
2834671 Parenteral.....			
2834672 Tablets, pills, capsules, lozenges and other solid oral forms.....			
2834673 Liquid oral forms.....			
2834674 Other forms.....			
Sulfonamides in preparations containing other active agents			
2834675 Parenteral.....			
2834676 Tablets, pills, capsules, lozenges and other solid oral forms.....			
2834677 Liquid oral forms.....			
2834679 Other forms.....			
Tonics and alteratives			
2834681 Tablets, pills, lozenges (including yeast tablets).....			
2834683 Liquids.....			
Other pharmaceutical preparations for human use			
2834685 Parenteral.....			
2834686 Tablets, pills, capsules, lozenges, and other solid oral forms.....			
2834687 Liquid oral forms.....			
2834689 Other forms.....			

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)	Produced and consumed in this plant (quantity) (H)
<b>INDUSTRY 2841 - SOAP AND GLYCERIN - MC28G</b>					
28411--	SOAPS, EXCEPT SPECIALTY PACKAGED (SEE ALSO INDUSTRY 2842) <sup>1</sup>				
2841111	Bars (including mechanics' and soaps and shaving soaps)				
	Toilet, including medical and medicated (when less than 2 pounds each)..... M pounds				
	Laundry and household				
2841113	White (made with not more than 10 percent resin)..... M pounds				
2841115	Yellow (made with more than 10 percent resin)..... M pounds				
2841119	Other (including industrial) (Specify kind)..... M pounds				
	..... M pounds				
2841121	Chips and flakes (under 25 lbs.)..... M pounds				
2841123	Granulated, powdered and sprayed (containing more than 25 percent anhydrous soap) (under 25 lbs.)..... M pounds				
2841125	Washing powder (containing 25 percent or less anhydrous soap) (under 25 lbs.)..... M pounds				
2841127	Liquid (potash and other, excluding shampoos) (when in individual containers of less than 1 gallon)..... Gallon				
2841131	Paste and jelly (potash and other, excluding mechanics', hand paste) (when in individual containers of 25 lbs. or less)..... M pounds				
2841141	Scouring cleansers containing abrasives, made with soap (under 25 lbs.)..... M pounds				
2841198	Other soaps (Specify kind) (when in individual containers of 25 lbs. or less)..... M pounds				
	..... M pounds				
28412--	SOAPS, EXCEPT SPECIALTY, BULK (SEE ALSO INDUSTRY 2842) <sup>1</sup>				
2841211	Chips and flakes (25 lbs. and over)..... M pounds				
2841223	Granulated, powdered, and sprayed (containing more than 25 percent anhydrous soap) (25 lbs. and over)..... M pounds				
2841225	Washing powder (containing 25 percent or less anhydrous soap) (25 lbs. and over)..... M pounds				
2841227	Liquid (potash and other, excluding shampoos) (when in individual containers of 1 gallon or more)..... Gallon				
2841231	Paste and jelly (potash and other, excluding mechanics', hand paste) (when in individual containers of more than 25 lbs.)..... M pounds				
2841241	Scouring cleansers containing abrasives, made with soap (25 lbs. and over)..... M pounds				
2841298	Other soaps (Specify kind) (when in individual containers of more than 25 lbs.)..... M pounds				
	..... M pounds				
28413--	SPECIALTY SOAPS (SEE ALSO INDUSTRIES 2842 AND 2893) <sup>1</sup>				
2841311	Mechanics', hand soaps and pastes, made with soap..... M pounds				
	Shaving preparations, soap or soap base				
	Lather cream				
2841331	Tube and jar..... Pound				
2841335	Aerosols..... Pound				
2841341	Stick, powder, or cake..... Pound				
28414--	GLYCERIN				
2841411	Crude 100 percent basis..... M pounds				
2841431	High-gravity, dynamite, and yellow distilled, 100 percent basis. M pounds				
2841451	Chemically pure, 100 percent basis..... M pounds				
2893211	SHAMPOOS CONTAINING SOAP (SEE ALSO INDUSTRY 2893) <sup>1</sup> ..... Pound				

<sup>1</sup>Classify in Industry 2841, if plant is primarily engaged in producing soap or soap products in soap kettles located in this establishment.



## MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)		Basis (B <sub>1</sub> )	Unit of measure (B <sub>2</sub> )	Production for all purposes including further manufacture (quantity) (C)	(D)	(E)
INDUSTRY 2842 - CLEANING AND POLISHING PREPARATIONS - MC-28G						
28421--	SYNTHETIC ORGANIC DETERGENTS, PACKAGED					
	Synthetic organic detergents (not in combination with soap; including combination with inorganic alkaline detergents)					
2842111	Liquid (when in individual containers of less than 1 gallon).....	Finished weight	M gallons			
2842113	Bars (when in individual containers of less than 25 lbs.)	Finished weight	M pounds			
2842115	Granulated, powdered, sprayed, chips, and flakes (containing 10 percent or more synthetic organic surface active agents) (under 25 lbs.).....	Finished weight	M pounds			
2842117	Washing powders (containing less than 10 percent organic surface active agents) (under 25 lbs.).....	Finished weight	M pounds			
2842119	Paste and jelly (individual containers of less than 25 lbs.).....	Finished weight	M pounds			
2842131	Synthetic organic detergents in combination with soap					
	Liquid (when in individual containers of less than 1 gallon).....					
	Bars (in containers of less than 25 lbs.).....					
2842133	Bars (in containers of less than 25 lbs.).....	Finished weight	M gallons			
2842135	Granulated, powdered, sprayed, chips, and flakes (containing 10 percent or more organic surface active agents) (under 25 lbs.).....	Finished weight	M pounds			
2842137	Paste or jelly (in containers of less than 25 lbs.).....	Finished weight	M pounds			
	Scouring cleansers containing abrasives made with					
2842151	Synthetic organic detergents (under 25 lbs.).....	Finished weight	M pounds			
2842155	Others (including combination soap and S.O.D.) (under 25 lbs.).....	Finished weight	M pounds			
28422--	SYNTHETIC ORGANIC DETERGENTS, BULK					
	Synthetic organic detergents (not in combination with soap; including combinations with inorganic alkaline detergents)					
2842211	Liquid (when in individual containers of 1 gallon or more)	Finished weight	M gallons			
2842213	Bars (when in individual containers of 25 lbs. or more)..	Finished weight	M pounds			
2842215	Granulated, powdered, sprayed, chips, and flakes (containing 10 percent or more synthetic organic surface active agents) (25 lbs. or over).....	Finished weight	M pounds			
2842217	Washing powders (containing less than 10 percent synthetic organic surface active agents) (25 lbs. or over)....	Finished weight	M pounds			
2842219	Paste and jelly (individual containers of 25 lbs. or more).....	Finished weight	M pounds			
	Synthetic organic detergents in combination with soap					
2842231	Liquid (when in individual containers of 1 gallon or more)	Finished weight	M gallons			
2842233	Bars (in containers of 25 lbs. or more).....	Finished weight	M pounds			
2842235	Granulated, powdered, sprayed, chips, and flakes (containing 10 percent or more synthetic organic surface active agents) (25 lbs. or more).....	Finished weight	M pounds			
2842237	Paste or jelly (in containers of 25 lbs. or more).....	Finished weight	M pounds			
	Scouring cleansers containing abrasives made with					
2842251	Synthetic organic detergents (25 lbs. or over).....	Finished weight	M pounds			
2842255	Others (including combination soap and S.O.D.) (25 lbs. and over).....	Finished weight	M pounds			
2842271	Bulk surface active agents, other than sulfonated oils and fats, primarily for detergent purpose.....	Finished weight	M pounds			

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS - Continued

(A)	(B <sub>1</sub> )	Unit of measure (B <sub>2</sub> )	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)
<b>INDUSTRY 2842 - CLEANING AND POLISHING PREPARATIONS - MC28G--Continued</b>					
<b>28423-- SPECIALTY DETERGENTS</b>					
2842311	Glass window cleaning liquids.....	Gallon			
2842321	Oil and dust absorbents, including sweeping compounds.....	M pounds			
2842331	Toilet bowl cleaner and drain pipe solvents.....	Pound			
2842341	Wall paper, window shade and wall cleaner.....	M pounds			
Paint and varnish removers					
2842351	Methylchloride type.....	Gallon			
2842355	Other types.....	Gallon			
Brush cleaners					
2842361	Powder.....	Pound			
2842365	Liquid.....	Gallon			
Mechanics hand soaps and pastes made with					
2842371	Synthetic organic detergent.....	M pounds			
2842375	Other including combination.....	M pounds			
2842381	Dry cleaning spotting preparations (liquids).....	Gallon			
2842385	Rug cleaners (including upholstery cleaners).....	Pound			
<b>28424-- POLISHING PREPARATIONS AND RELATED PRODUCTS</b>					
2842411	Automobile body polish and cleaners.....	M pounds			
2842415	Furniture polishes and cleaners.....	M pounds			
Floor polish					
2842421	Water emulsion.....	M gallons			
2842423	Liquid (other than water emulsion).....	M gallons			
2842425	Paste and cake.....	M pounds			
2842429	Other.....	M pounds			
2842435	Metal polish (excluding stove polish).....	Pound			
Shoe polishes and cleaners					
White					
2842441	Liquid.....	Gallon			
2842443	Paste.....	Pound			
Other than white					
2842445	Liquid.....	Gallon			
2842447	Paste.....	Pound			
2842451	Chemically treated cleaning and polishing cloths and papers	Dollars			
Leather dressings and finishes (excluding shoe polish)					
2842461	Leather hlackings and stains.....	M pounds			
2842465	Other leather dressings and finishes.....	M pounds			
2842471	Dressing, excluding leather (auto top, etc.) (Specify kind)				
.....					
.....					
.....					
2842498	Other polishing preparations and related products, n.e.c. (Specify kind)				
.....					
.....					
<b>28425-- ALKALINE DETERGENTS (MIXTURE CONTAINING SODIUM AND/OR PHOSPHATIC COMPOUNDS)</b>					
Liquid preparations					
2842511	Packaged (when in individual containers of less than 1 gallon).....	Finished weight M gallons			
2842515	Bulk (when in individual containers of 1 gallon or more). Solid (including bars, flake, or powder)	Finished weight M gallons			
2842551	Packaged (in individual containers of 25 lbs. or less)...	Finished weight M pounds			
2842555	Bulk (in individual containers of more than 25 lbs.)....	Finished weight M pounds			

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure	Production for all purposes including further manufacture (quantity) (C)	(D)	(E)
INDUSTRY 2842 - CLEANING AND POLISHING PREPARATIONS - MC28G--Continued				
28411-- SOAPS, EXCEPT SPECIALTY PACKAGED (SEE ALSO INDUSTRY 2841) <sup>1</sup>				
Bars (excluding mechanics' hand soaps and shaving soaps)				
2841111 Toilet, including medical and medicated (when less than 2 pounds each).... Laundry and household	M pounds			
2841113 White (made with not more than 10 percent resin).....	M pounds			
2841115 Yellow (made with more than 10 percent resin).....	M pounds			
2841119 Other (including industrial) (Specify kind) .....	M pounds			
2841121 Chips and flakes (under 25 lbs.).....	M pounds			
2841123 Granulated, powdered and sprayed (containing more than 25 percent anhydrous soap) (under 25 lbs.).....	M pounds			
2841125 Washing powder (containing 25 percent or less anhydrous soap) (under 25 lbs.)	M pounds			
2841127 Liquid (potash and other, excluding shampoos) (when in individual containers of less than 1 gallon).....	Gallon			
2841131 Paste and jelly (potash and other, excluding mechanics' hand paste) (when in individual containers of 25 lbs. or less).....	M pounds			
2841141 Scouring cleansers containing abrasives, made with soap (under 25 lbs.)....	M pounds			
2841198 Other soaps (Specify kind) (when in individual containers of 25 lbs. or less) .....	M pounds			
28412-- SOAPS, EXCEPT SPECIALTY, BULK (SEE ALSO INDUSTRY 2841) <sup>1</sup>				
2841211 Chips and flakes (25 lbs. and over).....	M pounds			
2841223 Granulated, powdered, and sprayed (containing more than 25 percent anhydrous soap) (25 lbs. and over).....	M pounds			
2841225 Washing powder (containing 25 percent or less anhydrous soap) (25 lbs. and over).....	M pounds			
2841227 Liquid (potash and other, excluding shampoos) (when in individual containers of 1 gallon or more).....	Gallon			
2841231 Paste and jelly (potash and other, excluding mechanics' hand paste) (when in individual containers of more than 25 lbs.).....	M pounds			
2841241 Scouring cleansers containing abrasives, made with soap (25 lbs. and over)..	M pounds			
2841298 Other soaps (Specify kind) (when in individual containers of more than 25 lbs.) .....	M pounds			
.....	M pounds			
28413-- SPECIALTY SOAPS				
2841311 Mechanics' hand soaps and pastes made with specialty soaps (See also Industry 2841) <sup>1</sup> .....	M pounds			

<sup>1</sup>Classify in Industry 2842, if plant produces soap products primarily from purchased soap.



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)
<b>INDUSTRY 2843 - SULFONATED OILS AND ASSISTANTS - MC-28H</b>				
<b>28430-- SULFONATED OILS AND ASSISTANTS</b>				
Assistants and finishes, textile and leather				
2843011	Sulfonated oils and fats.....	M pounds		
2843031	Softeners, soluble oils and greases.....	M pounds		
2843051	Other assistants (Specify kind)			
	.....	M pounds		
	.....	M pounds		
2843071	Finishes (Specify kind)			
	.....	M pounds		
	.....	M pounds		
<b>INDUSTRY 2851 - PAINTS, VARNISHES, LACQUERS, JAPANS AND ENAMELS - MC-28J</b>				
<b>28511-- TRADE SALES PRODUCTS (INCLUDING GENERAL MAINTENANCE)</b>				
Exterior use				
Oil and alkyd vehicle paints in paste and semi-paste form				
2851111	White lead in oil.....	M pounds		
2851113	Red lead in oil.....	Gallon		
2851115	Other colors in oil and in japan.....	Gallon		
2851117	Other paste and semi-paste paints.....	Gallon		
Oil paints, enamels, and varnishes in ready-mixed form				
2851121	Oil and alkyd vehicle house paints.....	Gallon		
2851123	Enamels (including trim and trellis, porch, and deck).....	Gallon		
2851125	Undercoatings and primers.....	Gallon		
2851127	Barn and roof paints (excluding bituminous paints and roof coatings)....	Gallon		
2851129	Bituminous paints (excluding roof coatings).....	Gallon		
2851131	Metallic paints (aluminum, zinc, bronze, etc.).....	Gallon		
2851133	Varnish, oleoresinous (synthetic).....	Gallon		
2851135	Varnish, oleoresinous (natural).....	Gallon		
2851137	Stain, shingle.....	Gallon		
2851139	Other exterior paints, enamels, and varnishes, (Specify kind)			
	.....	Gallon		
	.....	Gallon		
Water-thinned paints				
2851141	Lime and cement bound, dry.....	M pounds		
2851145	Other exterior water-thinned paints (Specify kind)			
	.....	Gallon		
	.....	Gallon		
Interior use, oil paints, enamels, and varnishes in ready-mixed form				
2851151	Mill white paints.....	Gallon		
2851153	Flat wall paints including semi-paste (oil and alkyd vehicle).....	Gallon		
2851155	Gloss and semi-gloss, including enamels.....	Gallon		
2851156	Undercoatings and primers.....	Gallon		
2851157	Machinery finish.....	Gallon		
2851159	Other interior paints and enamels, not elsewhere listed, (Specify kind)			
	.....	Gallon		
	.....	Gallon		
Varnishes				
2851161	Natural resin varnish, excluding shellac.....	Gallon		
2851163	Synthetic resin base varnish.....	Gallon		
2851165	Spirit varnish, excluding shellac.....	Gallon		
2851167	Shellac varnish.....	Gallon		
2851169	Other interior varnish, not elsewhere listed (Specify kind)			
	.....	Gallon		
	.....	Gallon		
2851171	Stains.....	Gallon		
Water-thinned paints				
Latex base emulsion paints				
2851181	Butadiene-styrene.....	Gallon		
2851182	Vinyl and others.....	Gallon		
2851183	Resin and other bases emulsion paints (paste and semi-paste).....	Gallon		
Casein and other protein bound, glue bound				
2851184	Dry.....	Pound		
2851185	Paste and semi-paste.....	Gallon		
2851186	Plastic texture, paste and dry.....	Pound		
2851187	Calcimines.....	Pound		
2851189	Other interior water-thinned paints.....	Gallon		

## MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes including further manufacture (quantity) (C)	(D)	(E)
INDUSTRY 2851 - PAINTS, VARNISHES, LACQUERS, JAPANS, AND ENAMELS - MC-28J--Continued				
28512-- INDUSTRIAL PRODUCT FINISHES INCLUDING INDUSTRIAL MAINTENANCE SPECIAL COATINGS				
Industrial maintenance special coatings				
2851211 Specially formulated coatings for special conditions in the interior of industrial plants requiring protection against extreme temperatures, fungi, chemicals, fumes, etc.....	Gallon			
2851213 Specially formulated coatings for special conditions in the exterior of industrial plants requiring protection against extreme temperatures, fungi, chemicals, fumes, etc.....	Gallon			
2851215 Traffic paints, all types.....	Gallon			
2851217 Marine paints, ship bottom.....	Gallon			
2851219 Marine paints, other.....	Gallon			
Industrial product finishes				
2851221 Undercoaters and primers, oleoresinous.....	Gallon			
Enamel finishes, excluding lacquer				
2851231 Wrinkle finishes.....	Gallon			
2851233 Hammer, crackle, crystal, pearl essence finishes.....	Gallon			
2851235 Metallic (aluminum, bronze, etc.) including automotive metallic finishes	Gallon			
2851237 Alkyd and oil types.....	Gallon			
2851239 Other types.....	Gallon			
Clear finishes, excluding lacquer				
2851241 Insulating varnishes, electrical types.....	Gallon			
2851243 Alkyd resin base varnishes.....	Gallon			
2851245 Other synthetic resin base varnishes.....	Gallon			
2851247 Natural resin base varnishes, excluding shellac.....	Gallon			
2851251 Spirit varnishes, excluding shellac.....	Gallon			
2851253 Shellac varnishes.....	Gallon			
2851255 Baking and drying japans and driers.....	Gallon			
2851259 Other varnishes, including mixtures, not elsewhere listed.....	Gallon			
2851261 Stains.....	Gallon			
2851263 Dopes, cellulose nitrate and other dopes.....	Gallon			
2851265 Thinners for dopes, lacquers, and oleoresinous thinners, including mixtures and proprietary thinners.....	Gallon			
2851267 Bleached shellac (not varnish).....	M pound			
Lacquers				
Clear				
2851271 Cellulose nitrate.....	Gallon			
2851275 Cellulose lacquer, excluding cellulose nitrate.....	Gallon			
2851277 Non-cellulose lacquers.....	Gallon			
Pigmented				
2851281 Cellulose nitrate.....	Gallon			
2851285 Cellulose lacquer, excluding cellulose nitrate.....	Gallon			
2851287 Non-cellulose lacquers.....	Gallon			
2851298 Other industrial product finishes (Specify kind)				
	Gallon			
	Gallon			

MAJOR GROUP 26 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)	Transfers to other plants of the same company	
					Quantity (F)	Value f.o.b. plant (omit cents) (G)
<b>INDUSTRY 2852 - INORGANIC COLOR PIGMENTS - MC-28J</b>						
28521--	<b>WHITE OPAQUE PIGMENTS</b>					
	White lead, excluding white lead in oil					
2852111	Short ton					
2852115	Short ton					
	Zinc oxide pigments					
2852121	Short ton					
2852125	Short ton					
	Titanium pigments					
2852131	Short ton					
2852135	Short ton					
2852141	Short ton					
2852151	Short ton					
2852161	Short ton					
2852198	Short ton					
	Short ton					
	Short ton					
28522--	<b>CHROME COLORS</b>					
2852211	M pounds					
2852221	M pounds					
2852231	M pounds					
2852251	M pounds					
2852261	M pounds					
2852271	M pounds					
2852298	M pounds					
	M pounds					
28523--	<b>OTHER INORGANIC PIGMENTS, INCLUDING WHITE EXTENDER PIGMENTS</b>					
	White extender pigments					
2852311	Short ton					
2852313	Short ton					
2852315	Short ton					
2852319	Short ton					
	Short ton					
	Short ton					
2852321	Short ton					
	Colored lead pigments					
2852331	Short ton					
2852335	Short ton					
2852341	M pounds					
2852351	M pounds					
2852361	M pounds					
2852371	M pounds					
	M pounds					
	M pounds					
2852398	M pounds					
	M pounds					



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)	Made and consumed in this plant (quantity) (H)
<b>INDUSTRY 2853 - WHITING AND FILLERS - MC-28J</b>					
<b>28530-- WHITING, PUTTY, WOOD FILERS AND ALLIED PAINT PRODUCTS</b>					
2853011	Whiting (including ground limestone or chalk).....	M pounds			
2853031	Wood and textile preservatives (nonpressure type).....	Gallon			
2853051	Wood fillers and sealers.....	Dollars			
	Putties, glazing and caulking compounds				
2853071	Wood and metal sash putties.....	M pounds			
2853075	Caulking compounds.....	M pounds			
2853098	Other allied paint products (Specify kind and unit of measure) ..... .....				
<b>INDUSTRY 2861 - HARDWOOD DISTILLATION - MC-28K</b>					
<b>28610-- HARDWOOD DISTILLATION</b>					
2861011	Acetic acid, natural (basis 100%).....	M pounds			
	Methanol (methyl or wood alcohol)				
2861021	Crude (basis 100%).....	Gallon			
2861025	Refined (basis 100%).....	Gallon			
2861051	Charcoal.....	M pounds			
2861098	Other derivatives of hardwood distillation (Specify kind) ..... .....	Dollars			
		Dollars			
<b>INDUSTRY 2862 - SOFTWOOD DISTILLATION - MC-28K</b>					
<b>28620-- SOFTWOOD DISTILLATION</b>					
Wood turpentine					
2862011	Destructively distilled.....	Gallon			
2862015	Steam and solvent distilled.....	Gallon			
Pine oil					
2862021	Destructively distilled.....	M pounds			
2862025	Steam and solvent distilled.....	M pounds			
		520 pounds net drum			
2862031	Wood rosin.....	Gallon			
2862041	Pine tar and pine tar oil.....	Gallon			
2862051	Charcoal.....	M pounds			
2862098	Other derivatives of softwood distillation (Specify kind) ..... .....	Dollars			
		Dollars			

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)	Made and consumed in this plant (quantity) (H)	
<b>INDUSTRY 2863 - GUM NAVAL STORES - MC-28L</b>						
28630--	<b>GUM NAVAL STORES</b>					
2863011	Gum turpentine.....	50 gal. bbl.				
2863051	Rosin.....	520 pounds net drums				
<b>INDUSTRY 2864 - NATURAL DYEING MATERIALS (COMBINED WITH INDUSTRY 2865)</b>						
<b>INDUSTRY 2865 - NATURAL TANNING AND DYEING MATERIALS (INCLUDES FORMER INDUSTRY 2864) - MC-28H</b>						
28651--	<b>NATURAL DYEING MATERIALS</b>					
2865111	Natural dyestuffs extracts (including logwood, etc.) (solid basis).....	Pound				
28652--	<b>NATURAL TANNING MATERIALS</b>					
	Extracts					
2865211	Chestnut, liquid and solid.....	M tan units				
2865213	Mangrove, liquid and solid.....	M tan units				
2865215	Quebracho, liquid and solid.....	M tan units				
2865217	Wattle, liquid and solid.....	M tan units				
2865219	Other extracts (including blends), liquid and solid (Specify kind and whether liquid or solid) .....	M tan units				
2865231	Ground bark (Specify kind) .....	M tan units				
		Short ton				
		Short ton				
2865251	Chrome tanning mixtures(basis 100% Cr <sub>2</sub> O <sub>3</sub> ).....	M pounds				





MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)	Total production		
					Percentage content of--		
					Nitrogen as N (B1)	Phosphorus as P <sub>2</sub> O <sub>5</sub> (B2)	Potassium as K <sub>2</sub> O (B3)
INDUSTRY 2872 - FERTILIZERS (MIXING ONLY) - MC-28M							
28711--	MIXED FERTIIZERS, COMPLETE AND INCOMPLETE (SEE ALSO INDUSTRY 2871) <sup>1</sup>						
2871111	Complete mixtures (grades guaranteeing N, P <sub>2</sub> O <sub>5</sub> , and K <sub>2</sub> O)						
	.....	Short ton					
	.....	Short ton					
	.....	Short ton					
2871121	Incomplete mixtures						
	Grades guaranteeing N and P <sub>2</sub> O <sub>5</sub> only (including ammonium phosphates and ammoniated supherphosphates)						
	.....	Short ton					
	.....	Short ton					
	.....	Short ton					
2871131	Grades guaranteeing P <sub>2</sub> O <sub>5</sub> and K <sub>2</sub> O only						
	.....	Short ton					
	.....	Short ton					
	.....	Short ton					
2871151	Grades guaranteeing N and K <sub>2</sub> O only						
	.....	Short ton					
	.....	Short ton					
	.....	Short ton					
2871171	Grades guaranteeing N, P <sub>2</sub> O <sub>5</sub> or K <sub>2</sub> O only						
	.....	Short ton					
	.....	Short ton					
	.....	Short ton					

<sup>1</sup>Classify in Industry 2872, if plant primarily produces mixing fertilizers from purchased fertilizer material.

## MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)	Transfers to other plants of the same company		Made and consumed in this plant (quantity) (H)
					Quantity (F)	Value f.o.b. plant (omit cents) (G)	
INDUSTRY 2881 - COTTONSEED OIL MILLS - MC-28N							
28810--	COTTONSEED OIL MILL PRODUCTS						
2881011	Cottonseed oil, crude.....	M pounds					
2881021	Cottonseed oil, refined (after alkali or caustic wash but before bleaching, deodorizing, and/or winterizing).....	M pounds					
2881031	Cake and meal.....	Short ton					
2881041	Linters.....	M pounds					
2881051	Hulls.....	Short ton					
2881098	Other cottonseed products.....	M pounds					
INDUSTRY 2882 - LINSEED OIL MILLS - MC-28N							
28820--	LINSEED OIL MILL PRODUCTS						
2882011	Linseed oil, crude.....	M pounds					
2882031	Linseed oil, processed (refined, boiled, blown, heat treated, or chemically modified).....	M pounds					
2882051	Cake and meal.....	Short ton					
INDUSTRY 2883 - SOYBEAN OIL MILLS - MC-28N							
28830 --	SOYBEAN OIL MILL PRODUCTS						
2883011	Soybean oil, crude.....	M pounds					
2883021	Soybean oil, refined (after alkali or caustic wash but before bleaching, deodorizing, and/or winterizing).....	M pounds					
2883031	Soybean oil processed (acid refined, boiled, blown, heat treated, or chemically modified).....	M pounds					
2883041	Cake and meal.....	Short ton					
2883051	Soy flour and grits.....	M pounds					
2883071	Lecithin.....	M pounds					

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)	Transfers to other plants of the same company		Made and consumed in this plant (quantity) (H)
					Quantity (F)	Value f.o.b. plant (omit cents) (G)	
<b>INDUSTRY 2884 - VEGETABLE OIL MILLS, N.E.C. - MC-28N</b>							
<b>28840-- VEGETABLE OIL MILL PRODUCTS, N.E.C.</b>							
Vegetable oils, except medicinal grades							
Castor bean oil							
2884011	Castor oil No. 1, crude.....	M pounds					
2884013	Castor oil No. 3, crude.....	M pounds					
2884015	Dehydrated castor oil.....	M pounds					
Coconut products							
2884021	Coconut oil, crude.....	M pounds					
2884023	Coconut oil, refined (after alkali or caustic wash but before bleaching, deodorizing, and/or winterizing)....	M pounds					
2884025	Cake and meal.....	Short ton					
2884031	Hydrogenated vegetable oils, inedible..	M pounds					
Peanut products							
2884041	Peanut oil, crude.....	M pounds					
2884043	Peanut oil, refined (after alkali or caustic wash but before bleaching, deodorizing, and/or winterizing)....	M pounds					
2884045	Cake and meal.....	Short ton					
2884051	Tung oil (china-wood oil).....	M pounds					
Other vegetable oils							
2884061	Crude (Specify kind) .....	M pounds					
	.....	M pounds					
2884065	Refined, (after alkali or caustic wash but before bleaching, deodorizing, and/or winterizing) (Specify kind) .....	M pounds					
	.....	M pounds					
2884071	Other vegetable cake and meal (Specify kind) .....	Short ton					
	.....	Short ton					
<b>INDUSTRY 2885 - MARINE ANIMAL OILS (INCLUDED IN INDUSTRY 2889)</b>							
<b>INDUSTRY 2886 - GREASE AND TALLOW - MC-28P</b>							
<b>28861-- GREASE AND TALLOW</b>							
2886111	Grease.....	Short ton					
2886131	Tallow, inedible.....	Short ton					
<b>28862-- FEED AND FERTILIZER BYPRODUCTS</b>							
Animal refuse and garbage, tankage							
2886211	Wet.....	Short ton					
Dry							
2886213	For fertilizer.....	Short ton					
2886215	For feed.....	Short ton					
Meat scraps							
2886221	For fertilizer.....	Short ton					
2886225	For feed.....	Short ton					
Bone meal							
2886231	For fertilizer.....	Short ton					
2886235	For feed.....	Short ton					
Other (dried blood, etc.)							
2886241	For fertilizer (Specify kind) .....	Short ton					
2886251	For feed (Specify kind) .....	Short ton					
All other byproducts (Specify kind)							
2886298	.....	Short ton					
	.....	Short ton					



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

	Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)	Transfers to other plants of the same company		Made and consumed in this plant (quantity) (H)
					Quantity (F)	Value f.o.b. plant (omit cents) (G)	
<b>INDUSTRY 2887 - FATTY ACIDS - MC-28N</b>							
28870--	<b>FATTY ACIDS</b>						
2887011	M pounds	Stearic acid (40-50% stearic content) types commercially designated as single, double, or triple pressed.....					
2887021	M pounds	Other stearic acids (over 50% stearic content), high palmetic (over 60% palmetic), hydrogenated animal and vegetable fatty acids.....					
2887031	M pounds	Hydrogenated fish and marine mammal fatty acids.....					
2887041	M pounds	Unhydrogenated fish and marine mammal fatty acids.....					
2887051	M pounds	Coconut-type fatty acids including coconut, babassu and palm kernel and such fractionated fatty acids as lauric, caprylic, capric, and myristic.....					
2887061	M pounds	Oleic acid, including white oleic and red oil.....					
2887071	M pounds	Unsaturated animal fatty acids (unhydrogenated), other than oleic.....					
2887081	M pounds	Unsaturated vegetable fatty acids (unhydrogenated).....					
<b>INDUSTRY 2889 ANIMAL OILS, N.E.C. (INCLUDES FORMER INDUSTRY 2885) - MC-28N</b>							
28891--	<b>RAW AND ACIDULATED SOAP STOCKS AND FOOTS (ALL TYPES)</b>						
2889111	M pounds	Foots, animal, vegetable, and fish, and acidulated soap stock (Specify whether animal, vegetable, or fish on basis of 100% fatty acid)					
	M pounds						
	M pounds						
28892--	<b>ANIMAL OIL MILL PRODUCTS OTHER THAN FATTY ACIDS</b>						
2889211	M pounds	Animal stearin, inedible.....					
2889298	M pounds	All other animal oils (Specify kind)					
	M pounds						
28893--	<b>MARINE ANIMAL OIL MILL PRODUCTS</b>						
2889311	M pounds	Fish and marine oil.....					
2889331	Short ton	Fish cake and meal.....					
2889351	M pounds	Hydrogenated oils, inedible.....					



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

	Unit of measure	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)
(A)	(B)	(C)	(D)	(E)
INDUSTRY 2893 - TOILET PREPARATIONS - MC-28R--Continued				
<b>DENTIFRICES, INCLUDING MOUTHWASHES, GARGLES AND RINSES</b>				
2893311 Tooth paste.....	Pound			
2893331 Tooth powder.....	Pound			
2893351 Denture cleaner.....	Pound			
2893371 Mouthwashes, including gargles and rinses.....	Dollars			
2893398 Other dentifrices, including liquid tooth cleaners (Specify kind) .....	Pound			
	Pound			
<b>OTHER COSMETICS AND TOILET PREPARATIONS</b>				
Cream (excluding shaving, hair, and deodorants)				
2893411 Cleansing creams.....	Pound			
2893412 Foundation creams.....	Pound			
2893413 Lubricating creams.....	Pound			
2893414 Other creams (Specify kind) .....	Pound			
	Pound			
Cosmetic oils				
2893415 Suntan oils.....	Gallon			
2893416 Baby oils.....	Gallon			
2893417 Other cosmetic oils.....	Gallon			
Lotions (excluding hair and after-shave)				
2893418 Hand lotions.....	Gallon			
2893419 Other lotions (excluding hair and aftershave) (Specify kind) .....	Gallon			
	Gallon			
2893421 Lip preparations (lipstick, lip rouge, etc.).....	Pound			
2893422 Rouges (excluding lip rouge).....	Pound			
2893423 Mascara and eye shadow.....	Pound			
Deodorant (personal)				
2893424 Liquid.....	Gallon			
2893425 Cream.....	Pound			
2893426 Powder (including sticks).....	Pound			
2893427 Depilatories (personal).....	Pound			
Manicuring preparations				
2893431 Nail lacquers and enamels.....	Gallon			
2893433 Nail lacquers and enamel removers.....	Gallon			
2893439 Other manicuring preparations (Specify kind) .....	Dollars			
	Dollars			
Powder				
2893441 Talcum and toilet powder.....	Pound			
2893443 Face powder.....	Pound			
2893445 Liquid and compact for wet application.....	Pound			
2893447 Foot powder.....	Pound			
2893449 Other powder (cream, sachet, and paste) (Specify kind) .....	Pound			
	Pound			
Shaving preparation (for shaving creams containing soap and shaving soap see Industry 2841)				
Brushless				
2893451 Tube.....	Pound			
2893453 Jar.....	Pound			
2893457 After-shave lotions.....	Gallon			
2893459 Other shaving preparations, including styptics (Specify kind) .....	Dollars			
	Dollars			
Miscellaneous cosmetics and toilet preparations				
2893461 Bath salts, bath oils, and bubble bath.....	Dollars			
2893498 Other cosmetics and toiletries (Specify kind) .....	Dollars			
	Dollars			
	Dollars			
Shaving preparations soap or soap base (See also Industry 2841) <sup>1</sup>				
Lather creams				
2841331 Tube and jar.....	Pound			
2841335 Aerosols.....	Pound			
2841341 Stick, powder, or cake.....	Pound			

<sup>1</sup>Classify in Industry 2893, if plant primarily produces soap products from purchased soap.



MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)
<b>INDUSTRY 2894 - GLUE AND GELATIN - MC-28P</b>				
28941--	<b>GLUES AND ADHESIVES</b>			
	Animal glue			
2894111	Hide.....	M pounds		
2894113	Extracted bone.....	M pounds		
2894115	Green bone.....	M pounds		
2894121	Flexible and non-warp glue.....	M pounds		
2894131	Liquid glue (not glue stock).....	M pounds		
	Other protein adhesives			
2894141	Casein adhesives made from purchased casein.....	M pounds		
2894145	Other (including blood, albumen, soybean, etc.) (Specify kind)			
	.....	M pounds		
	.....	M pounds		
	Vegetable glues, adhesives and pastes			
2894151	Dextrines.....	M pounds		
2894155	Starches.....	M pounds		
	Lacquer base adhesives			
2894161	Nitro cellulose types (collodion and pyroxylin).....	M pounds		
2894165	Other.....	M pounds		
2894171	Synthetic resin adhesives made from purchased resins.....	M pounds		
2894175	Adhesives made from natural gums and resins, except rubber.....	M pounds		
2894177	Mucilage.....	M pounds		
2894179	Other formulated and prepared adhesives (Specify kind)			
	.....	M pounds		
	.....	M pounds		
	<b>Cements</b>			
2894181	Porcelain.....	M pounds		
2894185	Furnace.....	M pounds		
2894189	Other cements (Specify kind)			
	.....	M pounds		
	.....	M pounds		
28942--	<b>GELATIN EXCEPT READY-TO-MIX DESSERTS</b>			
2894211	Edible (excluding pharmaceutical and photographic).....	M pounds		
2894231	Pharmaceutical.....	M pounds		
2894251	Photographic.....	M pounds		
2894271	Technical (inedible).....	M pounds		
2894298	Other gelatin.....	M pounds		
2894X--	<b>DRY GLUE CONSUMED IN MAKING FLEXIBLE, NON-WARP AND LIQUID GLUE</b>			
2894X11	Dry glue consumed in making flexible and non-warp glue.....	M pounds		
2894X15	Dry glue consumed in making liquid glue.....	M pounds		
<b>INDUSTRY 2895 - CARBON BLACK - MC-28S</b>				
28951--	<b>CARBON BLACK (CHANNEL AND FURNACE PROCESS ONLY)</b>			
2895111	Carbon black.....	M pounds		
28952--	<b>OTHER BLACKS (EXCLUDING ACTIVATED CARBON AND CHARCOAL)</b>			
2895211	Bone black.....	M pounds		
2895251	Lamp black.....	M pounds		
2895298	Other blacks, excluding activated carbon and charcoal (Specify kind)			
	.....	M pounds		
	.....	M pounds		

## MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)	Consumed in this plant	
					Made in this plant (quantity) (H)	Purchases and interplant receipts (quantity) (I)
INDUSTRY 2896 - COMPRESSED AND LIQUEFIED GASES - MC-28T						
28961--	ELEMENTAL GASES (ARGON, HYDROGEN, NITROGEN, OXYGEN, ETC.)					
	Argon					
2896111	Crude (state purity).....	M cu. ft.				
2896115	Refined (state purity).....	M cu. ft.				
2896121	Hydrogen.....	M cu. ft.				
2896131	Neon.....	M cu. ft.				
2896141	Nitrogen.....	M cu. ft.				
	Oxygen, high purity					
2896151	Electrolytic-process.....	M cu. ft.				
	Liquefaction process					
2896153	Shipped as liquid.....	M cu. ft.				
2896155	Shipped as gas.....	M cu. ft.				
2896157	Oxygen, tonnage (state purity).....	Short ton				
2896198	Other elemental gases (Specify kind).....	M cu. ft.				
	.....	M cu. ft.				
28962--	ACETYLENE					
2896211	From carbide.....	M cu. ft.				
2896251	From other sources (state source).....	M cu. ft.				
28963--	CARBON DIOXIDE					
2896311	Liquid or gas. (excluding amounts converted to dry ice).....	M pounds				
2896331	Solid (dry ice).....	M pounds				
28964--	OTHER COMPRESSED AND LIQUEFIED GASES					
	Hydrocarbon gases					
2896411	Ethylene.....	M cu. ft.				
2896431	Other hydrocarbon gases (Specify kind).....	M cu. ft.				
	.....	M cu. ft.				
2896451	Hydrogen sulfide (produced for sale and interplant transfer) (Specify sulfur basis %s).....	M lbs.				
	.....	M lbs.				
2896471	Nitrous oxide.....	M gal. S.T.P.				
2896498	Other gases (Specify kind and unit of measure).....					
	.....					
2896X52	OXYGEN, HIGH PURITY, LIQUEFICATION PROCESS - PRODUCTION.....	M cu. ft.				

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)
		Unit of measure	Production for all purposes, including further manufacture (quantity)		
<b>INDUSTRY 2897 - INSECTICIDES AND FUNGICIDES - MC-28U</b>					
28970--	<b>INSECTICIDES AND FUNGICIDES</b>				
	Insecticidal and fungicidal preparations for agricultural use				
	Arsenical preparations				
2897011	Lead arsenate, acid and basic (commercial basis).....	M pounds			
2897015	Calcium arsenate, commercial (70% Ca <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub> ).....	M pounds			
2897019	Other arsenical insecticides and fungicides (including Paris Green and bordeaux mixtures) (Specify kind)				
	.....	M pounds			
	.....	M pounds			
	Sulfur-containing preparations				
2897021	Wettable sulfur and sulfur dust.....	M pounds			
2897025	Lime sulfur (solution and dry).....	M pounds			
2897029	Other sulfur containing insecticides and fungicides (Specify kind)				
	.....	M pounds			
	.....	M pounds			
2897031	Copper-containing dry preparations (excluding Paris Green and copper sulfate) (Specify kind)				
	.....	M pounds			
	.....	M pounds			
	Fluorine-containing preparations				
2897037	Sodium aluminum fluoride (cryolite) dusts and mixtures.....	M pounds			
2897039	Other fluorine containing insecticides and fungicides (Specify kind)				
	.....	M pounds			
	.....	M pounds			
2897041	Nicotine-containing preparations (including nicotine sulfate and dusts)...	M pounds			
	Rotenone-containing insecticides				
2897045	Dusts.....	M pounds			
2897047	Sprays (excluding fly sprays).....	M gallons			
2897051	Benzene hexachloride preparations without DDT but including lindane (excluding fly sprays).....	M pounds			
	DDT-containing preparations (excluding aerosols and fly sprays)				
2897061	Preparations containing DDT as the active ingredient.....	M pounds			
2897063	Preparations of DDT and other toxicants.....	M pounds			
2897071	Chlorinated hydrocarbon pesticidal preparations other than those containing benzene hexochloride or DDT.....	M pounds			
2897073	Organic phosphate containing pesticidal preparations.....	M pounds			
2897075	Synthetic organic fungicides and seed disinfectants (preparations).....	M pounds			
	Petroleum oil sprays (excluding fly sprays and aerosols)				
2897077	Oil sprays and emulsions without other toxicants.....	M gallons			
2897079	Oil sprays containing other toxicants.....	M gallons			
2897081	Other insecticidal preparations for agricultural use (excluding aerosols) (Specify kind)				
	.....	M pounds			
	.....	M pounds			
2897085	Other fungicidal preparations for agricultural use (Specify kind)				
	.....	M pounds			
	.....	M pounds			
<b>INDUSTRY 2898 - SALT - MC-D1<sup>1</sup></b>					
28980--	<b>SALT</b>				
2898011	Salt.....	Short tons			

<sup>1</sup>No specific products of this industry are listed on the product schedule. Any products which are classified in this industry will be "written in" by the reporting establishment.



## MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)	Unit of measure (B)	Production for all purposes, including further manufacture (quantity) (C)	(D)	(E)
<b>INDUSTRY 2899 - CHEMICAL PRODUCTS, N.E.C. - MC-28U</b>				
<b>28991-- HOUSEHOLD INSECTICIDES AND REPELLANTS</b>				
Household insecticides and repellents (excluding fly sprays)				
2899111	Pound			
2899121	Gallon			
Insect repellants (for personal use).....				
Moth control agents				
2899131	Gallon			
Liquid.....				
Solid				
2899133	Pound			
2899135	Pound			
2899137	Pound			
Naphthalene type.....				
Paradichlorobenzene type.....				
Other solid moth repellants including mixtures (Specify kind)				
	Pound			
	Pound			
2899139	Pound			
Other household insecticides (Specify kind)				
	Pound			
	Pound			
Other pest control agents				
2899141	Pound			
Aerosols (net weight).....				
Fly sprays				
2899151	Gallon			
Livestock sprays.....				
Household sprays				
2899155	Gallon			
Liquid space.....				
2899157	Gallon			
Liquid residual.....				
2899161	Gallon			
Animal dips (Specify kind)				
	Gallon			
	Gallon			
2899171	Pound			
Rodent poisons.....				
2899181	Pound			
Fumigants (household, industrial and soil).....				
<b>28992-- WEED KILLERS (HERBICIDAL PREPARATIONS)</b>				
2899211	M pounds			
Arsenical preparations.....				
2899231	M pounds			
Sodium chlorate preparations.....				
2899241	M pounds			
2, 4-D (2, 4-dichlorophenoxyacetic acid) and derivatives.....				
2899251	M pounds			
2, 4, 5-trichlorophenoxyacetic acid and derivatives.....				
2899298	M pounds			
Other weed killers (hydrocarbon weed killers, etc.) (Specify kind)				
	M pounds			
	M pounds			

MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS--Continued

(A)		Unit of measure	Production for all purposes, including further manufacture (quantity)	(D)	(E)
INDUSTRY 2899 - CHEMICAL PRODUCTS, N.E.C.-MC-28U--Continued		(B)	(C)	(D)	(E)
28993--	CHEMICAL SPECIALTIES				
	Automotive chemicals				
	Antifreeze preparations				
2899313	Permanent type.....	Gallon			
2899315	Other.....	Gallon			
2899317	Other automotive chemicals (Specify kind)				
	.....	Dollars			
	.....	Dollars			
2899321	Bluing.....	Pound			
2899323	Chemical catalytic preparations.....	Pound			
2899325	Concrete curing materials.....	Pound			
2899327	Concrete floor hardening compounds.....	Pound			
	Deodorants, nonpersonal				
2899331	Aerosol type (net weight).....	Pound			
2899333	Other.....	Gallon			
	Disinfectants				
2899334	Coal tar.....	Gallon			
2899335	Cresylic.....	Gallon			
2899336	Pine oil (formulations).....	Gallon			
2899337	Chlorine, other than sodium hypochlorite (Specify % available Cl <sub>2</sub> .....)	Gallon			
2899338	Quaternary ammonium.....	Gallon			
2899339	Other (Specify kind)				
	.....	Gallon			
	.....	Gallon			
2899341	Drilling mud materials, mud thinners, thickeners and purifiers.....	M pounds			
	Fluxes...				
2899343	Brazing fluxes.....	Pound			
2899345	Soldering fluxes.....	Pound			
2899347	Welding fluxes.....	Pound			
2899349	Foundry supplies, chemical.....	Pound			
2899351	Household ammonia.....	Gallon			
2899353	Household tints and dyes.....	Pound			
2899355	Insulation products (heat, electrical, other) (Specify kind and unit of measure)				
	.....				
2899357	Laundry soaps.....	M pounds			
2899359	Metal-treating compounds (nitriding, pickling).....	Pound			
2899361	Oil-treating compounds, non-oil base.....	M pounds			
2899363	Plastic wood preparations.....	Pound			
	Sizes				
2899365	Rosin sizes.....	M pounds			
2899367	Dextrine-sizes.....	M pounds			
2899369	Other sizes (Specify kind)				
	.....	M pounds			
	.....	M pounds			
2899371	Soil conditioners (preparations).....	Pound			
	Inks				
2899373	Stamp pad ink.....	Pound			
	Writing ink (including indelible ink and marking fluid)				
2899375	Fluid.....	Gallon			
2899376	Refill ink cartridges for ball point pens.....	Gross			
	Water treating compounds				
2899377	Boiler compounds.....	M pounds			
2899379	Other water softening compounds.....	M pounds			
2899381	Water proofing compounds (electrical, leather, masonry, textile, etc.).....	M pounds			
2899385	Other industrial chemical specialties (Specify kind and unit of measure)				
	.....				
2899387	Vitreous enamel (frit).....	M pounds			

## MAJOR GROUP 29 - PETROLEUM AND COAL PRODUCTS

	Unit of measure (Bbls. of 42 gallons and tons of 2,000 pounds)	(D)	(E)	Total receipts at this plant (quantity) (exclude materials reported in materials section) (H)
(A)	(B)	(D)	(E)	(H)
INDUSTRY 2911 - PETROLEUM REFINING - MC-29A				
29111-- GASOLINE (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES)				
2911111 Aviation gasoline (except jet-propulsion fuel).....	M barrels			
2911131 Automotive gasoline.....	M barrels			
2911151 Jet-propulsion fuel.....	M barrels			
2911198 Other finished gasolines (including finished base stocks and blending agents).....	M barrels			
29112-- KEROSENE (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES)				
2911211 Kerosene (including range oil).....	M barrels			
29113-- DISTILLATE FUEL OIL (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES)				
2911311 Grade No. 1 (including P.S. 100).....	M barrels			
2911331 Grades No. 2, 3, and 4 (including P.S. 200).....	M barrels			
2911351 Diesel-type fuel oil (light).....	M barrels			
2911398 All other distillate fuel oils (including light gas-enrichment oil)...	M barrels			
29114-- RESIDUAL FUEL OIL (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES)				
2911411 Grade No. 5 (including Navy special and P.S. 300).....	M barrels			
2911431 Grade No. 6 (including Bunker C and P.S. 400).....	M barrels			
2911451 Diesel-type fuel oil (heavy).....	M barrels			
2911498 Other residual fuel oils (including heavy gas-enrichment oil).....	M barrels			
29115-- PETROLEUM WAXES (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES)				
2911511 Microcrystalline wax.....	M pounds			
2911531 Refined and semi-refined crystalline wax.....	M pounds			
2911551 Crude-scale crystalline wax.....	M pounds			
29116-- LIQUEFIED GASES (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES)				
2911611 For direct internal-combustion engine use (not included in gasoline above).....	M barrels			
2911631 Chemical raw material (including synthetic rubber components)				
2911631 Aromatics.....	M barrels			
2911651 Aliphatics				
2911651 Ethylene and its derivatives.....	M barrels			
2911655 Other aliphatics.....	M barrels			
2911698 Other liquefied gases.....	M barrels			
29117-- ASPHALT (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES)				
2911711 Asphalt of 200 penetration and over.....	M barrels			
2911751 Asphalt of less than 200 penetration.....	Ton			
29118-- UNFINISHED OILS AND LUBRICATING OIL BASE STOCK (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES)				
2911811 Unfinished oils (including cracking stock and unfinished gasoline-base stocks).....	M barrels			
2911851 Lubricating-oil petroleum base stocks (for blending, compounding, and grease manufacture) (See also Industry 2992) <sup>1</sup> .....	M barrels			
29119-- OTHER FINISHED PETROLEUM PRODUCTS (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES)				
2911911 Petrolatum.....	M pounds			
2911921 Petroleum coke.....	Ton			
2911931 Road oil.....	M barrels			
2911941 Still gas.....	Million cu. ft.			
2911951 Naptha solvents.....	M barrels			
2911998 Other finished petroleum products (account for all products shipped not elsewhere specified) (Specify kind)	M barrels			
	M barrels			
2992111 LUBRICATING AND SIMILAR OILS CONTAINING PETROLEUM OILS (INCLUDING HYDRAULIC FLUIDS, QUENCHING AND CUTTING OILS, TRANSFORMER OILS, AND LIQUID RUST PREVENTATIVES) (SEE ALSO INDUSTRY 2992) <sup>1</sup> .....	M barrels			
2992211 LUBRICATING GREASES CONTAINING PETROLEUM OILS (SEE ALSO INDUSTRY 2992) <sup>1</sup> .....	M pounds			
2911X11 LIQUEFIED GASES, TOTAL (REFINERY GASES ONLY).....	M barrels			



MAJOR GROUP 29 - PETROLEUM AND COAL PRODUCTS--Continued

(A)		Unit of measure (B)	Quantity (D)	Sales value f.o.b. plant, estimated (omit cents) (E)
<b>INDUSTRY 2911 - PETROLEUM REFINING - MC-29A--Continued</b>				
FUELS PRODUCED AND CONSUMED AT THIS PLANT				
2911X31	Residual fuels.....	M 42-gal. barrels		
2911X51	Still gas.....	Million cu. ft.		
2911X71	Other (acid, sludge, etc.).....	M 42-gal. barrels		
<sup>1</sup> Classify in Industry 2911, if plant produces petroleum products primarily from crude petroleum oil (or re-refining or reclaiming used oil by a distillation process).				
		(B)	(D) <sup>1</sup>	(E) <sup>1</sup>
<b>INDUSTRY 2931 - BEEHIVE COKE OVENS - MC-29B</b>				
COKE, SCREENINGS, AND BREEZE (SEE ALSO INDUSTRY 2932) <sup>2</sup>				
2932111	Coke, except screenings and breeze.....	M net tons		
2932151	Screenings and breeze.....	M net tons		
<sup>1</sup> Exclude materials used at this plant for heating ovens, under boilers, for producer and water-gas production, for fuel in other plant equipment, or for the production of coal chemicals.				
<sup>2</sup> Classify in Industry 2931, if plant produces coke primarily in beehive coke ovens.				
		(B)	(D) <sup>1</sup>	(E) <sup>1</sup>
<b>INDUSTRY 2932 - BYPRODUCT COKE OVENS - MC-29B</b>				
COKE, SCREENINGS, AND BREEZE (SEE ALSO INDUSTRY 2931) <sup>2</sup>				
2932111	Coke, except screenings and breeze.....	M net tons		
2932151	Screenings and breeze.....	M net tons		
COKE-OVEN GAS				
2932211	Coke-oven gas.....	Millions of cu.ft.		
OTHER COKE-OVEN BYPRODUCTS				
2932311	Ammonia (sulfate and liquor).....	Dollars		
2932321	Crude tar.....	M gallons		
2932331	Tar derivatives.....	Dollars		
2932341	Crude light oil.....	M gallons		
2932351	Light oil derivatives.....	M gallons		
2932361	Naphthalene.....	M pounds		
2932398	Other coke-oven products (Specify) .....	Dollars		
	.....	Dollars		

<sup>1</sup>Exclude materials used at this plant for heating ovens, under boilers, for producer and water-gas production, for fuel in other plant equipment, or for the production of coal chemicals.

<sup>2</sup>Classify in Industry 2932, if plant primarily produces coke and byproducts in byproduct coke ovens.

## MAJOR GROUP 29 - PETROLEUM AND COAL PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 2951 - PAVING MIXTURES AND BLOCKS - MC-29C				
29510--	PAVING MIXTURES AND BLOCKS			
	Liquid asphalt and tar paving materials			
2951011	Emulsified asphalt.....	42 gal. barrel		
2951015	Other liquid asphalt and tar paving materials.....	42 gal. barrel		
2951051	Asphalt and tar paving mixtures and blocks.....	Dollars		
2951098	Other paving mixtures and blocks, except brick, concrete, granite, or stone (Specify kind)			
	.....	Dollars		
	.....	Dollars		
INDUSTRY 2952 - ROOFING FELTS AND COATINGS - MC-29C				
29521--	ASPHALT AND TAR ROOFING, SIDINGS, AND FELTS			
	Asphalt roofing			
2952111	Smooth surfaced roll roofing and cap sheet (including sanded, talc, mica, and other fine material surfacing).....	Sales square		
2952113	Mineral-surfaced roll roofing and cap sheet (include 17" and 19" selvaged edged).	Sales square		
2952115	Strip shingles, all styles.....	Sales square		
2952117	Individual shingles, all styles.....	Sales square		
	Asphalt sidings			
2952131	Roll form, all patterns.....	Sales square		
2952133	Shingle form, all patterns.....	Sales square		
2952135	Mineral-surfaced insulating board base siding (all types and finishes).....	Sales square		
	Saturated felts			
2952151	Asphalt.....	Short ton		
2952155	Tar.....	Short ton		
29522--	ASPHALT AND TAR COATINGS, CEMENTS, AND PITCHES			
2952211	Solid asphalt roof cement.....	Short ton		
2952231	Coal tar roofing pitch.....	Short ton		
	Roofing coatings			
2952251	Fibrous.....	Short ton		
2952255	Non-fibrous.....	Short ton		
29523--	OTHER ASPHALT AND TAR ROOFING AND SIDING PRODUCTS			
2952311	Asphalt board products: laminated asphalt felt and mastic core types, including corrugated and flat, with or without mineral surfacing.....	Square foot		
2952351	Asphalt and tar saturated and/or coated sheathings.....	Short ton		
2952398	Other asphalt and tar roofing and siding products (Specify kind and unit of measure)			
	.....			
	.....			

MAJOR GROUP 29 - PETROLEUM AND COAL PRODUCTS--Continued

(A)	(B)	(D)	(E)	Total receipts at this plant (quantity) (exclude materials reported in materials section) (H)
INDUSTRY 2991 - FUEL BRIQUETS AND PACKAGED FUEL (COMBINED WITH INDUSTRY 2999)				
INDUSTRY 2992 - LUBRICANTS, N.E.C. - MC-29A				
29921-- LUBRICATING OIL (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES) Lubricating and similar oils				
2992111 Containing petroleum oils (including hydraulic fluids, quenching and cutting oils, transformer oils, and liquid rust preventatives (See also Industry 2911) <sup>1</sup> .....	M barrels			
2992151 Containing animal and vegetable oils only.....	M barrels			
29922-- LUBRICATING GREASES (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES) Lubricating greases				
2292211 Containing petroleum oils (See also Industry 2911) <sup>1</sup> .....	M pounds			
2992251 Containing animal and vegetable oils only.....	M pounds			
2911851 LUBRICATING-OIL PETROLEUM BASE STOCKS (FOR BLENDING, COMPOUNDING, AND GREASE MANUFACTURE) (SEE ALSO INDUSTRY 2911) <sup>1</sup> .....	M barrels			
<sup>1</sup> Classify in Industry 2992, if plant primarily engaged in blending and compounding lubricating oils and greases from purchased materials.				
	(B)	(C)	(D)	(E)
INDUSTRY 2999 - PRODUCTS OF PETROLEUM AND COAL, N.E.C. (INCLUDES FORMER INDUSTRY 2991)-MC-29D				
29991-- FUEL BRIQUETS (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES) Fuel briquets.....	Net ton			
29992-- PACKAGED FUEL (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES) Packaged fuel.....	Net ton			
29993-- PETROLEUM AND COAL PRODUCTS, N.E.C. (INCLUDING COST OF CONTAINERS BUT EXCLUDING STATE AND FEDERAL TAXES) Petroleum and coal products, n.e.c. (including calcined petroleum coke) (Specify kind of products and unit of measure) ..... .....				



## MAJOR GROUP 30 - RUBBER PRODUCTS

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3011 - TIRES AND INNER TUBES - MC-30A					
30110--	TIRES AND INNER TUBES (NEW)				
	Pneumatic tires (casings)				
3011011	Passenger car.....	M tires			
3011012	Motorcycle.....	M tires			
3011013	Truck and bus (including off-the-road).....	M tires			
3011014	Airplane.....	M tires			
3011015	Tractor and implement.....	M tires			
3011016	Industrial.....	M tires			
3011017	Bicycle casings and single tube tires.....	M tires			
	Inner tubes				
3011021	Passenger car.....	M tubes			
3011022	Motorcycle.....	M tubes			
3011023	Truck and bus (including off-the-road).....	M tubes			
3011024	Airplane.....	M tubes			
3011025	Tractor and implement.....	M tubes			
3011026	Industrial.....	M tubes			
3011027	Bicycle.....	M tubes			
	Solid tires				
3011031	Pressed on industrial and highway (cured to a band base which to mount is pressed on the felloe bands of a wheel).....	M tires			
3011033	Cured on industrial (2.00" or larger which are cured on a wheel).....	M tires			
3011035	Bogie, idler and support rollers.....	M units			
3011037	Semi-pneumatic.....	M tires			
3011039	Other solid (Specify kind).....	M tires			
	.....	M tires			
INDUSTRY 3021 - RUBBER FOOTWEAR - MC-30A					
30210--	RUBBER FOOTWEAR				
	Canvas				
3021011	Bals.....	M pairs			
3021013	Oxfords.....	M pairs			
3021015	Specialty shoes.....	M pairs			
	Waterproof				
3021021	Boots.....	M pairs			
3021031	Lumberman and pacs.....	M pairs			
	Arctics and gaiters				
	Rubber and cloth				
3021041	Buckle and automatic, except style.....	M pairs			
3021045	Style, rubber and cloth.....	M pairs			
3021051	Light and heavy rubbers.....	M pairs			
INDUSTRY 3031 - RECLAIMED RUBBER - MC-30A					
30310--	RECLAIMED RUBBER				
3031011	Reclaimed rubber (any vulcanizable material, except reclaimed residue or "mud," derived from processing or treatment of natural or synthetic (chemical) vulcanized scrap rubber).....	M pounds			
3031051	Crumb or ground rubber (grindings of scrap rubber not devulcanized by the pan or digester process. Do not include grinding of unvulcanized factory scrap.)	M pounds			

MAJOR GROUP 30 - RUBBER PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)
<b>INDUSTRY 3099 - RUBBER INDUSTRIES, M.E.C. - MC30A</b>				
30991--	<b>CAMELBACK AND TIRE REPAIR MATERIALS</b>			
3099111	Camelback.....	M pounds		
3099151	Tire sundries and repair materials.....	Dollars	////	////
30992--	<b>RUBBER HEELS AND SOLES</b>			
	Shoe products, rubber and elastomer resin			
3099211	Heels, rubber and elastomer resin.....	Dozen pairs		
3099231	Soles, rubber and elastomer resin.....	Dozen pairs		
3099251	Soling slabs and toplift sheets, rubber and elastomer resin.....	M sq. ft.		
30993--	<b>MECHANICAL RUBBER GOODS</b>			
	Belts and belting, rubber			
3099311	Conveyor and elevator.....	M pounds		
	Transmission			
3099313	Flat.....	M pounds		
	V-belt			
3099315	Motor vehicles.....	M pounds		
3099317	Industrial and all other (including standard, notched, and segment).....	M pounds		
3099319	Other rubber belts and belting.....	M pounds		
	Hose			
	Railroad specification, rubber			
3099321	Airbrake and air signal.....	M pounds		
3099323	Other.....	M pounds		
	Molded			
3099325	Garden, rubber.....	M pounds		
3099326	Horizontal wire braided.....	M pounds		
3099327	Other rubber.....	M pounds		
	Wrapped rubber hose			
3099328	Handbuilt.....	M pounds		
3099329	Other.....	M pounds		
	Cotton rubber lined hose			
3099331	Fire-specification.....	M pounds		
3099332	Fire-commercial grade.....	M pounds		
3099333	Other.....	M pounds		
3099335	Gasoline.....	M pounds		
3099337	Other rubber hose (Specify kind).....	M pounds		
	.....	M pounds		
	.....	M pounds		
3099338	Tubing, rubber (except reinforced).....	M pounds		
	Hard rubber mechanical goods			
3099341	Battery jars, boxes and parts.....	Dollars	////	////
3099345	Other hard rubber mechanical goods.....	Dollars	////	////
	Sponge rubber			
	Latex foam			
3099351	Automobile seating.....	M pounds		
	Upholstery			
3099352	Fully molded cushions.....	M pounds		
3099353	Slab stock.....	M pounds		
3099354	Mattress cores (excluding children's and infants' mattresses and pads and hospital padding).....	M units		
3099355	Pillows.....	M units	////	
3099356	Other latex foam products, including hospital padding (Specify kind).....	M pounds		
	.....	M pounds		
	.....	M pounds		
3099358	Chemically blown sponge.....	M pounds		
	Floor and wall coverings, rubber			
	Mats, mattings and stair treads			
3099361	Rolls.....	M sq. yds.		
	Individual mats			
3099362	Automotive.....	M sq. yds.		
3099363	All others (including stair treads).....	M sq. yds.		
	Other flooring			
3099365	Sheet goods.....	M sq. yds.		
3099366	Tile.....	M sq. yds.		
3099368	Wall coverings (including cove base, wainscotting, etc.).....	M sq. yds.		
	Industrial goods, rubber			
3099371	Molded (including wringer rolls and excluding extruded, sponge, and hard rubber).....	M pounds		
3099373	Extrusion and lathe cut (except tubing).....	M pounds		
3099374	Jar rings, rubber.....	Gross		
3099375	O-rings.....	M pounds		
3099376	Packing rubber (for sealing moving parts excluding molded and lathe cut goods).....	M pounds		
3099377	Rubber pressure sensitive tape, including friction.....	M pounds		
3099378	Tiring.....	M pounds		
3099381	Rolls and platens, solid and covered rubber (excluding wringer rolls and printer's rolls).....	Dollars	////	////
3099383	Tank blocks, treads and band tracks.....	Dollars	////	////
3099385	Fuel cells.....	Dollars	////	////
3099387	Boats, pontoons and life rafts, rubber.....	Dollars	////	////
3099398	Other mechanical rubber goods, except hard rubber.....	Dollars	////	////

## MAJOR GROUP 30 - RUBBER PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)
INDUSTRY 3099 - RUBBER INDUSTRIES, N.E.C. - MC30A--Continued				
30994--	DRUGGIST AND MEDICAL SUNDRIES			
3099411	Water bottles, fountain syringes, and combinations, rubber.....	Gross		
3099431	Nipples and pacifiers (excluding nursing units), rubber.....	Gross		
	Gloves, rubber, rubberized and rubber lined			
3099451	Household.....	Dozen pairs		
3099461	Surgical.....	Dozen pairs		
3099471	Other (including ice bags and caps, prophylactics, medical, dental, and surgical), rubber.....	Dollars		
30995--	OTHER RUBBER PRODUCTS, N.E.C.			
	Coated fabrics			
	Rubber and synthetic rubbers			
3099511	Automotive decking.....	M sq. yds.		
3099514	Garment fabrics.....	M sq. yds.		
3099515	Hospital and crib sheeting.....	M sq. yds.		
3099516	Shoe and slipper fabrics.....	M sq. yds.		
3099517	Other coated fabrics (including automotive and furniture upholstery)	M sq. yds.		
	Unsupported film			
	Rubber			
3099521	Under 3.0 mills.....	M sq. yds.		
3099522	3.0 - 5.9 mills.....	M sq. yds.		
3099523	6-14.9 mills.....	M sq. yds.		
3099525	15 mills and over.....	M sq. yds.		
3099531	Factory rebuilt or retreaded tires.....	M tires		
	Rubber clothing (finished)			
3099541	Gloves, industrial.....	Dozen pairs		
	Rainwear and outer garments (raincoats, capes, mackintoshes, etc.)			
3099543	Men's and boys'.....	Dozen		
3099545	Women's, misses', and juniors'.....	Dozen		
3099551	Aprons, rubber, except rubberized.....	Dozen		
3099553	Baby pants, rubber (See also Industry 2385) <sup>1</sup> .....	Dozen		
3099555	Bathing and shower caps, rubber.....	Gross		
3099557	Bibs and dress shields, rubber.....	Dollars		
3099559	Other rubber clothing (Specify type)	Dollars		
	.....	Dollars		
3099561	Thread, rubber, bare.....	M pounds		
3099563	Cement, rubber (for sale as such).....	M gallons		
3099567	Balloons, rubber (toy and advertising).....	Gross		
3099571	Stationers' rubber bands.....	M pounds		
3099575	Erasers, except pencil plugs.....	M pounds		
3099579	Balls, rubber (except bowling balls, golfballs, tennis balls, footballs, and basketballs).....	Dollars		
3099581	Toys, rubber, except balloons, balls, and dolls.....	Dollars		
3099589	Gutta-percha products.....	Dollars		
3099598	Other rubber products, including rubber brushes, combs, mouth pieces, etc. (Specify kind)	Dollars		
	.....	Dollars		
3099X11	Rubber transmission belts for motor vehicles, V-belts.....	M units		
3099X51	Latex foam mattress cores (excluding children's and infants' mattresses and pads and hospital padding).....	M pounds		
3099X71	Latex foam pillows.....	M pounds		
3099X81	Production and use for passenger cars, trucks and buses during 1953, V-belts <sup>2</sup> .....	M units		
23850--	WATERPROOF AND WATER-REPELLENT RAINCOATS AND OTHER WATERPROOF OUTER GARMENTS (SEE ALSO INDUSTRY 2385) <sup>1</sup>			
	Raincoats and raincapas, rubberized			
2385013	Men's and boys'.....	Dozen		
2385053	Women's, misses' and juniors'.....	Dozen		
2385061	Girls', teen-age girls', and children's.....	Dozen		
2385071	Baby pants, plastic and rubberized.....	Dozen		
2385075	Dress shields, plastic and rubberized.....	Dozen		
	Aprons, smocks, and bibs, plastic and rubberized			
2385077	Women's, misses', and juniors'.....	Dozen		
2385078	Girls', children's, and infants'.....	Dozen		

<sup>1</sup>Classify in Industry 3099, if plant primarily produces rubber or rubberized fabric in this establishment.

<sup>2</sup>This item is on Forms MC-37A and MC-37B only. Form MC-37A includes Column (H): "Used in assembly of automotive vehicles in 1954, including purchased units (Quantity)."



MAJOR GROUP 31 - LEATHER AND LEATHER PRODUCTS

(A)	(B)	(C)	Total shipments and interplant transfers made from material owned by you		Leather produced in this plant	
			(D)	(E)	(H)	(I)
	Unit of measure	Leather produced in this plant (sum of columns (H) and (I)) (quantity)	Quantity	Value f.o.b. plant (omit cents)	From your own hides, skins, or rough leather (quantity)	On contract from hides, skins, or rough leather owned by others (quantity)
<b>INDUSTRY 3111 - LEATHER TANNING AND FINISHING-MC-31A</b>						
31111--	<b>CATTLE HIDE AND KIP SIDE LEATHERS (FINISHED LEATHER)</b>					
	Grains, except offal (heads, shoulders, bellies, etc.)					
	Sole leather					
3111111	Vegetable tanned (backs, bends, and sides).....	M pounds				
3111113	Chrome or retan (backs, bends, and sides).....	M sq. ft.				
3111121	Welting leather.....	M pounds				
3111123	Belting leather.....	M pounds				
3111125	Mechanical leather (sides).....	M pounds				
3111127	Harness leather (sides and backs).....	M pounds				
3111131	Collar, skirting, lace, and latigo leather (sides).....	M pounds				
3111133	Bag, case, and strap leather (sides)...	M sq. ft.				
3111135	Upholstery leather - top grains and machine buffs (hides).....	M sq. ft.				
3111137	Upper leather, excluding patent (sides)	M sq. ft.				
3111141	Patent leather (sides).....	M sq. ft.				
3111143	Lining leather (sides).....	M sq. ft.				
3111145	Garment leather (sides).....	M sq. ft.				
3111147	Flat leather, handbag leather, and other fancy leather (sides).....	M sq. ft.				
3111149	Other grains (Specify kind).....	M sq. ft.				
	.....	M sq. ft.				
	Offal (heads, shoulders, bellies, etc.) except splits					
	Sole leather					
3111151	Vegetable tanned.....	M pounds				
3111153	Chrome or retan.....	M sq. ft.				
3111155	Welting leather.....	M pounds				
3111157	Waist belt leather.....	M pounds				
3111159	Other (Specify kind and unit of measure).....					
	.....					
	Finished splits (including shoulder splits, deep buffs, buffing and fleshers)					
3111161	Bottom stock.....	M sq. ft.				
3111163	Upper.....	M sq. ft.				
3111165	Lining.....	M sq. ft.				
3111167	Glove.....	M sq. ft.				
3111168	Upholstery, including deep buffs.....	M sq. ft.				
3111169	Other (Specify kind).....	M sq. ft.				
	.....	M sq. ft.				
31112--	<b>CALF AND WHOLE KIP LEATHERS (FINISHED LEATHER)</b>					
3111211	Upper.....	M sq. ft.				
3111271	Other (Specify kind).....	M sq. ft.				
	.....	M sq. ft.				

MAJOR GROUP 31 - LEATHER AND LEATHER PRODUCTS--Continued

(A)	Unit of measure (B)	Leather produced in this plant (sum of columns (H) and (I) (quantity) (C)	Total shipments and interplant transfers made from material owned by you		Leather produced in this plant	
			Quantity (D)	Value f.o.b. plant (omit cents) (E)	From your own hides, skins, or rough leather (quantity) (H)	On contract from hides, skins, or rough leather owned by others (quantity) (I)
INDUSTRY 3111 - LEATHER TANNING AND FINISHING-MC-31A --Continued						
31113-- SHEEP AND LAMB LEATHERS (FINISHED LEATHER)						
Sheep and lamb leathers						
3111311	Upper.....	M sq. ft.				
3111313	Lining.....	M sq. ft.				
3111315	Fancy.....	M sq. ft.				
3111317	Glove.....	M sq. ft.				
3111331	Garment.....	M sq. ft.				
3111333	Fleshers.....	M sq. ft.				
3111335	Skivers.....	M sq. ft.				
3111339	Other (Specify kind) .....	M sq. ft. M sq. ft.				
3111359	Shearlings.....	M sq. ft.				
31114-- OTHER LEATHER TANNING AND FINISHING, N.E.C.						
Goat and kid leathers						
3111411	Upper.....	M sq. ft.				
3111413	Lining.....	M sq. ft.				
3111419	Other (Specify kind) .....	M sq. ft. M sq. ft.				
Cabretta						
3111421	Upper.....	M sq. ft.				
3111423	Glove.....	M sq. ft.				
3111429	Other (Specify kind) .....	M sq. ft. M sq. ft.				
Horse, colt, mule, ass, and pony leathers						
3111431	Upper.....	M sq. ft.				
3111433	Glove.....	M sq. ft.				
3111435	Garment.....	M sq. ft.				
3111439	Other (Specify kind) .....	M sq. ft. M sq. ft.				
3111441	Kangaroo and wallaby leathers.....	M sq. ft.				
3111445	Deer and elk leathers.....	M sq. ft.				
3111451	Pig and hog leathers, including peccary, carpincho, bacon rind and strips, etc...	M sq. ft.				
3111459	Other animals (Specify animal and whether upper, glove, fancy, etc.) .....	M sq. ft. M sq. ft.				
31115-- ROUGH, RUSSET, AND CRUST LEATHER (NOT FINISHED IN THIS ESTABLISHMENT)						
Grains, except offal						
3111511	Belting leather.....	M pounds				
3111513	Upholstery leather.....	M sq. ft.				
3111515	Patent leather.....	M sq. ft.				
3111519	Other (Specify kind and unit of measure) .....					
Offal (heads, shoulders, bellies, etc.)						
3111531	Welting leather.....	M pounds				
3111533	Waist belt leather.....	M pounds				
3111539	Other (Specify kind and unit of measure) .....					
3111551	Splits (including shoulder splits, deep buffs, buffing, and fleshers) (Specify kind and unit of measure) .....					

MAJOR GROUP 31 - LEATHER AND LEATHER PRODUCTS-- Continued

(A)		(B)	(C)	(D)	(E)
<b>INDUSTRY 3121 - INDUSTRIAL LEATHER BELTING - MC-31B</b>					
31211--	INDUSTRIAL LEATHER BELTING				
3121111	Flat.....	Pound			
3121151	Other (Specify kind)				
	.....	Dollars			
	.....	Dollars			
31212--	LEATHER PACKINGS, OIL AND GREASE RETAINERS				
3121211	Leather packings,.....	Dollars			
3121231	Leather oil and grease retainers (including seals).....	Dollars			
31213--	OTHER INDUSTRIAL LEATHER PRODUCTS, INCLUDING TEXTILE LEATHERS				
3121311	Textile leathers (aprons, picker leathers, mill strapping, etc.).....	Dollars			
3121398	Other industrial products made wholly or partly of leather (Specify kind)				
	.....	Dollars			
	.....	Dollars			
<b>INDUSTRY 3131 - FOOTWEAR CUT STOCK - MC-31C</b>					
31311--	BOOT AND SHOE CUT STOCK				
	Outersoles				
3131111	Leather.....	Dozen pairs			
3131115	Other except rubber, elastomer resin, and plastic (Specify material)				
	.....	Dozen pairs			
	.....	Dozen pairs			
	Midsoles				
3131121	Leather.....	Dozen pairs			
3131125	Other than leather (Specify material)				
	.....	Dozen pairs			
	.....	Dozen pairs			
	Innersoles				
3131131	Leather.....	Dozen pairs			
3131135	Other than leather (Specify material)				
	.....	Dozen pairs			
	.....	Dozen pairs			
	Heels				
3131141	Leather.....	Dozen pairs			
3131145	Other except rubber, elastomer resin, plastic, and wood (Specify material)				
	.....	Dozen pairs			
	.....	Dozen pairs			
	Heel lifts and top lifts				
3131151	Leather.....	Dozen pairs			
3131155	Other (Specify material)				
	.....	Dozen pairs			
	.....	Dozen pairs			
	Counters				
3131161	Leather.....	Dozen pairs			
3131165	Other than leather (Specify material)				
	.....	Dozen pairs			
	.....	Dozen pairs			
3131171	Box toes.....	Dozen pairs			
3131175	Taps.....	Dozen pairs			
3131177	Uppers (vamps, quarters, tips, tongues, etc.).....	Dozen pairs			
	Other cut stock	Dollars			
3131179	Leather (Specify kind)				
	.....	Dollars			
	.....	Dollars			
3131198	Other than leather (Specify kind and material)				
	.....	Dollars			
	.....	Dollars			
31312--	OTHER BOOT AND SHOE FINDINGS				
	Platforms				
3131211	Wood.....	Dozen pairs			
3131215	Other than wood (Specify material)				
	.....	Dozen pairs			
	.....	Dozen pairs			
3131221	Wood heel blocks, made for sale as such.....	Dozen pairs			
	Finished wood heels				
3131231	Manufactured complete in your plant.....	Dozen pairs			
3131235	Finished from purchased blocks.....	Dozen pairs			
	Shanks				
3131241	Metal.....	Dozen pairs			
3131245	Other than metal (Specify material)				
	.....	Dozen pairs			
	.....	Dozen pairs			
3131251	Welting (equivalent 1/2 inch wide)	M Lin. yds.			
3131298	Other findings (Specify kind)				
	.....	Dollars			
	.....	Dollars			



MAJOR GROUP 31 - LEATHER AND LEATHER PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3141- FOOTWEAR, EXCEPT RUBBER - MC-31D					
31411--	MEN'S, YOUTHS', AND BOYS' DRESS SHOES				
3141111	Total, men's dress, including moccasin-type dress shoes, (sizes 5 and over)..	Pair			
3141131	Total, youths', and boys', (sizes 8 to 2 and 1 to 6).....	Pair			
31412--	MEN'S WORK SHOES				
3141211	Total, men's work, including moccasins, (sizes 5 and over).....	Pair			
31413--	WOMEN'S, MISSES', AND CHILDREN'S SHOES				
3141311	Total, women's, including sandal-type dress shoes, (sizes 2-1/2 and over)....	Pair			
3141331	Total, misses', including sandal-type dress shoes, (sizes 12-1/2 to 3).....	Pair			
3141351	Total, children's, (sizes 8-1/2 to 12).....	Pair			
31414--	INFANTS' AND BABIES' SHOES				
3141411	Total, infants', (sizes 4-1/2 to 8).....	Pair			
3141431	Total, babies' (sizes 0 to 4).....	Pair			
31415--	ATHLETIC SHOES, EXCEPT RUBBER SOLED CANVAS TOP (Footwear for sports and games: Baseball, basketball, bowling, boxing, fencing, football, golf, skating, skiing, soccer, softball, track and field, wrestling, etc.)				
3141511	Men's, youths', and boys' .....	Pair			
3141551	Women's, misses', and children's.....	Pair			
31416--	PLAYSHOES				
3141611	Men's, youths', and boys'.....	Pair			
3141631	Total, women's and misses', including non-dress type sandals).....	Pair			
3141651	Children's.....	Pair			
3141671	Infants' and babies'.....	Pair			
31417--	OTHER FOOTWEAR, N.E.C.				
3141711	All other footwear, except rubber and house slippers (Specify kind of footwear and method of construction)				
	Kind _____ Construction _____	Pair			
	Kind _____ Construction _____	Pair			
3141X--	PRODUCTION OF FOOTWEAR, EXCEPT RUBBER				
	Men's dress, including moccasin-type dress shoes (sizes 5 and over)				
3141X11	Welted, including Silhouwelt.....	Pair			
3141X13	McKay, including Littleway.....	Pair			
3141X15	Other construction (Specify methods).....	Pair			
	.....	Pair			
	Men's work, including moccasins (Sizes 5 and over)				
3141X17	Welted, including Silhouwelt.....	Pair			
3141X19	McKay, including Littleway.....	Pair			
3141X21	Wood or metal fastened.....	Pair			
3141X23	Other construction (Specify methods).....	Pair			
	.....	Pair			
	.....	Pair			
	Youths' and boys' (sizes 8 to 2 and 1 to 6)				
3141X25	Welted, including Silhouwelt.....	Pair			
3141X27	McKay, including Littleway.....	Pair			
3141X29	Wood or metal fastened.....	Pair			
3141X31	Stitchdown.....	Pair			
3141X33	Other construction (Specify methods).....	Pair			
	.....	Pair			
	.....	Pair			
	Women's, including sandal-type dress shoes (sizes 2-1/2 and over)				
3141X35	Welted, including Silhouwelt.....	Pair			
3141X37	McKay, including Littleway.....	Pair			
3141X39	Cemented, excluding slip-lasted.....	Pair			
3141X41	Slip-lasted.....	Pair			
3141X43	Other construction (Specify methods).....	Pair			
	.....	Pair			
	.....	Pair			
	Misses', including sandal-type dress shoes (sizes 12-1/2 to 3)				
3141X45	Welted, including Silhouwelt.....	Pair			
3141X47	McKay, including Littleway.....	Pair			
3141X49	Stitchdown.....	Pair			
3141X51	Cemented, excluding slip-lasted.....	Pair			
3141X53	Slip-lasted.....	Pair			
3141X55	Other construction (Specify methods).....	Pair			
	.....	Pair			
	.....	Pair			

MAJOR GROUP 31 - LEATHER AND LEATHER PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3141 - FOOTWEAR EXCEPT RUBBER - MC-31D--Continued					
3141X--	PRODUCTION OF FOOTWEAR, EXCEPT RUBBER--Continued				
	Children's (sizes 8-1/2 to 12)				
3141X57	Welted, including Silhouwelt.....	Pair			
3141X59	Stitchdown.....	Pair			
3141X61	Cemented, excluding slip-lasted.....	Pair			
3141X63	Slip-lasted.....	Pair			
3141X65	Other construction (Specify methods)				
	.....	Pair			
	.....	Pair			
	Infants' ( sizes 4-1/2 to 8)				
3141X67	Welted, including Silhouwelt.....	Pair			
3141X69	Stitchdown.....	Pair			
3141X71	Cemented, excluding slip-lasted.....	Pair			
3141X73	Other construction (Specify methods)				
	.....	Pair			
	.....	Pair			
	Babies' (sizes 0 to 4)				
3141X75	Welted, including Silhouwelt.....	Pair			
3141X77	Turned.....	Pair			
3141X79	Stitchdown.....	Pair			
3141X81	Other construction (Specify methods)				
	.....	Pair			
	.....	Pair			
	Women's and misses' playshoes, including non-dress type sandals				
3141X83	Welted, including Silhouwelt.....	Pair			
3141X85	McKay, including Littleway.....	Pair			
3141X87	Cemented, excluding slip-lasted.....	Pair			
3141X88	Slip-lasted.....	Pair			
3141X89	Other construction (Specify methods)				
	.....	Pair			
	.....	Pair			
INDUSTRY 3142 - HOUSE SLIPPERS - MC-31D					
31420--	HOUSE SLIPPERS				
3142011	Total, men's slippers for housewear.....	Pair			
3142021	Youths' and boys'.....	Pair			
3142031	Total, women's slippers for housewear.....	Pair			
3142041	Misses'.....	Pair			
3142051	Children's.....	Pair			
3142071	Infants' and babies'.....	Pair			
3142X--	PRODUCTION OF MEN'S AND WOMEN'S HOUSE SLIPPERS				
	Men's				
3142X11	Welted, including Silhouwelt.....	Pair			
3142X13	McKay, including Littleway.....	Pair			
3142X15	Turned.....	Pair			
3142X17	Stitchdown.....	Pair			
3142X21	Cemented, excluding slip-lasted.....	Pair			
3142X23	Slip-lasted.....	Pair			
3142X29	Other construction (Specify methods)				
	.....	Pair			
	.....	Pair			
	Women's				
3142X31	McKay, including Littleway.....	Pair			
3142X33	Turned.....	Pair			
3142X35	Cemented, excluding slip-lasted.....	Pair			
3142X37	Slip-lasted.....	Pair			
3142X39	Other construction (Specify methods)				
	.....	Pair			
	.....	Pair			

## MAJOR GROUP 31 - LEATHER AND LEATHER PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3151 - LEATHER DRESS GLOVES - MC-23D					
31510--	LEATHER DRESS AND SEMI-DRESS GLOVES AND MITTENS All-leather, including fur Men's and boys'				
3151011	Table cut.....	Dozen pairs			
3151013	Pattern and pulldown.....	Dozen pairs			
3151015	Block cut.....	Dozen pairs			
	Women's, misses', and children's				
3151051	Table cut.....	Dozen pairs			
3151053	Pattern and pulldown.....	Dozen pairs			
3151055	Block cut.....	Dozen pairs			
INDUSTRY 3152 - LEATHER WORK GLOVES - MC-23D					
31520--	LEATHER WORK GLOVES AND MITTENS All-leather				
3152011	Welders'.....	Dozen pairs			
3152031	All-grain, except welders'.....	Dozen pairs			
3152051	All-split, except welders'.....	Dozen pairs			
3152071	Grain and split, except welders'.....	Dozen pairs			
INDUSTRY 3161 - LUGGAGE - MC-31E					
31610--	SUITCASES, BRIEFCASES, BAGS, AND TRUNKS, ETC. Women's hand luggage				
	Overnight, week-end, pullman, and fitted cases				
3161011	All-leather and chiefly leather.....	No. of units			
3161015	Chiefly non-leather.....	No. of units			
	Cosmetic cases, train boxes, hat and shoe boxes, etc.				
3161021	All-leather and chiefly leather.....	No. of units			
3161025	Chiefly non-leather.....	No. of units			
	Men's two-suiters, gladstones, suitcases, and end-opening wardrobe cases				
3161031	All-leather and chiefly leather.....	No. of units			
3161035	Chiefly non-leather.....	No. of units			
	Men's club and overnight bags				
3161041	All-leather and chiefly leather.....	No. of units			
3161045	Chiefly non-leather.....	No. of units			
	Occupational luggage cases (physicians', sample, instrument, etc.)				
3161051	All-leather and chiefly leather.....	No. of units			
3161055	Chiefly non-leather.....	No. of units			
	Trunks, hand trunks, and lockers				
3161061	All-leather and chiefly leather.....	No. of units			
3161065	Chiefly non-leather.....	No. of units			
	Brief cases, zipper cases, brief bags, and school bags				
3161071	All-leather and chiefly leather.....	No. of units			
3161075	Chiefly non-leather.....	No. of units			
3161081	Luggage handles and trimmings.....	Dollars			
3161085	Dressing cases (including men's toilet cases).....	No. of units			
3161098	Other luggage (Specify kind)				
	.....	No. of units			
	.....	No. of units			



MAJOR GROUP 31 - LEATHER AND LEATHER PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3171 - HANDBAGS AND PURSES - MC-31E					
31710--	WOMEN'S HANDBAGS AND PURSES				
3171011	All-leather and chiefly leather.....	No. of units			
3171051	Plastic or chiefly plastic.....	No. of units			
3171071	Other materials.....	No. of units			
3171098	Other handbags and purses (including cosmetic bags).....	No. of units			
INDUSTRY 3172 - SMALL LEATHER GOODS - MC-31E					
31720--	LEATHER BILLFOLDS, WALLETS, KEYCASES, ETC.				
	Billfolds and wallets				
3172011	All-leather and chiefly leather.....	No. of units			
3172015	Plastic or chiefly plastic.....	No. of units			
3172017	Other.....	No. of units			
3172051	Key cases.....	No. of units			
3172098	Other personal leather goods (Specify kind)	No. of units			
	.....	No. of units			
	.....	No. of units			
INDUSTRY 3192 - SADDLERY, HARNESS, AND WHIPS - MC-31E					
31920--	SADDLERY, HARNESS, AND WHIPS				
3192011	Harness and harness parts (excluding collars).....	No. of units			
3192031	Horse collars.....	No. of units			
3192051	Saddles.....	No. of units			
3192098	Other, including saddletrees, whips, crops, and horseboots.....	No. of units			
INDUSTRY 3199 - LEATHER GOODS, N.E.C. - MC-31E					
31990--	LEATHER GOODS, N.E.C.				
3199011	Leather novelties.....	Dollars			
3199098	Other leather goods, n.e.c.....	Dollars			

MAJOR GROUP 32 - STONE, CLAY, AND GLASS PRODUCTS

(A)	Unit of measure (B)	Total shipments and interplant transfers		Interplant transfers only		Produced and consumed in this plant in the manufacture of other products (quantity) (H)
		Quan. (D)	Value (E)	Quan. (F)	Value (G)	
<b>INDUSTRY 3211 - FLAT GLASS - MC-32A</b>						
32111--	SHEET (WINDOW) GLASS (INCLUDE COLORED AND BENT SHEET GLASS)					
3211111	Thin glass, including picture glass (less than 16 oz. per square foot).....	M of boxes				
3211121	Single strength.....	M of boxes				
3211131	Double strength.....	M of boxes				
3211141	Greenhouse glass.....	M of boxes				
3211151	Heavy sheet.....	M of boxes				
32112--	PLATE GLASS					
3211211	Plate glass - tempered and untempered (all thicknesses, including regular, colored, color clear, heat-absorbing, bent, etc., standard plate glass).....	M sq. ft.				
32113--	OTHER FLAT GLASS					
	Obscured glass, translucent but not transparent (exclude wire glass)					
3211311	Rolled glass, rough, fluted, figured, etc.....	M sq. ft.				
3211315	Colored cathedral, opalescent, and antique glass.....	M sq. ft.				
	Wire glass					
3211321	Rough-rolled and obscured.....	M sq. ft.				
3211325	Polished.....	M sq. ft.				
3211331	Structural opaqued glass (exclude glass block and tile)....	M sq. ft.				
3211341	Multiple-glazed sealed insulating units.....	M sq. ft.				
3211398	Other flat glass (Specify kind, such as plate glass blanks, and indicate unit of measure)					
	.....					
	.....					
32311--	LAMINATED GLASS (INCLUDING SAFETY GLASS)(SEE ALSO INDUSTRY 3231) <sup>1</sup>					
3231111	Laminated plate 1/4" and under.....	M sq. ft.				
3231131	Laminated plate, over 1/4".....	M sq. ft.				
3231151	Laminated sheet (window) glass.....	M sq. ft.				
3231198	Other laminated glass.....	M sq. ft.				

<sup>1</sup>Classify in Industry 3211, if plant produces laminated glass primarily from glass produced in the same establishment.

		(B)	(C)	(D)	(E)
<b>INDUSTRY 3221 - GLASS CONTAINERS - MC-32B</b>					
32210--	GLASS CONTAINERS				
	Domestic shipments				
	Machine-made				
	Narrow neck				
3221011	Food.....	Gross			
3221013	Medicinal and health supplies.....	Gross			
3221015	Chemical, household and industrial.....	Gross			
3221017	Toiletries and cosmetics.....	Gross			
3221019	Beverage, returnable.....	Gross			
3221021	Beverage, nonreturnable.....	Gross			
3221023	Beer, returnable.....	Gross			
3221025	Beer, nonreturnable.....	Gross			
3221027	Liquor.....	Gross			
3221029	Wine.....	Gross			
	Wide mouth				
3221031	Food.....	Gross			
3221032	Medicinal and health supplies.....	Gross			
3221033	Chemical, household and industrial.....	Gross			
3221034	Toiletries and cosmetics.....	Gross			
3221036	Packers' tumblers.....	Gross			
3221037	Dairy products.....	Gross			
3221038	Fruit jars.....	Gross			
3221039	Jelly glasses.....	Gross			
3221053	Handmade, all types.....	Gross			
3221061	Export shipments (all types of glass containers).....	Gross			
3221X11	Net weight of glass containers packed.....	M pounds			
3221X21	Total production, codes 3221011-17.....	Gross			
3221X31	Total production, codes 3221031-34.....	Gross			

NUMERICAL LIST OF MANUFACTURED PRODUCTS - PART I - F MANUFACTURE

MARCH 1962

(A)	(B)	(C)	(D)	(E)
<b>INDUSTRY 3229 - PRESSED AND BLOWN GLASSWARE, N.E.C.</b>				
32290--	<b>PRESSED AND BLOWN GLASS AND GLASSWARE, EXCEPT GLASS CONTACTS</b> Machine-made table, kitchen, art, and novelty glassware (including glassware made by machines with automatic and semi-automatic feeds)			
3229011	Tumblers (except those designed exclusively for use as tuckers), goblets, and other stemware.....	M dozens		
3229013	Tableware (designed for serving food and drink. Exclude tumblers, goblets, and other stemware.....)	M dozens		
3229015	Kitchenware (designed for preparing and storing food in homes and commercial establishments. Exclude cooking ware.....)	M dozens		
3229017	Ornamental, decorative, novelty glassware, and smokers' accessories.....	M dozens		
	Cooking ware (heat-resistant, heat-treated, and annealed)			
	Machine-made			
3229021	Custard cups, cake and bread bakers, casseroles, and pie plates.....	M pieces		
3229023	Other cooking ware (including top-of-stove ware).....	M pieces		
3229025	Handmade and machine-made coffee and beverage makers (complete units only, excluding tea kettles).....	M pieces		
3229027	Other handmade cooking ware.....	M pieces		
	Handmade table, art, and novelty glassware			
	Pressed ware			
3229031	Tumblers, goblets, and other stemware.....	M dozens		
3229032	Tableware (exclude tumblers, goblets, and other stemware).....	M dozens		
3229033	Ornamental, decorative, novelty glassware, and smokers' accessories.....	Dollars		
	Blown ware			
3229035	Tumblers (excluding footed ware).....	M dozens		
3229036	Goblets and other stemware (including footed ware).....	M dozens		
3229037	Ornamental, decorative, novelty glassware, and smokers' accessories (include ornamental tableware).....	Dollars		
	Lighting and electronic glassware			
3229041	Electric-light bulb blanks.....	Thousand		
3229042	Electronic-tube blanks (radio, X-ray, radar, and special tubes).....	Thousand		
3229043	Other electrical discharge tubing, including fluorescent and neon.....	M lin. ft.		
3229044	Shields and plates for fluorescent and incandescent lighting fixtures.....	Dollars		
3229045	Bowls, all types.....	Dollars		
3229046	Enclosing globes, all types.....	Dollars		
3229047	Shades, reflectors, and torchiers (include I.E.S. and C.L.M. shades).....	Dollars		
3229048	Railroad, marine, air, and traffic lighting glassware.....	Dollars		
3229051	Lamp parts.....	Dollars		
3229054	Tubing and cane for electric light bulbs (including exhaust tubes and flares for fluorescent lamps).....	M pounds		
3229055	Television tube blanks and parts.....	M tube faces		
3229056	Tubing, cane, and other glass parts for electronic tubes and devices.....	M pounds		
3229057	Lamp chimneys.....	M dozens		
3229058	Lantern globes (oil and electric).....	M dozens		
3229059	Other interior and exterior lighting glassware, not shown above (including oil founts and prisms).....	Dollars		
	Technical and scientific glassware			
3229061	Tubing, rods, and canes, all types (except electrical and electronic).....	M pounds		
3229063	Insulators, all types.....	M pounds		
3229065	Scientific and laboratory glassware.....	Dollars		
3229069	Other technical glassware, except electronic tube blanks.....	Dollars		
	Other glassware			
3229071	Industrial glassware (include such products as gauge glass, instrument faces, machine parts, glass knobs, meter covers, pumps, battery jars, etc.).....	Dollars		
		M block		
		8"x8"x4"		
		equivalent)		
3229072	Glass block.....	Thousand		
3229073	Sun-glass lenses and other eye-protective lenses, nonprescription type.....	M dozens		
3229081	Ophthalmic lens blanks.....	M dozens		
3229082	Optical instrument lens blanks.....	M dozens		
3229083	Christmas tree ornaments.....	M dozens		
	All other pressed and blown glassware			
	Machine-made			
3229084	Consumer items (including nursery bottles, glass lids, etc.) (Specify kind).....	Dollars		
		Dollars		
3229085	Other (stationers' ware, lantern and searchlight lenses, automotive lenses, including sealed beam, etc.).....	Dollars		
3229087	Handmade (including such products as kitchen-ware other than cooking ware, stationers' ware, and nursery bottles) (Specify kind).....	Dollars		
		Dollars		



MAJOR GROUP 32 - STONE, CLAY, AND GLASS PRODUCTS--Continued

(A)	(B)	(C)	Total shipments interplant transfers		Interplant transfers only	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)
<b>INDUSTRY 3231 - PRODUCTS OF PURCHASED GLASS - MC-32C</b>						
32311--	LAMINATED GLASS (INCLUDING SAFETY GLASS) (SEE ALSO INDUSTRY 3211) <sup>1</sup>					
3231111	Laminated plate, 1/4" and under.....	M sq. ft.				
3231131	Laminated plate, over 1/4".....	M sq. ft.				
3231151	Laminated sheet (window) glass.....	M sq. ft.				
3231198	Other laminated glass.....	M sq. ft.				
32312--	MIRRORS					
	Mirrors - framed, decorated and undecorated					
3231211	Plate glass.....	M sq. ft.				
3231251	Other glass.....	M sq. ft.				
	Mirrors - unframed, decorated and undecorated					
3231261	Plate glass.....	M sq. ft.				
3231263	Other glass.....	M sq. ft.				
32313--	OTHER GLASS PRODUCTS					
3231311	Decorated glassware (including bent glassware, applied color, etc.)	Dollars				
3231341	Cutware, engraved, etched, and sandblasted glassware.....	Dollars				
3231351	Watch crystals.....	Dollars				
3231398	Other glass products, such as stained and leaded glass, automobile glass other than safety (cut, beveled, and polished), beveled and polished plate glass, bent plate and sheet glass, etc. (Specify kind)	Dollars				
	.....	Dollars				
	.....	Dollars				
<b>INDUSTRY 3241 - CEMENT, HYDRAULIC - MC-32D</b>						
32410--	CEMENT, HYDRAULIC, EXCLUDING COST OF SHIPPING CONTAINERS					
3241011	Portland cement.....	M bbls of 376 lbs.				
3241031	Prepared or mixed hydraulic and masonry cements other than special portlands.....	M bbls of 280 lbs.				
3241051	Natural, masonry-natural, and puzzolan cements.....	M bbls of 280 lbs.				
<b>INDUSTRY 3251 - BRICK AND HOLLOW TILE - MC-32E</b>						
32510--	CLAY BRICK AND HOLLOW TILE					
	Structural clay products					
	Brick (except ceramic glazed brick and refractory brick)					
3251011	Building or common, and face (report brick 2 1/4"x3 5/8"x7 5/8" or equivalent).....	M brick				
3251019	Other brick (paving, floor, and sewer) (report brick 2 1/4"x3 5/8"x7 5/8" or equivalent).....	M brick				
3251031	Structural clay tile, except facing (including load-bearing and non-load-bearing tile, silo tile, corner tile, structural floor tile, etc.).....	Short ton				
	Facing tile (structural) and ceramic glazed brick					
3251051	Ceramic glazed facing tile and ceramic glazed brick.....	M brick equiv.				
3251059	Unglazed and salt glazed facing tile (report tile 8" x 5" x12" or equivalent).....	M tile				

MAJOR GROUP 32 - STONE, CLAY, AND GLASS PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3253 - FLOOR AND WALL TILE - MC-32E					
32530--	CLAY FLOOR AND WALL TILE, EXCEPT QUARRY TILE				
3253011	Glazed floor and wall tile and accessories.....	Sq. ft.			
3253051	Unglazed floor and wall tile and accessories, except quarry tile.....	Sq. ft.			
INDUSTRY 3254 - SEWER PIPE - MC-32E					
32540--	CLAY SEWER PIPE				
3254011	Vitrified clay sewer pipe and fittings.....	Short ton			
INDUSTRY 3255 - CLAY REFRACTORIES - MC-32F					
32550--	CLAY REFRACTORIES				
3255011	Fire clay brick, standard and special shapes, except superduty.....	M 9" equiv.			
3255015	Superduty fire clay brick, standard and special shapes.....	M 9" equiv.			
3255021	High alumina brick, standard and special shapes (50% Al <sub>2</sub> O <sub>3</sub> and over, except fused alumina and mullite).....	M 9" equiv.			
3255025	Insulating fire brick, standard and special shapes.....	M 9" equiv.			
3255031	Ladle brick.....	M 9" equiv.			
3255035	Hot top refractories.....	M 9" equiv.			
3255041	Sleeves, nozzles, runner brick, and tuyeres.....	M 9" equiv.			
3255045	Glass-house pots, tank blocks, upper structure and floaters.....	Short ton			
3255051	High-temperature bonding mortars.....	Short ton			
3255061	Plastic clay refractories (including wet and dry ramming mixtures).....	Short ton			
3255065	Cast and castables (hydraulic setting).....	Short ton			
3255098	Other clay refractories (Specify kind and unit of measure)				
	.....				
	.....				
INDUSTRY 3259 - STRUCTURAL CLAY PRODUCTS, N.E.C. - MC-32E					
32590--	STRUCTURAL CLAY PRODUCTS, N.E.C.				
3259011	Drain tile.....	Short ton			
3259021	Terra cotta (architectural).....	Short ton			
3259031	Quarry tile.....	Sq. ft.			
3259041	Roofing tile.....	Square (100 sq. ft.)			
3259051	Flue lining.....	Short ton			
3259098	Other clay construction products (such as conduit, chimney pipe, tops, and thimbles, wall coping, adobe brick, etc.) (Specify kind and unit of measure)				
	.....				
	.....				
INDUSTRY 3261 - VITREOUS PLUMBING FIXTURES - MC-32G					
32610--	VITREOUS AND SEMIVITREOUS PLUMBING FIXTURES				
3261011	China and earthenware plumbing fixtures (total as reported quarterly on Census Form M51H during 1954).....	Dollars			
3261051	China and earthenware plumbing fixture accessories and fittings (including towel racks, soap cups, etc.).....	Dollars			
3261098	Other China and earthenware plumbing fixtures (not reported quarterly on Census Form M51H during 1954) (Specify kind)				
	.....	Dollars			
	.....	Dollars			

## MAJOR GROUP 32 - STONE, CLAY, AND GLASS PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3262 - VITREOUS-CHINA FOOD UTENSILS - MC-32G					
32620--	VITREOUS-CHINA INCLUDING PORCELAIN TABLE AND KITCHEN ARTICLES				
	Tableware (for serving food and drink)				
3262011	Hotel or commercial.....	Doz. of pieces			
3262017	Household.....	Doz. of pieces			
	Kitchenware (for cooking, preparing and storing food and drink)				
3262051	Hotel or commercial.....	Doz. of pieces			
3262055	Household.....	Doz. of pieces			
INDUSTRY 3263 - EARTHENWARE FOOD UTENSILS - MC-32G					
32630--	EARTHENWARE TABLE AND KITCHEN ARTICLES				
	Tableware (for serving food and drink)				
3263011	Hotel or commercial.....	Doz. of pieces			
3263017	Household.....	Doz. of pieces			
	Kitchenware (for cooking, preparing, and storing food and drink)				
3263051	Hotel or commercial.....	Doz. of pieces			
3263055	Household.....	Doz. of pieces			
INDUSTRY 3264 - PORCELAIN ELECTRICAL SUPPLIES - MC-32G					
32640--	PORCELAIN AND STEATITE ELECTRICAL SUPPLIES				
	Porcelain electrical products				
3264011	High voltage porcelain products (wet process porcelain) including integral hardware parts.....	Dollars			
3264021	All standard dry process electrical porcelain, including cleats, knobs, tubes, outlet and switch box covers, etc.....	Dollars			
3264031	All special dry process electrical porcelain, including porcelain parts for wiring devices, fuses, circuit breakers, radio receiving sets, spark plugs, etc., and electrical refractory porcelain.....	Dollars			
3264041	Steatite electrical products.....	Dollars			
3264098	Other ceramic electrical products, including aluminum oxide and zircon electrical products (Specify kind)	Dollars			
	.....	Dollars			
	.....	Dollars			
3264X11	Value of metal fittings, if any, that are an integral part of insulators and whose value is included in the value of shipments of porcelain and steatite electrical supplies.....	Dollars			
INDUSTRY 3265 - CHINA DECORATING FOR THE TRADE - MC-32P					
32650--	CHINA DECORATING FOR THE TRADE				
3265011	China decorating for the trade.....	Dollars			
INDUSTRY 3269 - POTTERY PRODUCTS, N.E.C. - MC-32G					
32691--	ART, DECORATIVE, AND NOVELTY POTTERY WARE (INCLUDE VASES, LAMP BASES, FIGURES, PLAQUES, BOOK ENDS, GARDEN POTTERY, ASH TRAYS, ETC.)				
3269111	China and porcelain.....	Dollars			
3269151	Earthenware and stoneware.....	Dollars			
32692--	STONWARE TABLE AND KITCHEN ARTICLES (FOR SERVING, COOKING, PREPARING, AND STORING FOOD AND DRINK)				
3269211	Hotel or commercial.....	Doz. of pieces			
3269251	Household.....	Doz. of pieces			
32693--	OTHER POTTERY PRODUCTS, N.E.C.				
3269311	Chemical, technical, and industrial pottery ware (including chemical stoneware and porcelain, pyrometric tubes, etc.).....	Dollars			
3269351	Red unglazed earthenware (flower pots, etc.).....	Dollars			
3269398	All other pottery products (including pyrometric cones, veritas rings, etc.) (Specify kind)	Dollars			
	.....	Dollars			
	.....	Dollars			



MAJOR GROUP 32 - STONE, CLAY, AND GLASS PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)
<b>INDUSTRY 3271 - CONCRETE PRODUCTS - MC-32H AND MC-32Q</b>				
<b>32711-- CONCRETE BLOCK AND BRICK</b>				
Block				
3271111	Light-weight aggregate (cinder, expanded slag, etc.).....	} M block (8"x8"x16" equivalent)		
3271115	Heavy-weight aggregate.....			
3271151	Brick.....		M brick	
<b>32712-- CONCRETE PIPE</b>				
3271211 Culvert pipe.....				
Sewer pipe				
3271221	Reinforced.....	Short ton		
3271225	Nonreinforced.....	Short ton		
3271231	Pressure pipe.....	Short ton		
3271241	Irrigation pipe.....	Short ton		
3271298	Other concrete pipe (such as drain tile and conduits).....	Short ton		
<b>32713-- OTHER CONCRETE PRODUCTS</b>				
Roof and floor units				
3271311	Slabs and tile.....	Sq. ft.		
3271315	Joists and beams.....	Lin. ft.		
3271321	Cast stone (products for architectural purposes such as window sills, lintels, ashlar, coping, posts, ornamental columns, interior facings, and other trim).	Dollars		
3271331	Burial vaults and boxes.....	Number		
3271341	Silo staves.....	Number		
3271351	Laundry trays.....	Number		
3271398	Other products (such as piling, posts and poles, crossing slabs, garden furniture, storage and septic tanks, catch basin covers, shower receptors, gravestones, and prefabricated housing units) (Specify kind)			
	.....	Dollars		
	.....	Dollars		
<b>INDUSTRY 3272 - GYPSUM PRODUCTS - MC-32J</b>				
<b>32720-- GYPSUM PRODUCTS</b>				
3272011	Industrial plasters.....	Short ton		
3272051	Building plasters and prefabricated building materials.....	Short ton		
<b>INDUSTRY 3274 - LIME - MC-32D</b>				
<b>32740-- LIME (EXCLUDING COST OF SHIPPING CONTAINERS)</b>				
3274011	Quicklime.....	Short ton		
3274051	Hydrated lime.....	Short ton		
3274071	Dead-burned dolomite.....	Short ton		

MAJOR GROUP 32 - STONE, CLAY, AND GLASS PRODUCTS--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 3275 - MINERAL WOOL - MC-32K</b>			
32750--	MINERAL WOOL (FROM ROCK, SLAG, AND GLASS)		
	Structural insulation (for insulating homes, commercial and industrial buildings for human comfort)		
3275011	Loose wool (shipped as such).....	Short ton	
3275015	Granulated wool.....	Short ton	
	Building batts, blankets, and rolls		
3275021	Full thick (3 inches or more).....	M sq. ft.	
3275025	Less than 3 inches thick.....	M sq. ft.	
	Industrial insulation (for insulating installed industrial equipment such as boilers, hot ducts, etc.)		
3275031	Loose wool (shipped as such).....	Short ton	
3275034	Insulating cements.....	Short ton	
3275035	Industrial blankets (with wire mesh or other facings).....	M bd. ft.	
3275036	Blocks and boards.....	M bd. ft.	
3275037	Pipe insulation.....	M lin. ft.	
3275038	Accoustical pads and boards.....	M sq. ft.	
3275039	Other industrial insulation (such as granulated wool, felts and felted products, and industrial batts).....	Dollars	
	Equipment insulation (for installation as integral part of such domestic or commercial equipment as refrigerators, hot water heaters, etc.)		
3275051	Loose wool and granulated wool.....	Short ton	
3275053	Batts, felts, and blankets.....	M bd. ft.	
3275055	Blocks.....	M bd. ft.	
3275057	Pipe insulation and insulating cement.....	Short ton	
3275098	Other mineral wool insulating products (Specify kind)	Dollars	
	.....	Dollars	
	.....	Dollars	
<b>INDUSTRY 3281 - CUT-STONE AND STONE PRODUCTS - MC-32L</b>			
<b>32811-- CUT MARBLE AND MARBLE PRODUCTS</b>			
3281111	Building stone.....	Dollars	
3281131	Monumental stone.....	Dollars	
3281198	Other marble products (Specify kind)	Dollars	
	.....	Dollars	
	.....	Dollars	
<b>32812-- CUT GRANITE AND GRANITE PRODUCTS</b>			
3281211	Building stone.....	Dollars	
3281231	Monumental stone.....	Dollars	
3281298	Other granite products (Specify kind)	Dollars	
	.....	Dollars	
	.....	Dollars	
<b>32813-- CUT LIMESTONE AND LIMESTONE PRODUCTS</b>			
3281311	Building stone.....	Dollars	
3281398	Other limestone products (Specify kind)	Dollars	
	.....	Dollars	
	.....	Dollars	
<b>32814-- OTHER CUT-STONE AND STONE PRODUCTS</b>			
3281411	Slate products.....	Dollars	
3281498	Other stone products (such as basalt, sandstone, etc. Specify type and kind)	Dollars	
	.....	Dollars	
	.....	Dollars	

NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURE

MAJOR GROUP 32 - STONE, CLAY, AND GLASS PRODUCTS--Continued

A		(B)	D	E	H
INDUSTRY 3291 - ABRASIVE PRODUCTS - MC-32M					
32911--	NONMETALLIC ABRASIVES				Produced and consumed in this plant in the manufacture of other products quantity,
	Artificial (synthetic) abrasives				
	Lump (crude)				
3291111	Silicon carbide.....	Short ton			
3291113	Aluminum oxide.....	Short ton			
3291115	Other (including combinations of silicon carbide and aluminum oxide, boron carbide, etc.).....	Short ton			
	Sized grains, powders, and flour (include graded products only)				
3291117	Silicon carbide.....	Short ton			
3291119	Aluminum oxide.....	Short ton			
3291121	Other (including combinations of silicon carbide and aluminum oxide, boron carbide, etc.).....	Short ton			
	Coated abrasive products (coated or impregnated with artificial abrasive material)				
3291123	Cloth.....	Ream			
3291125	Paper.....	Ream			
3291127	Other (including paper-cloth combinations, vulcanized fiber-cloth combinations, vulcanized fiber, etc.).....	Dollars			
	Bonded abrasive products				
3291129	Sticks, stones, hones, balls, and brick (excluding refractory brick, floor and stair brick, and similar byproducts).....	Dollars			
	Grinding and cutting wheels				
3291131	Silicon carbide.....	Dollars			
3291133	Aluminum oxide.....	Dollars			
3291135	Other grinding and cutting wheels (including combination of silicon carbide and aluminum oxide).....	Dollars			
3291137	Other artificial nonmetallic abrasives and abrasive products including grinding, lapping, and buffing compounds (Specify kind).....	Dollars			
	.....	Dollars			
	Natural abrasives, except diamonds				
	Sized grains, powders, and flour (graded products only)				
3291141	Emerald and garnet.....	Short ton			
3291144	Other natural sized grains and powders (including corundum, silica, pumice, pumicite, flint, and flint-quartz).....	Short ton			
	Coated abrasive products (coated or impregnated with natural abrasive material)				
3291147	Cloth.....	Ream			
3291149	Paper.....	Ream			
3291151	Other (including paper-cloth combinations, vulcanized fiber-cloth combinations, vulcanized fiber, etc.).....	Dollars			
	Bonded abrasive products				
3291153	Sticks, stones, hones, and brick (excluding refractory brick, floor and stair brick, and similar byproducts).....	Dollars			
3291155	Grinding and cutting wheels.....	Dollars			
3291157	Other natural nonmetallic abrasives, including grinding, lapping, and buffing compounds (Specify kind).....	Dollars			
	.....	Dollars			
	Diamond abrasives				
3291161	Diamond wheels.....	Dollars			
3291163	Other diamond abrasives (Specify kind).....	Dollars			
	.....	Dollars			
32912--	METAL ABRASIVES				
3291211	Steel and iron grit, shot, and sand.....	Short ton			
3291231	Steel wool (except metal soap pads).....	Short ton			
	Metal soap pads				
3291251	Impregnated metal pads (soap and other detergents).....	Gross			
3291255	Metal pads not impregnated soap and other detergents in package).....	Gross			
3291298	Other metal abrasives.....	Dollars			
32913--	BUFFING AND POLISHING WHEELS AND LAPS				
3291311	Buffing and polishing wheels and laps made of cloth, leather, felt, and other materials (containing no abrasive grains, powders, or flour).....	Dollars			



MAJOR GROUP 32 - STONE, CLAY, AND GLASS PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)
<b>INDUSTRY 3292 - ASBESTOS PRODUCTS - MC-32N</b>					
32921--	ASBESTOS TEXTILES				
3292111	Carded fibre.....	Pound			
3292121	Roving and lap.....	Pound			
3292131	Wick and rope.....	Pound			
3292141	Yarn, cord, and thread.....	Pound			
3292151	Cloth.....	Pound			
3292161	Tape.....	Pound			
3292198	Other asbestos textiles, n.e.c.....	Pound			
32922--	ASBESTOS FRICTION MATERIALS				
	Brake linings				
3292211	Woven (containing asbestos yarn, tape, or cloth).....	Lin. ft.			
3292215	Molded (including all nonwoven types).....	Cu. ft.			
	Clutch facing				
3292251	Woven (containing asbestos yarn, tape, or cloth).....	M pieces			
3292255	Molded (including all nonwoven types).....	M pieces			
32923--	ASPHALT FLOOR TILE				
3292311	Asphalt floor tile.....	M sq. yds.			
32924--	ASBESTOS-CEMENT SHINGLES AND CLAPBOARD				
3292411	Siding shingles and clapboard.....	Square			
3292451	Roofing shingles.....	Square			
32925--	ASBESTOS-CEMENT FLAT AND CORRUGATED SHEETS AND WALLBOARD				
3292511	Flat sheets and wallboard, all thicknesses converted to 1/4" basis.....	100 sq. ft.			
3292551	Corrugated sheets.....	100 sq. ft.			
32926--	OTHER ASBESTOS-CEMENT PRODUCTS				
3292611	Pipe, conduits, and ducts (including pressure pipe).....	Short ton			
3292651	Asbestos millboard.....	Short ton			
3292698	Other asbestos-cement products (Specify kind)	Dollars			
	.....	Dollars			
<b>INDUSTRY 3293 - GASKETS AND ASBESTOS INSULATIONS - MC-32N</b>					
32931--	ASBESTOS INSULATIONS				
	Pipe insulation				
3293111	Cellular and laminated.....	Dollars			
3293113	85 percent magnesia.....	Dollars			
3293119	Other pipe insulation (Specify kind)	Dollars			
	.....	Dollars			
	Block insulation (including sheet and lagging)				
3293151	Cellular and laminated.....	M bd. ft.			
3293153	85 percent magnesia.....	M bd. ft.			
3293159	Other block insulation (Specify kind)	M bd. ft.			
	.....	M bd. ft.			
3293198	Other asbestos insulation (Specify kind)	Dollars			
	.....	Dollars			
32932--	GASKETS, ALL TYPES				
3293211	Asbestos, asbestos-metallic, and asbestos-rubber.....	Dollars			
3293221	Cork.....	Dollars			
3293231	Rubber (except asbestos-rubber).....	Dollars			
3293243	Paper and felt base.....	Dollars			
3293251	Metal.....	Dollars			
3293298	Leather and other gaskets (Specify kind)	Dollars			
	.....	Dollars			
32933--	PACKING, EXCEPT LEATHER, RUBBER AND METAL				
3293311	Asbestos compressed sheet.....	Pound			
3293331	Other asbestos, asbestos-metallic, and asbestos-rubber.....	Pound			
3293398	Other packing (Specify kind)	Pound			
	.....	Pound			

MAJOR GROUP 32 - STONE, CLAY, AND GLASS PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3294 - NATURAL GRAPHITE, REFINED OR BLENDED (COMBINED WITH INDUSTRY 3295) -					
INDUSTRY 3295 - MINERALS: GROUND OR TREATED (INCLUDES FORMER INDUSTRY 3294)					
32951--	LIGHT-WEIGHT AGGREGATE, EXCEPT VERMICULITE				
3295111	Light-weight aggregate (such as diatomaceous earth, expanded clay, expanded slag, cinders, perlite, haydite, but excluding vermiculite) (Specify kind)	Short ton			
	.....	Short ton			
32952--	MINERALS AND EARTHS, GROUND OR OTHERWISE TREATED				
3295211	Crushed slag.....	Short ton			
3295221	Ground talc.....	Short ton			
3295231	Ground feldspar.....	Short ton			
3295251	Crushed and ground uncalcined gypsum (including gypsite and anhydrite).....	Short ton			
3295271	Ground mica.....	Short ton			
3295298	Other minerals and earths: ground or otherwise treated (including roofing granules, activated clays, pulverized limestone, silica, and pyrophyllite) (Specify kind)	Short ton			
	.....	Short ton			
32953--	NATURAL GRAPHITE, GROUND, REFINED OR BLENDED				
3295311	Natural graphite, ground, refined or blended.....	Short ton			
INDUSTRY 3296 - SAND-LIME PRODUCTS (COMBINED WITH INDUSTRY 3299)					
INDUSTRY 3297 - NONCLAY REFRACTORIES - MC-32F					
32970--	NONCLAY REFRACTORIES				
3297011	Silica brick and shapes.....	M 9" equiv.			
3297015	Magnesite and magnesite-chrome (magnesite predominating) brick and shapes.....	M 9" equiv.			
3297021	Chrome and chrome-magnesite (chrome predominating) brick and shapes.....	M 9" equiv.			
3297031	Graphite and other carbon crucibles and retorts.....	Short ton			
3297041	Other graphite and carbon refractories.....	Short ton			
3297051	Other nonclay brick and shapes not included above: Specify kind (silicon carbide, fused alumina, fused magnesia, mullite, kyanite, sillimanite, zirconia, forsterite, etc.) and unit of measure				
	.....				
3297061	High-temperature bonding mortars.....	Short ton			
3297071	Plastic nonclay refractories (including wet and dry ramming mixtures).....	Short ton			
3297081	Dead-burned magnesia or magnesite.....	Short ton			
3297098	Other nonclay refractory materials sold in lump or ground form (including ground silica and nonclay cast and castables).....	Short ton			

MAJOR GROUP 32 - STONE, CLAY, AND GLASS PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3298 - STATUARY AND ART GOODS - MC-32P				
32980--	STATUARY AND ART GOODS			
3298011	Statuary and art goods (factory production).....	Dollars		
INDUSTRY 3299 - NON-METALLIC MINERAL PRODUCTS, N.E.C. (INCLUDES FORMER INDUSTRY 3296) - MC-32K AND MC-32P				
32991--	EXFOLIATED VERMICULITE			
	Building insulation			
3299111	Loose fill.....	M cu. ft.		
3299113	Aggregate.....	M cu. ft.		
3299115	Other (such as accoustical).....	M cu. ft.		
3299157	Industrial insulation.....	M cu. ft.		
3299198	Other insulating products of exfoliated vermiculite (Specify kind)			
	.....	Dollars		
	.....	Dollars		
32992--	SHEET MICA PRODUCTS, EXCEPT RADIO PARTS			
3299211	Sheet mica products, except radio parts.....	Dollars		
32993--	SAND LIME BRICK, BLOCK AND TILE			
3299311	Sand lime brick.....	M brick		
3299398	Other sand lime products (Specify kind)			
	.....	Dollars		
	.....	Dollars		
32994--	OTHER NONMETALLIC MINERAL PRODUCTS, N.E.C.			
3299411	Magnesite floor composition.....	Dollars		
3299451	Stucco.....	Dollars		
3299498	Other nonmetallic mineral products, including sapphire boule (Specify kind)			
	.....	Dollars		
	.....	Dollars		







MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES--Continued

(A)	(B)	(C)	(D)	(E)	Interplant transfers only		Receipts (quantity) (H)	Products consumed in this plant-- (quantity)		
					Quan. (F)	Value (G)		In the manufacture of other steel basic shapes and forms (K)	In the manufacture of fabricated products (L)	For maintenance, repair, and operating supplies (M)
INDUSTRY 3312 - STEEL WORKS AND ROLLING MILLS (PART OF S.I.C. INDUSTRY 3312) - MC-33B--Continued										
33129--	OTHER STEEL MILL SHAPES AND FORMS									
	Carbon steel									
	Rails, wheels, and track accessories									
	Rails									
3312911	Standard tee (over 60 lb. per yard)									
3312912	Light tee (60 lb. per yd. and under).....									
3312913	All other (girder, guard, etc.)...									
3312914	Rail joints and tie plates.....									
3312915	Wheels, rolled (including tires and rims).....									
3312919	Other rolled and drawn carbon steel products (Specify kind) .....									
	..... Short ton									
	..... Short ton									
3312939	Alloy steel (excluding stainless)									
	Other rolled and drawn alloy steel products (Specify kind) .....									
	..... Short ton									
	..... Short ton									
3312959	Stainless steel									
	Other rolled and drawn stainless steel products (Specify kind) .....									
	..... Short ton									
	..... Short ton									
				Steel ingots			Steel for castings			
	Carbon		Alloy excluding stainless		Stainless		Carbon		Alloy excluding stainless	
	(C)		(D)		(E)		(F)		(G)	
3312X--	PRODUCTION OF STEEL INGOTS AND STEEL FOR CASTINGS BY TYPE OF FURNACE									
	Open hearth									
3312X21	Basic.....									
3312X22	Acid.....									
3312X23	Electric.....									
3312X24	Bessemer.....									
3312X25	Crucible.....									





MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES--Continued

(A)	(B)	(C)	(D)	(E)	Interplant transfers only		Receipts (quantity) (H)	Products consumed in this plant-- (quantity)		
					Quan. (F)	Value (G)		In the manufacture of other steel basic shapes and forms (K)	In the manufacture of fabricated products (L)	For maintenance, repair, and operating supplies (M)
INDUSTRY 3312 - STEEL WORKS AND ROLLING MILLS (PART OF S.I.C. INDUSTRY 3312) - MC-33B--Cont'd.										
33992--	COLD-FINISHED STEEL BARS AND BAR SHAPES (SEE ALSO INDUSTRY 3399) <sup>1</sup>									
3399211	Carbon steel bars.....	Short ton								
3399231	Alloy steel (excluding stainless) bars.	Short ton								
3399251	Stainless steel bars.....	Short ton								
34810--	NAILS, SPIKES, BRADS, AND TACKS (INCLUDING STEEL CUT) (SEE ALSO INDUSTRIES 3392 AND 3481) <sup>1</sup>									
	Steel wire nails, spikes, and brads									
3481011	Bright.....	Short ton								
3481013	Galvanized.....	Short ton								
3481017	Cement-coated.....	Short ton								
3481019	Other (Specify kind) .....	Short ton								
	.....	Short ton								
3481021	Steel wire staples and tacks.....	Short ton								
3481031	Steel cut nails, spikes, and brads (including horseshoe nails).....	Short ton								
3481033	Steel cut tacks (including thumb tacks)	Short ton								
3481051	Nonferrous nails, brads, tacks, and staples.....	Short ton								
<sup>1</sup> Classify in Industry 3312, if plant is primarily engaged in the rolling of iron and steel into basic shapes as rods, bars, sheets, etc.										
INDUSTRY 3313 - ELECTROMETALLURGICAL PRODUCTS - MC-33A										
33130--	ELECTROMETALLURGICAL PRODUCTS (INCLUDING FERRO ALLOYS AND OTHER ADDITIVES) (SEE ALSO INDUSTRY 3311) <sup>1</sup>									
3313011	Ferroatloys and other additives (indicate the gross alloy weight in the tonnage columns).....	Short ton								
<sup>1</sup> Classify in Industry 3313, if plant produces additives in electric or other furnaces, except blast furnaces.										

MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES--Continued

(A)	(B)	Total shipments and interplant transfers		Interplant transfers only		Produced and consumed in this plant (quantity) (H)
		Quan. (D)	Value (E)	Quan. (F)	Value (G)	
<b>INDUSTRY 3321 - GRAY-IRON FOUNDRIES - MC-33C</b>						
33210--	GRAY-IRON CASTINGS <sup>1</sup>					
3321011	Molds for heavy steel ingots.....	Short ton				
3321021	Chilled iron railroad car wheels made on conversion basis.....	Short ton				
3321025	Chilled iron railroad car wheels made from manufacturers-owned metal.....	Short ton				
3321031	Rolls for rolling mills.....	Short ton				
	Cast iron pressure pipe and fittings					
3321051	Under 14" (inside diameter).....	Short ton				
3321053	14"-24" inclusive (inside diameter).....	Short ton				
3321059	Over 24" (inside diameter).....	Short ton				
3321061	Cast iron soil pipe and fittings.....	Short ton				
3321098	All other gray iron castings.....	Short ton				
<sup>1</sup> See also Industry 3323 for product class 3320X.						
<b>INDUSTRY 3322 - MALLEABLE-IRON FOUNDRIES - MC-33C</b>						
33220--	MALLEABLE-IRON CASTINGS <sup>1</sup>					
3322011	Malleable-iron castings.....	Short ton				
<sup>1</sup> See also Industry 3323, for product class 3320X.						
<b>INDUSTRY 3323 - STEEL FOUNDRIES - MC-33C</b>						
33230--	STEEL CASTINGS					
	Carbon steel castings					
3323011	Railway specialties.....	Short ton				
3323015	Rolls for rolling mills.....	Short ton				
3323019	Other carbon steel castings.....	Short ton				
3323031	High alloy steel castings (heat and/or corrosion resistant steel castings containing 8% or more of chromium or nickel, or both, with or without molybdenum or other elements).....	Short ton				
	Alloy steel castings other than heat, corrosion, and wear resistant					
3323051	Railway specialties.....	Short ton				
3323055	Rolls for rolling mills.....	Short ton				
3323059	Other alloy steel castings.....	Short ton				
				Steel castings		
		Gray iron castings (quantity)	Malleable iron castings (quantity)	Total (quantity)	Carbon steel (quantity)	Alloy steel, including high alloy (quantity)
	(B)	(D)	(E)	(F)	(G)	(H)
3320X--	PRODUCTION OF IRON AND STEEL CASTINGS BY METAL AND BY TYPE OF FURNACE					
3320X11	Cupola.....	Short ton				
	Open hearth					
3320X21	Basic.....	Short ton				
3320X25	Acid.....	Short ton				
3320X31	Electric.....	Short ton				
3320X41	Converter.....	Short ton				
3320X51	Air furnace (cold melting only).....	Short ton				
3320X61	Duplex and triplex melting.....	Short ton				
3320X71	Crucible.....	Short ton				
3320X98	All other furnaces (Specify kind).....	Short ton				
	.....	Short ton				
	.....	Short ton				



MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES--Continued

(A)	(B)	(C)	Total shipments and interplant transfers		Interplant transfers only		Shipments of products manufactured by you from materials owned by others (quantity, gross weight) (H)	Produced and consumed in this plant in the manufacture of other products (quantity, gross weight) (I)
			Quan. (D)	Value (E)	Quan. (F)	Value (G)		
<b>INDUSTRY 3331 - PRIMARY COPPER - MC-33D</b>								
33311--	COPPER SMELTER PRODUCTS							
3331111		Bliester or anode copper.....	Short ton					
3331151		Matte, speiss, flue dust, residues, etc.....	Short ton					
33312--	REFINED UNALLOYED COPPER (SEE ALSO INDUSTRY 3341) <sup>1</sup>							
3331211		Refined unalloyed copper.....	Short ton					
<sup>1</sup> Classify in Industry 3331, if plant produces copper primarily from the ore.								
<b>INDUSTRY 3332 - PRIMARY LEAD - MC-33D</b>								
33321--	LEAD SMELTER PRODUCTS							
3332111		Base bullion.....	Short ton					
3332151		Matte, speiss, etc.....	Short ton					
33322--	REFINED UNALLOYED LEAD (SEE ALSO INDUSTRY 3341) <sup>1</sup>							
3332211		Refined unalloyed lead.....	Short ton					
<sup>1</sup> Classify in Industry 3332, if plant produces lead primarily from the ore.								
<b>INDUSTRY 3333 - PRIMARY ZINC - MC-33D</b>								
33331--	ZINC RESIDUES AND OTHER ZINC SMELTER PRODUCTS							
3333111		Zinc residues and other zinc smelter products.....	Short ton					
33332--	REFINED UNALLOYED ZINC SMELTER PRODUCTS (SEE ALSO INDUSTRY 3341) <sup>1</sup>							
3333211		Slab zinc, except remelt.....	Short ton					
3333231		Remelt zinc.....	Short ton					
3333251		Zinc dust.....	Short ton					
<sup>1</sup> Classify in Industry 3333, if plant produces zinc primarily from the ore.								
<b>INDUSTRY 3334 - PRIMARY ALUMINUM - MC-33D</b>								
33340--	REFINED UNALLOYED ALUMINUM (SEE ALSO INDUSTRY 3341) <sup>1</sup>							
3334011		Refined unalloyed aluminum.....	Short ton					
<sup>1</sup> Classify in Industry 3334, if plant produces aluminum primarily from the ore or from alumina.								
<b>INDUSTRY 3335 - PRIMARY MAGNESIUM (COMBINED WITH INDUSTRY 3339)</b>								

MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES—Continued

(A)	(B)	Total ship- ments and interplant transfers		Interplant transfers only		Shipments of products manufac- tured by you from materials owned by others (quantity, gross weight) (H)	Produced and con- sumed in this plant in the manufac- ture of other products (quantity, gross weight) (I)
		Quan.	Value	Quan.	Value		
<b>INDUSTRY 3339 - PRIMARY NONFERROUS METALS, N.E.C. (INCLUDES FORMER INDUSTRY 3335) - MC-33D</b>							
33391-- 3339111	MAGNESIUM REFINING (SEE ALSO INDUSTRY 3341) <sup>1</sup> Refined magnesium.....	Short ton					
33392-- 3339211 3339231 3339251	PRECIOUS METALS (SEE ALSO INDUSTRY 3341) <sup>1</sup> Gold, refined..... Platinum, refined..... Silver, refined.....	Troy oz. Troy oz. Troy oz.					
33393--	OTHER NONFERROUS METALS, SMELTED OR REFINED (SEE ALSO INDUSTRY 3341) <sup>1</sup> Refined unalloyed metals						
3339311 3339321 3339331 3339341 3339351 3339361 3339371 3339379	Antimony..... Cadmium..... Cobalt..... Molybdenum..... Nickel..... Tin..... Titanium..... Other primary unalloyed metals (except copper, lead, zinc, aluminum, magnesium and precious metals) (Specify kind and unit of measure)	Short ton Short ton Short ton Short ton Short ton Short ton Short ton					
3339389	Smelter products Other unrefined nonferrous metals (except copper and lead) (including metal bearing furnace residues and other metal products which have to be further re- fined before sale to consumer) (Specify kind)	Short ton Short ton					
<sup>1</sup> Classify in Industry 3339, if plant produces metals primarily from ore.							
<b>INDUSTRY 3341 - SECONDARY NONFERROUS METALS - MC-33D</b>							
33312-- 3331211	REFINED UNALLOYED COPPER (SEE ALSO INDUSTRY 3331) <sup>1</sup> Refined unalloyed copper.....	Short ton					
33322-- 3332211	REFINED UNALLOYED LEAD (SEE ALSO INDUSTRY 3332) <sup>1</sup> Refined unalloyed lead.....	Short ton					
33332--	REFINED UNALLOYED ZINC SMELTER PRODUCTS (SEE ALSO INDUSTRY 3333) <sup>1</sup>						
3333211 3333231 3333251	Slab zinc, except remelt..... Remelt zinc..... Zinc dust.....	Short ton Short ton Short ton					
33340-- 3334011	REFINED UNALLOYED ALUMINUM (SEE ALSO INDUSTRY 3334) <sup>1</sup> Refined unalloyed aluminum.....	Short ton					

MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES--Continued

(A)	(B)	Total ship-ments and interplant transfers		Interplant transfers only		Shipments of products manufac-tured by you from materials owned by others (quantity, gross weight)	Produced and con-sumed in this plant in the manufac-ture of other products (quantity, gross weight)
		Quan.	Value	Quan.	Value		
INDUSTRY 3341 - SECONDARY NONFERROUS METALS - MC-33D--Continued							
33391--	MAGNESIUM REFINING (SEE ALSO INDUSTRY 3339) <sup>1</sup>						
3339111	Refined magnesium.....	Short ton					
33392--	PRECIOUS METALS (SEE ALSO INDUSTRY 3339) <sup>1</sup>						
3339211	Gold, refined.....	Troy oz.					
3339231	Platinum, refined.....	Troy oz.					
3339251	Silver, refined.....	Troy oz.					
33393--	OTHER NONFERROUS METALS, SMELTED OR REFINED (SEE ALSO INDUSTRY 3339) <sup>1</sup>						
	Refined unalloyed metals						
3339311	Antimony.....	Short ton					
3339321	Cadmium.....	Short ton					
3339331	Cobalt.....	Short ton					
3339341	Molybdenum.....	Short ton					
3339351	Nickel.....	Short ton					
3339361	Tin.....	Short ton					
3339371	Titanium.....	Short ton					
3339379	Other primary unalloyed metals (except copper, lead, zinc, aluminum, magnesium and precious metals) (Specify kind and unit of measure)						
	.....						
	.....						
	Smelter products						
3339389	Other unrefined nonferrous metals (except copper and lead including metal bearing furnace residues and other metal products which have to be further refined before sale to consumer) (Specify kind)						
	.....	Short ton					
	.....	Short ton					
33411--	ALUMINUM ALLOYS (PIG, INGOT, SHOT, ETC.) (SEE ALSO INDUSTRY 3352) <sup>2</sup>						
3341111	Aluminum-base alloys.....	Short ton					
33412--	COPPER ALLOYS (PIG, INGOT, SHOT, ETC.) (SEE ALSO INDUSTRY 3351) <sup>2</sup>						
3341211	Copper-base alloys.....	Short ton					
33413--	LEAD ALLOYS (PIG, INGOT, SHOT, ETC.) (SEE ALSO INDUSTRY 3359) <sup>2</sup>						
3341311	Antimonial lead.....	Short ton					
	Babbitt metal						
	Lead-base.....	Short ton					
3341335	Tin-base.....	Short ton					
3341351	Solder.....	Short ton					
3341371	Type metal.....	Short ton					
3341398	Other lead- and tin-base alloys.....	Short ton					
33414--	ZINC ALLOYS (PIG, INGOT, SHOT, ETC.) (SEE ALSO INDUSTRY 3359) <sup>2</sup>						
3341411	Zinc-base alloys.....	Short ton					
33415--	OTHER ALLOYS (PIG, INGOT, SHOT, ETC.) (SEE ALSO INDUSTRY 3359) <sup>2</sup>						
3341511	Columbium-tantalum alloys.....	Short ton					
3341521	Silver and silver-base alloys.....	Troy oz.					
3341531	Gold and gold-base alloys.....	Troy oz.					
3341541	Magnesium-base alloys.....	Short ton					
	Nickel-base alloys						
3341551	Monel.....	Short ton					
3341555	Other nickel-base alloys.....	Short ton					
3341598	Other nonferrous metal alloys (except aluminum, copper, lead and zinc) (Specify kind)						
	.....	Short ton					
	.....	Short ton					

<sup>1</sup>Classify in industry 3341, if plant produces metal primarily from scrap.

<sup>2</sup>Classify in industry 3341, if plant produces metal alloys primarily from scrap.



MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES--Continued

(A)	(B)	(C)	Total ship- ments and interplant transfers		Interplant transfers only		Shpmt of prod mfd by you from mat'ls owned by others (qty gross wgt) (H)	Repts (qty) (I)	Prod and cons in this plant in the mfr of--	
			Qty (D)	Value (E)	Qty (F)	Value (G)			Insu- lated wire and cable (qty) (K)	Other fabr. prod. (qty) (L)
<b>INDUSTRY 3351 - COPPER ROLLING AND DRAWING - MC-33F</b>										
33412--	COPPER ALLOYS (PIG, INGOT, SHOT, ETC.) (SEE ALSO INDUSTRY 3341) <sup>1</sup>									
3341211	Copper-base alloys.....	Short ton								
33510--	ROLLED, DRAWN AND EXTRUDED COPPER AND COPPER-BASE ALLOY MILL PRODUCTS									
	Copper, unalloyed									
3351011	Rod and bar.....	Short ton								
3351013	Plate, sheet, and strip.....	Short ton								
3351015	Pipe and tube.....	Short ton								
	Copper-base alloys									
3351031	Rod and bar.....	Short ton								
3351033	Shapes, drawn and extruded.....	Short ton								
3351035	Plate, sheet, and strip.....	Short ton								
3351037	Pipe and tube.....	Short ton								
33923--	COPPER WIRE AND CABLE (SEE ALSO INDUSTRY 3392) <sup>2</sup>									
	Copper wire, bare and tinned									
3392311	For electrical transmission.....	Short ton								
3392315	Other copper wire.....	Short ton								
	Copper-base alloy wire									
3392351	For electrical transmission.....	Short ton								
3392359	Other copper-base alloy wire.....	Short ton								
3392371	Copper strand and cable, except insulated...	Short ton								
<sup>1</sup> Classify in Industry 3351, if plant produces copper-base alloys primarily from primary copper and not from scrap. <sup>2</sup> Classify in Industry 3351, if plant produces wire and cable primarily from purchased copper and copper-base alloy rods.										
<b>INDUSTRY 3352 - ALUMINUM ROLLING AND DRAWING - MC-33F</b>										
33411--	ALUMINUM ALLOYS (PIG, INGOT, SHOT, ETC.) (SEE ALSO INDUSTRY 3341) <sup>1</sup>									
3341111	Aluminum-base alloys.....	Short ton								
33521--	ALUMINUM PLATE AND SHEET									
3352111	Plate (.250" or over).....	Short ton								
3352121	Light gauge sheet (.006"-.015").....	Short ton								
3352131	Roofing coil.....	Short ton								
3352151	Foil stock.....	Short ton								
3352198	Other sheet (.016"-.249").....	Short ton								
33522--	ALL OTHER ROLLED, DRAWN, AND EXTRUDED ALUMINUM MILL PRODUCTS									
3352211	Rod and bar, rolled and cold finished.....	Short ton								
3352231	Rolled structural shapes.....	Short ton								
	Tube									
3352251	Extruded.....	Short ton								
3352253	Drawn.....	Short ton								
3352255	Welded.....	Short ton								
3352271	Extruded rod and bar and other extruded shapes.....	Short ton								
33922--	ALUMINUM AND ALUMINUM-BASE ALLOY WIRE (SEE ALSO INDUSTRY 3392) <sup>2</sup>									
3392211	Bare wire, conductor.....	Short ton								
3392251	Bare wire, other than conductor.....	Short ton								

<sup>1</sup>Classify in Industry 3352, if plant produces aluminum-base alloys primarily from primary aluminum and not from scrap.

<sup>2</sup>Classify in Industry 3352, if plant produces wire primarily from purchased aluminum and aluminum base alloy rods.

MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES--Continued

(A)	(B)	(C)	Total ship- ments and interplant transfers		Interplant transfers only		Shpmt of prod mfd by you from mat'ls owned by others (qty gross wgt) (H)	Repts (qty) (I)	Prod and cons in this plant in the mfr of--	
			Qty	Value	Qty	Value			Insu- lated wire and cable (qty) (K)	Other fabr. prod. (qty) (L)
INDUSTRY 3359 - NONFERROUS METAL ROLLING, N.E.C. - MC-33F										
33413--	LEAD ALLOYS (PIG, INGOT, SHOT, ETC.) (SEE ALSO INDUSTRY 3341) <sup>1</sup>									
3341311	Antimonial lead.....	Short ton								
	Babbitt metal									
3341331	Lead-base.....	Short ton								
3341335	Tin-base.....	Short ton								
3341351	Solder.....	Short ton								
3341371	Type metal.....	Short ton								
3341398	Other lead- and tin-base alloys.....	Short ton								
33414--	ZINC ALLOYS (PIG, INGOT, SHOT, ETC.) (SEE ALSO INDUSTRY 3341) <sup>1</sup>									
3341411	Zinc-base alloys.....	Short ton								
33415--	OTHER ALLOYS (PIG, INGOT, SHOT, ETC.) (SEE ALSO INDUSTRY 3341) <sup>1</sup>									
3341511	Columbium-tantalum alloys.....	Short ton								
3341521	Silver and silver-base alloys.....	Troy oz								
3341531	Gold and gold-base alloys.....	Troy oz								
3341541	Magnesium-base alloys.....	Short ton								
	Nickel-base alloys									
3341551	Monel.....	Short ton								
3341555	Other nickel-base alloys.....	Short ton								
3341598	Other nonferrous metal alloys (except aluminum, copper, lead and zinc) (Specify kind)									
	.....	Short ton								
	.....	Short ton								
33591--	ROLLED, DRAWN, AND EXTRUDED MAGNESIUM MILL PRODUCTS									
3359111	Plate, sheet, and strip.....	Short ton								
3359151	Extrusions (including forging stock).....	Short ton								
33592--	ALL OTHER ROLLED, DRAWN, AND EXTRUDED NON-FERROUS METAL MILL PRODUCTS									
	Lead- and lead-base alloys									
3359211	Plate, sheet, and strip.....	Short ton								
3359215	Pipe and tubing, traps, and bends.....	Short ton								
3359219	Other rolled, drawn, or extruded products.	Short ton								
	Nickel and nickel-base alloys (including monel)									
3359231	Plate, sheet, and strip (excluding monel).	Short ton								
3359233	Pipe and tubing (excluding monel).....	Short ton								
3359235	Monel, all shapes and forms.....	Short ton								
3359239	Other, excluding monel (including rods and bars).....	Short ton								
	Zinc and zinc-base alloys									
3359251	Plate, sheet, and strip.....	Short ton								
3359255	Other (including rods, bars, pipe, and tubing).....	Short ton								
3359298	Other nonferrous metals (Specify kind of metal)									
	.....	Short ton								
	.....	Short ton								

<sup>1</sup>Classify in Industry 3359, if plant produces metal alloys primarily from primary metals and not from scrap.







MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 3392 - WIRE DRAWING - MC-33H--Continued</b>			
34810-- NAILS, SPIKES, BRADS, AND TACKS (INCLUDING STEEL CUT) (SEE ALSO INDUSTRIES 3312 AND 3481) <sup>1</sup>			
Steel wire nails, spikes, and brads			
3481011    Bright.....	Short ton		
3481013    Galvanized.....	Short ton		
3481017    Cement-coated.....	Short ton		
3481019    Other (Specify kind)			
.....	Short ton		
.....	Short ton		
3481021    Steel wire staples and tacks.....	Short ton		
3481031    Steel cut nails, spikes, and brads (including horseshoe nails).....	Short ton		
3481033    Steel cut tacks (including thumb tacks).....	Short ton		
3481051    Nonferrous nails, brads, tacks, and staples.....	Short ton		
<b>34891-- WIRE SPRINGS (SEE ALSO INDUSTRY 3489)<sup>1</sup></b>			
Wire springs (including only springs made of flat, round, or shaped wire)			
Upholstery and furniture springs, unassembled			
3489111    Seat and back springs for motor vehicles.....	Short ton		
3489113    Springs for mattresses and bedsprings.....	Short ton		
3489115    Spring units for box springs, innerspring mattresses, and upholstered furniture.....	Short ton		
3489119    Other upholstery and furniture springs, unassembled.....	Short ton		
3489151    Precision mechanical springs.....	Short ton		
3489198    Other wire springs.....	Short ton		
<b>34892-- NONINSULATED WIRE ROPE, AND CABLE AND STRAND, EXCEPT COPPER (SEE ALSO INDUSTRY 3489)<sup>1</sup></b>			
3489211    Iron and steel wire rope and cable.....	Short ton		
3489215    Noninsulated battery cable (exclude cable sets).....	Dollars		
3489221    Composite strand, rope, and cable (including wire strands of different metals) (except ACSR).....	Short ton		
3489231    Iron and steel wire strand (including guard rail cable).....	Short ton		
3489261    Aluminum cable--steel reinforced (ACSR) and other aluminum cable.....	Short ton		
<b>34893-- FENCING AND FENCE GATES (SEE ALSO INDUSTRY 3489)<sup>1</sup></b>			
3489311    Chain link fencing (including posts, gates, and fittings).....	Short ton		
3489331    Fence gates, wire (excluding chain link).....	Short ton		
3489351    Field fence.....	Short ton		
3489371    Ornamental lawn fence.....	Short ton		
<b>34894-- WIRE CLOTH AND WOVEN WIRE PRODUCTS (SEE ALSO INDUSTRY 3489)<sup>1</sup></b>			
3489411    Woven wire netting (poultry, fur farm, stucco, etc.).....	Short ton		
Insect wire screening			
3489421    Steel.....	M sq. ft.		
3489423    Copper and copper-base alloy.....	M sq. ft.		
3489425    Aluminum.....	M sq. ft.		
3489429    Nonferrous metal, excluding copper, copper-base alloy, and aluminum.....	M sq. ft.		
3489431    Hardware cloth.....	Short ton		
3489451    Paper machine wire cloth (fourdrinier and cylinder).....	M sq. ft.		
Industrial wire cloth			
3489461    Steel.....	Short ton		
3489465    Nonferrous metal.....	Short ton		
3489498    Other wire cloth and woven wire products (including diamond cloth, spiral cloth, drying belts, etc.).....	Short ton		
<b>34895-- OTHER WIRE PRODUCTS (SEE ALSO INDUSTRY 3489)<sup>1</sup></b>			
3489511    Barbed and twisted wire.....	Short ton		
3489521    Wire bale ties.....	Short ton		
Welded steel wire fabric			
3489531    Concrete reinforcing mesh.....	Short ton		
3489539    Other welded steel wire fabric.....	Short ton		
Wire chain			
3489541    Tire.....	Short ton		
3489549    Other.....	Short ton		
3489551    Wire garment hangers.....	M pounds		
3489598    Other wire products, including cages, guards, florists' designs, kitchenware goods, paper clips, etc. (Specify kind)			
.....	Dollars		
.....	Dollars		
<b>36311-- COMMUNICATION WIRE AND CABLE (SEE ALSO INDUSTRY 3631)<sup>1</sup></b>			
Coaxial cable			
3631111    Lead sheathed.....	Dollars		
3631115    Flexible.....	Dollars		
3631121    Lead and hook-up wire.....	Dollars		
3631131    Drop and bridle wire.....	Dollars		
3631141    Distribution and jumper wire.....	Dollars		
3631151    Inside and duct telephone wire.....	Dollars		
3631161    Paper-insulated lead-covered (except coaxial).....	Dollars		
3631171    Switchboard cable.....	Dollars		
3631198    Other communication wire and cable (Specify kind)			
.....	Dollars		
.....	Dollars		

MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 3392 - WIRE DRAWING - MC-33H--Continued</b>			
36312-- OTHER INSULATED WIRE AND CABLE (SEE ALSO INDUSTRY 3631) <sup>1</sup>			
3631211 Signal wire and cable.....	Dollars		
Magnet wire			
Enameled, including synthetic resin enamels (include combinations of enamels with other coverings)			
3631221 Enameled only.....	Dollars		
3631223 Enameled and covered.....	Dollars		
Not enameled			
3631225 Glass covered.....	Dollars		
3631227 Other.....	Dollars		
Weatherproof and slow burning wire			
3631231 Braided (include slow burning).....	Dollars		
3631233 Rubber covered.....	Dollars		
3631235 Thermoplastic covered.....	Dollars		
3631237 Polychloroprene (neoprene) covered.....	Dollars		
Building wire and cable (having underwriters' labels), except varnished cambric insulated			
3631241 Fibrous covered and/or jacketed (include lead-covered).....	Dollars		
3631242 Metallic armored cable or conductor.....	Dollars		
3631243 Nonmetallic sheathed cable or conductor.....	Dollars		
Service cable (include self-supporting type but exclude service entrance cable)			
3631244 Rubber insulated.....	Dollars		
3631245 Thermoplastic insulated.....	Dollars		
3631246 Service entrance cable.....	Dollars		
3631247 Synthetic (no braid).....	Dollars		
3631249 Other building wire and cable (except varnished cambric insulated) (Specify kind)			
.....	Dollars		
Power wire and cable	Dollars		
Under 601 volts			
3631251 Portable power cables.....	Dollars		
3631252 Varnished cambric insulated (include varnished cambric building wire).....	Dollars		
3631253 Synthetic.....	Dollars		
3631254 Rubber insulated (except building wire).....	Dollars		
3631255 Asbestos and asbestos-varnished cambric.....	Dollars		
3631256 Other power wire and cable, under 601 volts (Specify kind).....			
.....	Dollars		
601 volts and higher			
3631261 Portable power cables.....	Dollars		
3631263 Varnished cambric insulated.....	Dollars		
3631265 Paper insulated.....	Dollars		
3631267 Rubber insulated.....	Dollars		
3631269 Other power wire and cable, 601 volts and higher (Specify kind)			
.....	Dollars		
Automotive and aircraft type wire and cable			
3631271 Secondary ignition wire and cable (except harness sets).....	Dollars		
3631273 Aircraft wire, other than ignition.....	Dollars		
3631275 Insulated battery, starter, and other primary wire and cable (except cable sets)...	Dollars		
3631279 Other automotive and aircraft type wire and cable (except cable sets and non-insulated battery cable).....	Dollars		
3631289 Marine wire and cable (U.S. Navy and Merchant Marine).....	Dollars		
3631298 Other insulated wire and cable (Specify kind)			
.....	Dollars		
.....	Dollars		
3631X11 TOTAL COPPER CONTENT OF ALL INSULATED WIRE AND CABLE.....	Pound		
3631X31 TOTAL ALUMINUM CONTENT OF ALL INSULATED WIRE AND CABLE.....	Pound		
36993-- APPLIANCE WIRE AND CORD AND FLEXIBLE CORD SETS (SEE ALSO INDUSTRIES 3631 AND 3699) <sup>1</sup>			
3699311 Flexible cord sets.....	Dollars		
Appliance wire and cord			
3699321 Fixture wire (including heat resistant).....	Dollars		
Flexible cord (including heater cord)			
3699322 Rubber insulated.....	Dollars		
3699325 Thermoplastic insulated.....	Dollars		
3699329 Other appliance wire and cord (Specify kind)			
.....	Dollars		
.....	Dollars		

<sup>1</sup>Classify in Industry 3392, if plant produces wire and/or wire products primarily from purchased metal rods or bars.



MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES--Continued

(A)	(B)	(C)	Total shipments and interplant transfers		Interplant transfers only		Rctps (qty)	Prod cons in this plant in the mfr of-- (qty)		For maint, repair, and operating supplies (qty)
			Quan.	Value	Quan.	Value		Steel basic shapes and forms (K)	Fabr prods (L)	
			(D)	(E)	(F)	(G)	(H)	(K)	(L)	(M)
<b>INDUSTRY 3393 - WELDED AND HEAVY-RIVETED PIPE - MC-33B</b>										
33930--	WELDED AND HEAVY-RIVETED PIPE (SEE ALSO INDUSTRY 3312) <sup>1</sup>									
	Carbon steel (including wrought iron) pipe and tubes									
3393011	Standard pipe.....	Short ton								
3393012	Line pipe.....	Short ton								
3393013	Oil country goods.....	Short ton								
3393014	Pressure tubing.....	Short ton								
3393015	Mechanical tubing.....	Short ton								
3393019	Miscellaneous.....	Short ton								
	Alloy steel (excluding stainless) pipe and tubes									
3393031	Standard pipe.....	Short ton								
3393032	Line pipe.....	Short ton								
3393033	Oil country goods.....	Short ton								
3393034	Pressure tubing.....	Short ton								
3393035	Mechanical tubing.....	Short ton								
3393039	Miscellaneous.....	Short ton								
	Stainless steel pipe and tubes									
3393051	Pressure tubing.....	Short ton								
3393055	Mechanical tubing.....	Short ton								
<sup>1</sup> Classify in industry 3393, if plant produces pipe primarily from purchased skelp.										
<b>INDUSTRY 3399 - PRIMARY METAL INDUSTRIES, N.E.C. - MC-33B AND MC-33J</b>										
33991--	COLD-ROLLED STEEL SHEET AND STRIP (SEE ALSO INDUSTRY 3312) <sup>1</sup>									
3399111	Carbon steel sheets.....	Short ton								
3399115	Carbon steel strip.....	Short ton								
3399131	Alloy steel (excluding stainless) sheets.....	Short ton								
3399135	Alloy steel (excluding stainless) strip.....	Short ton								
3399151	Stainless steel sheets.....	Short ton								
3399155	Stainless steel strip.....	Short ton								
33992--	COLD-FINISHED STEEL BARS AND BAR SHAPES (SEE ALSO INDUSTRY 3312) <sup>1</sup>									
3399211	Carbon steel bars.....	Short ton								
3399231	Alloy steel (excluding stainless) bars.....	Short ton								
3399251	Stainless steel bars.....	Short ton								
33994--	NONFERROUS FORGINGS									
3399411	Copper and copper-base alloy forgings.....	Short ton								
3399431	Aluminum and aluminum-base alloy forgings.....	Short ton								
3399451	Magnesium and magnesium-base alloy forgings.....	Short ton								
3399498	Other nonferrous metal forgings (Specify kind of metal)	Short ton								
	.....	Short ton								
	.....	Short ton								
33995--	METAL POWDERS AND PASTE									
3399511	Aluminum (aluminum content only).....	Short ton								
3399531	Copper (unalloyed).....	Short ton								
3399551	Copper-base alloys.....	Short ton								
3399598	Other metal powders (Specify kind of metal)	Short ton								
	.....	Short ton								

<sup>1</sup>Classify in industry 3399, if plant produces sheets, strip, bars and bar shapes primarily from purchased steel shapes.

MAJOR GROUP 34 - FABRICATED METAL PRODUCTS

(A)		(B)	(D)	(E)
<b>INDUSTRY 3411 - TIN CANS AND OTHER TINWARE - MC-34A</b>				
34111--	METAL CANS			
3411100	Metal cans (as defined in the Bureau of the Census monthly Form M75D, Metal Cans).....	Base boxes of steel		
34112--	FLUID MILK SHIPPING CONTAINERS			
3411211	Metal fluid milk shipping and delivery containers (except crates).....	Number		
34113--	OTHER TINWARE			
3411311	Other tinware end products, excluding cans and cooking and kitchen utensils (Specify kind).....	Dollars		
		Dollars		
<b>INDUSTRY 3421 - CUTLERY - MC34B</b>				
34211--	CUTLERY, SCISSORS, SHEARS, TRIMMERS, AND SNIPS			
3421111	Table cutlery.....	Dollars		
3421121	Kitchen cutlery.....	Dollars		
3421131	Butchers and meatpacking cutlery.....	Dollars		
3421141	Pocket knives.....	Thousand		
3421151	Scissors (excluding manicure), shears, and trimmers (including hedge, grass, pruning, tinner snips, etc.).....	Thousand		
3421161	Manicure scissors and implements.....	Dollars		
3421198	Other cutlery (Specify kind).....	Dollars		
		Dollars		
34212--	RAZORS, EXCEPT ELECTRIC, AND RAZOR BLADES			
3421211	Safety razors.....	Thousand		
3421251	Razor blades.....	Thousand		
<b>INDUSTRY 3422 - EDGE TOOLS - MC34B</b>				
34220--	EDGE TOOLS			
3422011	Agricultural edged hand tools (scythes, sickles, grass hooks, machetes, hay knives, and similar tools).....	Dollars		
3422031	Axes, adzes, and hatchets.....	Dollars		
3422051	Cutting dies, for use in cutting cloth, paper, leather, etc. (excluding dies for cutting metal).....	Dollars		
3422061	Can openers.....	Number		
3422071	Auger bits.....	Number		
3422081	Planes.....	Number		
3422083	Chisels.....	Number		
3422098	Other edge tools (Specify kind).....	Dollars		
		Dollars		
<b>INDUSTRY 3423 - HAND TOOLS, N.E.C. - MC34B</b>				
34231--	MECHANICS' HAND SERVICE TOOLS			
3423111	Pliers.....	Thousand		
3423121	Ball peen hammers.....	Thousand		
3423131	Wrenches.....	Thousand		
3423141	Screw drivers.....	Thousand		
3423198	Other mechanics' hand service tools (Specify kind).....	Dollars		
		Dollars		
34232--	OTHER HAND TOOLS			
3423211	Shovels, spades, scoops, telegraph spoons, and scrapers.....	Dollars		
3423221	Light forged hammers (excluding ball peen hammers).....	Dollars		
3423231	Heavy forged tools (sledges, picks, pick mattocks, and mauls).....	Dollars		
3423241	Steel goods (forks, hoes, rakes, weeders, etc.).....	Dollars		
3423298	Other hand tools, except edge tools (Specify kind).....	Dollars		
		Dollars		
<b>INDUSTRY 3424 - FILES - MC-34B</b>				
34240--	FILES, RASPS AND FILE ACCESSORIES			
3424011	Metalworking files and rasps (including precision files).....	Thousand		
3424031	Woodworking files and rasps.....	Thousand		
3424051	File cleaners and file accessories (except handles).....	Dollars		



MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 3425 - HAND SAWS AND SAW BLADES - MC-34B</b>			
34250----	<b>HAND SAWS, SAW BLADES AND SAW ACCESSORIES</b>		
	Power saw blades		
	Woodworking		
	Circular		
3425011	Number		
3425013	Number		
	Band		
3425015	Foot		
3425017	Foot		
3425019	Foot		
	Metalworking		
3425031	Number		
3425035	Number		
	Band		
3425037	Foot		
3425038	Foot		
	Hand operated saws		
3425041	Number		
3425043	Thousand		
3425045	Number		
3425049	Number		
<b>INDUSTRY 3429 - HARDWARE, N.E.C. - MC-34C</b>			
<b>TRANSPORTATION EQUIPMENT HARDWARE</b>			
34291--			
3429111	Dollars		
3429131	Dollars		
3429151	Dollars		
3429155	Dollars		
3429171	Dollars		
3429198	Dollars		
	Dollars		
<b>FURNITURE HARDWARE</b>			
34292--			
3429211	Dollars		
3429251	Dollars		
<b>VACUUM BOTTLES AND JUGS (EXCLUDING REPLACEMENTS PARTS)</b>			
34293--			
3429311	Dollars		
<b>BUILDERS' HARDWARE</b>			
34294--			
3429411	Dollars		
3429421	Dollars		
3429431	Dollars		
3429441	Dollars		
3429451	Dollars		
3429461	Dollars		
3429471	Dollars		
3429498	Dollars		
	Dollars		
<b>OTHER HARDWARE</b>			
34295--			
3429512	Dollars		
3429522	Dollars		
3429532	Dollars		
3429542	Dollars		
3429552	Dollars		
3429562	Dollars		
3429565	Dollars		
3429598	Dollars		
	Dollars		
	Dollars		



MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)	(B)	(D)	(E)
INDUSTRY 3431 - METAL PLUMBING FIXTURES - MC-35V			
34311-- METAL PLUMBING FIXTURES			
3431100 Enameled iron and metal plumbing fixtures (As provided for on 1954 Census Quarterly Form M51H).....	Dollars		
3431198 Other enameled iron and metal plumbing fixtures (Specify kind) .....	No. of units		
.....	No. of units		
34312-- PLUMBING FIXTURE FITTINGS AND TRIM (BRASS GOODS)			
Bath and shower fittings			
3431211 Tub fillers.....	No. of pieces		
3431213 Tub and shower fittings.....	No. of pieces		
3431215 Shower fittings.....	No. of pieces		
3431217 Bathtub faucets--for leg tubs.....	No. of pieces		
3431218 Bath drains and overflows.....	No. of pieces		
Lavatory fittings			
3431221 Combination 4" center-set fittings (with or without pop-up drains).....	No. of pieces		
3431223 Other combination center-set fittings (with or without pop-up drains).....	No. of pieces		
3431225 Pop-up drains, sold separately.....	No. of pieces		
3431227 Single lavatory faucets--compression.....	No. of pieces		
Sink fittings			
3431231 Deck-type sink faucets.....	No. of pieces		
3431233 Other combination sink faucets.....	No. of pieces		
3431235 Single sink faucets.....	No. of pieces		
Miscellaneous items			
3431241 Compression stops.....	No. of pieces		
3431242 Compression stops and drains.....	No. of pieces		
3431243 Sediment faucets.....	No. of pieces		
3431244 Double laundry-tray faucets.....	No. of pieces		
3431245 P traps.....	No. of pieces		
3431246 S traps.....	No. of pieces		
3431271 Septic tanks, metal.....	No. of units		
3431298 Other metal bath and shower fittings, lavatory fittings, sink fittings and miscellaneous items including lavatory legs, strainers, etc. (Specify kind) .....	No. of pieces		
.....	No. of pieces		

## MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3432 - OIL BURNERS, DOMESTIC AND INDUSTRIAL - MC-34E				
34320--	OIL BURNERS, RESIDENTIAL AND INDUSTRIAL (EXCEPT RANGE-TYPE BURNERS)			
	Residential (sold separately)			
3432011	Low pressure atomizing.....	No. of units		
3432013	High pressure atomizing.....	No. of units		
3432015	Pot natural draft vaporizing.....	No. of units		
3432017	Pot mechanical draft vaporizing.....	No. of units		
3432018	Rotary (including atomizing and vaporizing.....)	No. of units		
	Commercial and industrial (sold separately) (see codes 3432X61 and 3432X63 below)			
3432051	Low pressure atomizing.....	No. of units		
3432053	High pressure atomizing.....	No. of units		
3432055	Rotary atomizing.....	No. of units		
3432071	Range type oil burners.....	No. of units		
3432081	Parts and attachments for oil burners (sold separately).....	Dollars		
3432X--	QUANTITY OF BOILER UNITS			
	Boiler-burner units			
	Residential			
3432X11	Low pressure atomizing.....	No. of units		
3432X12	High pressure atomizing.....	No. of units		
3432X13	Pot natural draft vaporizing.....	No. of units		
3432X14	Pot mechanical draft vaporizing.....	No. of units		
3432X15	Rotary (including atomizing and vaporizing).....	No. of units		
	Commercial and industrial (see codes 3432X61 and 3432X63 below)			
3432X16	Low pressure atomizing.....	No. of units		
3432X17	High pressure atomizing.....	No. of units		
3432X18	Rotary atomizing.....	No. of units		
	Furnace burner units			
	Residential			
3432X21	Low pressure atomizing.....	No. of units		
3432X23	High pressure atomizing.....	No. of units		
3432X25	Pot natural draft vaporizing.....	No. of units		
3432X27	Pot mechanical draft vaporizing.....	No. of units		
3432X28	Rotary (including atomizing and vaporizing).....	No. of units		
3432X41	Oil burners (except range-type)			
	Residential (produced in this plant and incorporated into heating equipment shipped from this plant).....	No. of units		
3432X51	Commercial and industrial (produced in this plant and incorporated into heating equipment shipped from this plant).....	No. of units		
	Of the total commercial and industrial oil burners reported as shipped for codes 3432051, 3432053, 3432055, and 3432X16, 3432X17, 3432X18, how many were for use with:			
3432X61	Distillate oil.....	No. of units		
3432X63	Residual oil.....	No. of units		

MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)
<b>INDUSTRY 3439 - HEATING AND COOKING APPARATUS, N.E.C. - MC-34E</b>				
34391--	<b>WARM AIR FURNACES (INCLUDE VALUE OF ACCESSORY EQUIPMENT SHIPPED WITH THE FURNACE, SUCH AS BLOWERS, OIL BURNERS, ETC.)</b>			
	Cast iron			
	Forced air furnaces			
	Solid fuel (coal, coke, wood)			
3439111	150,000 BTU bonnet output and under.....	No. of units		
3439115	Over 150,000 BTU bonnet output.....	No. of units		
	Oil			
3439121	150,000 BTU bonnet output and under.....	No. of units		
3439125	Over 150,000 BTU bonnet output.....	No. of units		
	Gas			
3439131	150,000 BTU bonnet output and under.....	No. of units		
3439135	Over 150,000 BTU bonnet output.....	No. of units		
	Gravity air flow furnaces			
3439141	Solid fuel (coal, coke, wood).....	No. of units		
3439143	Oil.....	No. of units		
3439145	Gas.....	No. of units		
	Steel			
	Forced air furnaces			
	Solid fuel (coal, coke, wood)			
3439151	150,000 BTU bonnet output and under.....	No. of units		
3439155	Over 150,000 BTU bonnet output.....	No. of units		
	Oil			
3439161	150,000 BTU bonnet output and under.....	No. of units		
3439165	Over 150,000 BTU bonnet output.....	No. of units		
	Gas			
3439171	150,000 BTU bonnet output and under.....	No. of units		
3439175	Over 150,000 BTU bonnet output.....	No. of units		
	Gravity air flow furnaces			
3439181	Solid fuel (coal, coke, wood).....	No. of units		
3439185	Oil.....	No. of units		
3439187	Gas.....	No. of units		
34392--	<b>CAST IRON HEATING BOILERS, RADIATORS AND CONVECTORS:</b>			
	Cast iron boilers			
3439211	Oil.....	M pounds		
3439213	Gas.....	M pounds		
3439215	Solid fuel.....	M pounds		
3439230	Cast iron radiators.....	M sq. ft. of radiation		
3439250	Cast iron convectors.....	M sq. ft. of equivalent direct radiation		
34393--	<b>STEEL AND NONFERROUS CONVECTORS</b>			
	Nonferrous			
3439311	Residential.....	M sq. ft. of equivalent direct radiation		
3439315	Industrial and special types (with or without an enclosure).....	M sq. ft. of equivalent direct radiation		
	Steel			
3439351	Residential.....	M sq. ft. of equivalent direct radiation		
3439355	Industrial and special types (with or without an enclosure).....	M sq. ft. of equivalent direct radiation		
34394--	<b>WATER HEATERS, EXCEPT ELECTRIC</b>			
	Direct fired water heaters			
	Gas			
3439411	Underfired storage (see codes 3439X31, 33 and 35).....	No. of units		
3439412	Side arm.....	No. of units		
	Oil			
3439414	Underfired storage.....	No. of units		
3439415	Side arm.....	No. of units		
	Coal or wood tank heaters			
3439417	Cast iron.....	No. of units		
3439418	Steel.....	No. of units		
	Indirect water heaters			
	Storage cast or coil type (less tank)			
3439451	20 G.P.H. and less.....	No. of units		
3439453	21 G.P.H. and over.....	No. of units		
3439461	Tanks (with or without generator coils).....	No. of units		
3439471	Generator coils with tank collar (sold without tank).....	No. of units		
3439481	Instantaneous.....	No. of units		



## MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)	(B)	(D)	(E)
INDUSTRY 3439 - HEATING AND COOKING APPARATUS, N. E.C.--Continued			
34395-- DOMESTIC HEATING STOVES, COMPLETE (EXCEPT ELECTRIC)			
Gas (see codes 3439X41, 43 and 45)			
3439511 Vented circulators.....	No. of units		
3439513 Unvented circulators.....	No. of units		
3439515 Radiants.....	No. of units		
3439519 All other (including laundry stoves).....	No. of units		
3439531 Wood (sheet metal airtight type).....	No. of units		
Coal and wood (other than sheet metal airtight type)			
3439551 Circulators (standard and magazine types).....	No. of units		
3439553 Magazine radiants.....	No. of units		
3439555 Oaks and hot blasts.....	No. of units		
3439557 Laundry stoves (without cored fire pots).....	No. of units		
3439559 All other (including kitchen heaters, caboose, schoolroom, woodbox, etc.).....	No. of units		
Kerosene, gasoline, and fuel oil			
3439571 Flue-connected circulators and radiant circulators with vaporizing pot-type burner.	No. of units		
3439573 Flue-connected radiant heaters (without casing), and trailer heaters, equipped with vaporizing pot-type burner.....	No. of units		
3439575 Flue-connected heaters equipped with sleeve burner.....	No. of units		
3439577 Unvented portable kerosene heaters.....	No. of units		
34396-- DOMESTIC COOKING STOVES, RANGES, AND APPLIANCES, COMPLETE (EXCEPT ELECTRIC)			
Gas ranges			
3439611 Standard ranges (over 25 inch cooking top and oven) (See codes 3439X51, 53 and 55) ..	No. of units		
3439613 Apartment ranges (25 inch cooking top and under) (See codes 3439X51, 53 and 55)....	No. of units		
3439615 Hot plates.....	No. of units		
Bungalow ranges			
3439621 Gas and coal.....	No. of units		
3439629 All other.....	No. of units		
Coal and wood			
3439631 Ranges.....	No. of units		
3439635 Cook stoves.....	No. of units		
Combination ranges (including ranges equipped with conversion burners)			
3439641 Gas and oil (See codes 3439X61, 63 and 65).....	No. of units		
3439645 Gas and coal (See codes 3439X61, 63 and 65).....	No. of units		
3439649 All other (including ranges equipped with conversion burners).....	No. of units		
Kerosene, gasoline and fuel oil			
3439651 Kerosene ranges.....	No. of units		
3439653 Kerosene cook stoves.....	No. of units		
3439655 Needle valve stoves.....	No. of units		
3439659 All other (including gasoline pressure, camp stove, etc.).....	No. of units		
3439671 Portable ovens.....	No. of units		
34397-- COMMERCIAL COOKING AND FOOD-WARMING EQUIPMENT, EXCEPT ELECTRIC (EXCLUDE INDUSTRIAL- TYPE OVENS)			
3439711 Commercial cooking stoves, ranges, ovens, and broilers, except electric.....	No. of units		
3439715 Pressure cookers.....	No. of units		
3439719 Other commercial cooking equipment, except electric (including griddles, toasters, deep-fat fryers, coffee urns) (Specify kind)			
.....	No. of units		
.....	No. of units		
3439731 Commercial food-warming equipment, except electric (including steam tables).....	Dollars		

MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)	(B)	(D)	(E)	Square feet of heating surface (H)
<b>INDUSTRY 3439 - HEATING AND COOKING APPARATUS, N.E.C. - MC-34E--Continued</b>				
34398--	STEEL HEATING BOILERS (15 PSI AND UNDER OR EQUIVALENT), COMPLETE Steel heating boilers (15 psi steam working pressure and under, and all hot water boilers) (See codes 3439X81 through 89) Residential-type (177 square feet and less heating surface)			
3439811	No. of units			
3439813	No. of units			
3439819	No. of units			
3439831	No. of units			
3439839	No. of units			
34399--	OTHER HEATING EQUIPMENT EXCEPT ELECTRIC Gas burners (for furnaces, boilers, water heaters, etc.)			
3439911	No. of units			
3439915	No. of units			
3439916	No. of units			
3439917	No. of units			
3439918	Dollars			
3439921	No. of units			
3439923	No. of units			
3439925	No. of units			
3439927	No. of units			
3439930	No. of units			
3439940	Dollars			
3439951	No. of units			
3439953	No. of units			
3439955	No. of units			
3439960	No. of units			
3439961	No. of units			
3439981	No. of units			
3439983	Dollars			
3439985	Dollars			
3439986	Dollars			
3439989	Dollars			
3439998	No. of units			
3439X11	No. of units			
3439X15	No. of units			
3439X31	No. of units			
3439X33	No. of units			
3439X35	No. of units			
3439X41	No. of units			
3439X43	No. of units			
3439X45	No. of units			
3439X51	No. of units			
3439X53	No. of units			
3439X55	No. of units			

<sup>1</sup>This item requires information in column (C), "Production for all purposes (quantity)."



MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

	(A)	(B)	(D)	(E)
INDUSTRY 3439 - HEATING AND COOKING APPARATUS, N.E.C. - MC-34E--Continued				
	Of the total number of combination ranges reported for codes 3439641 and 3439645, report the number for use with:			
3439X61	Natural and manufactured gas.....	No. of units		
3439X63	Liquefied petroleum gas.....	No. of units		
3439X65	Any type gas (equipped with interchangeable or universal valves).....	No. of units		
Steel heating boilers (15 psi steam working pressure and under, and all hot water boilers)				
Residential-type (177 square feet and less heating surface)				
3439X81	Oil-burning.....	Sq. ft. of heating surface		
3439X83	Gas-burning.....	Sq. ft. of heating surface		
3439X85	Other (including stokers and hand fired).....	Sq. ft. of heating surface		
Non-residential type (over 177 square feet of heating surface)				
3439X87	Horizontal firebox.....	Sq. ft. of heating surface		
3439X89	Other (including Scotch type).....	Sq. ft. of heating surface		
INDUSTRY 3441 - STRUCTURAL AND ORNAMENTAL PRODUCTS - MC-34F				
34411-- FABRICATED STRUCTURAL IRON AND STEEL (excluding concrete reinforcing bars)				
For sale to other companies				
For bridges				
3441111	Highway.....	Short ton		
3441115	Railway.....	Short ton		
For buildings				
3441121	Industrial.....	Short ton		
3441125	Commercial, residential, and institutional.....	Short ton		
3441127	Public utilities.....	Short ton		
3441131	For ships, boats, and barges.....	Short ton		
3441141	For transmission towers, substations, and other galvanized structures.....	Short ton		
3441149	For other structures.....	Short ton		
For installation by your company on the site of construction or shipbuilding				
For bridges				
3441151	Highway.....	Short ton		
3441155	Railway.....	Short ton		
For buildings				
3441161	Industrial.....	Short ton		
3441165	Commercial, residential, and institutional.....	Short ton		
3441167	Public utilities.....	Short ton		
3441171	For ships, boats, and barges.....	Short ton		
3441181	For transmission towers, substations, and other galvanized structures.....	Short ton		
3441189	For other structures.....	Short ton		
34412-- ORNAMENTAL AND STRUCTURAL METAL WORK				
Iron and steel				
3441211	Grille work.....	Short ton		
3441213	Fences and gates, other than wire.....	Short ton		
3441215	Stairs, staircases, fire escapes, and railings.....	Short ton		
3441217	Open steel flooring (grating-welded, riveted, and pressure locked).....	Short ton		
3441219	Other (Specify kind).....	Short ton		
3441231	Nonferrous metal.....	Short ton		
34413-- PREFABRICATED AND PORTABLE METAL BUILDINGS AND PARTS				
Prefabricated and portable metal buildings, complete units (in sections or panels)				
3441311	Dwellings.....	Number		
3441314	Garages.....	Number		
3441316	Farm buildings (livestock shelters, etc.).....	Number		
3441319	Other prefabricated and portable metal buildings (including utility buildings, etc.).....	Number		
3441351	Panels or sections for prefabricated buildings (not sold as a complete unit).....	Short ton		
34414-- MISCELLANEOUS METAL BUILDING MATERIALS (INCLUDES METAL PLASTER BASES AND FABRICATED BAR JOISTS AND CONCRETE REINFORCING BARS)				
Metal plaster bases				
3441411	Expanded metal lath.....	M sq. yds.		
3441432	Metal plaster base accessories (including corner beads, screeds, grounds, etc.).....	Dollars		
3441442	Fabricated bar joists.....	Short ton		
3441452	Fabricated concrete reinforcing bars.....	Short ton		



MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3442 - METAL DOORS, SASH, AND TRIM - MC-34F				
34421--	METAL DOORS AND FRAMES			
	Metal doors, excluding combination screen and storm			
	Iron and steel			
3442111	Industrial.....	Number		
3442113	Residential, commercial, and institutional.....	Number		
3442119	Other (including garage doors, hanger doors, etc.).....	Number		
3442121	Nonferrous metal.....	Number		
3442131	Metal door frames.....	Number		
34422--	METAL WINDOW SASH AND FRAMES			
	Window sash and frames, excluding combination screen and storm sash			
3442211	Iron and steel.....	Number		
3442251	Nonferrous metal.....	Number		
34423--	METAL MOLDING AND TRIM; AND STORE FRONTS			
3442311	Metal molding and trim.....	Dollars		
3442351	Metal store fronts, sold complete at factory.....	Dollars		
34424--	METAL STORM SASH AND COMBINATION SCREEN AND STORM SASH AND DOORS			
3442411	Metal storm sash.....	Number		
3442431	Metal combination screen and storm sash.....	Number		
3442451	Metal combination screen and storm doors.....	Number		
INDUSTRY 3443 - BOILER SHOP PRODUCTS - MC-34F				
34431--	METAL TANKS			
	Tanks complete at factory (standard line, pressure and non-pressure)			
	Non-pressure tanks			
	Bulk storage (including above ground, underground and inside storage tanks)			
	Carbon steel			
3443111	6,000 gallon or less capacity.....	Number		
3443113	Over 6,000 gallon capacity.....	Number		
3443115	Alloy and stainless steel, nickel, aluminum, etc.....	Number		
3443121	Basement oil storage tanks.....	Number		
3443125	Oilfield, bolted.....	Number		
3443127	Farm storage tanks, with or without supports.....	Number		
3443129	Other non-pressure tanks.....	Number		
	Pressure tanks			
3443131	Anhydrous ammonia (under 3,000 gallon capacity).....	Number		
3443133	Liquefied petroleum gas tanks (under 3,000 gallon capacity).....	Number		
3443135	Air receivers.....	Number		
3443139	Other pressure tanks.....	Number		
	Truck tanks (for delivery of fluids; excluding trailers tanks and fuel supply tanks for motor vehicles (gas tanks))			
3443141	For butane and propane.....	Number		
3443143	For liquid fuels, except butane and propane.....	Number		
3443145	For other fluids.....	Number		
	Tanks and vessels, custom fabricated at the factory			
	Pressure vessels and tanks (1/4" and over and over 24" outside diameter and not less than 5 cu. ft. capacity) including process vessels tanks and kettles for refineries, chemical plants, paper mills and other processing industries			
3443151	Carbon steel.....	Short ton		
3443153	Alloy and stainless steel, nickel, aluminum, etc.....	Short ton		
3443155	Liquefied petroleum gas tanks over 3,000 gallon capacity.....	Short ton		
3443157	Anhydrous ammonia tanks, over 3,000 gallon capacity.....	Short ton		
	Tanks and vessels, custom fabricated and field erected			
	Bulk storage tanks			
3443171	Water, including elevated.....	Short ton		
3443172	Petroleum and petroleum products.....	Short ton		
3443173	Other.....	Short ton		
3443175	Gas holders.....	Short ton		
	Pressure vessels and tanks (see also codes 3443151 and 3443153 above), including process vessels tanks and kettles for refineries, chemical plants, paper mills and other processing industries			
3443177	Carbon.....	Short ton		
3443179	Alloy and stainless steel, nickel, aluminum, etc.....	Short ton		
34432--	FABRICATED STEEL PLATE			
	Fabricated steel plate (factory assembled or formed and prepared for field erection)			
3443211	For large diameter pipe (over 36" diameter for pipe lines, penstocks, tunnel linings, etc.).....	Short ton		
3443298	Fabricated steel plate for other purposes (Specify kind)			
	.....	Short ton		
	.....	Short ton		

MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)	(B)	(D)	(E)
INDUSTRY 3443 - BOILER SHOP PRODUCTS - MC-34F--Continued			
34433-- POWER BOILERS, PARTS, AND ATTACHMENTS (OVER 15 PSI STEAM WORKING PRESSURE)			
3443311 <sup>1</sup> Steel power boilers (100 square feet of heating surface and over, on Form MC-34E; over 15 p.s.i. steam working pressure, on MC-34F) <sup>2</sup> .....	No. of units		
3443331 <sup>1</sup> Steel power boilers (under 100 square feet of heating surface).....	No. of units		
3443351 Parts and attachments for steel power boilers (sold separately).....	No. of units		
34434-- GAS CYLINDERS, SMOKE STACKS, AND OTHER STEEL PLATE BOILER SHOP PRODUCTS			
Gas cylinders			
3443411 For liquefied petroleum gas.....	Number		
3443419 Other gas cylinders.....	Number		
3443431 Stacks (smoke or other).....	Short ton		
3443451 Weldments.....	Short ton		
3443498 Other steel plate products (Specify kind).....	Short ton		
	Short ton		
3443X11 STEEL POWER BOILERS (100 SQUARE FEET OF HEATING SURFACE AND OVER) <sup>2</sup> .....	Sq. ft. of heating surface		
3443X31 STEEL POWER BOILERS (UNDER 100 SQUARE FEET OF SURFACE).....	Sq. ft. of heating surface		
<sup>1</sup> Water tube boilers and fire tube boilers on Form MC-34F are coded 3443311 and 3443331. These items should read water and fire tube boilers and be included in Code 3443311. Code 3443331 is assigned only to steel power boilers, under 100 sq. ft. of surface. <sup>2</sup> Sq. ft. of heating surface is collected in column (H) on Form MC-34F.			
INDUSTRY 3444 - SHEET-METAL WORK - MC-34G			
34440-- SHEET-METAL PRODUCTS, INCLUDING COST OF INSTALLATION EXCEPT WHERE INSTALLATION IS DONE BY A SEPARATE LABOR FORCE			
Roofing			
3444011 Steel, all types.....	Short tons		
3444013 Aluminum, all types.....	Short tons		
3444015 Other metals, all types.....	Short tons		
Metal siding			
3444016 Steel.....	Short tons		
3444017 Aluminum.....	Short tons		
3444019 Other metals.....	Short tons		
Roof drainage equipment (including eave troughs, etc.)			
3444023 Steel.....	Short tons		
3444027 Copper.....	Short tons		
3444029 Aluminum.....	Short tons		
3444031 Cornices and skylights.....	Dollars		
3444035 Roof ventilators.....	Dollars		
3444041 Furnace smoke pipe, elbows, ducts, and fittings.....	Dollars		
3444045 Stove pipe and elbows.....	Dollars		
3444051 Culverts, flumes, irrigation pipe, and similar products.....	Dollars		
3444061 Bins and vats.....	Dollars		
3444065 Restaurant, hotel, and kitchen sheet metal equipment such as table tops, drain-board tops, etc.....	Dollars		
3444071 Metal awnings and canopies.....	Dollars		
3444081 Air-conditioning ducts, including dust collector ducts (include ventilating).....	Dollars		
3444098 Other sheet-metal work (Specify kind).....	Dollars		
	Dollars		

MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

		(B)	(C)	(D)	(E)
<b>INDUSTRY 3461 - VITREOUS-ENAMELED PRODUCTS - MC-34G</b>					
34611--	<b>VITREOUS-ENAMELED COOKING AND KITCHEN UTENSILS</b>				
3461111	Cooking and kitchen utensils (including household, commercial, and hospital)...	Dollars			
34612 -	<b>OTHER VITREOUS ENAMELED PRODUCTS</b>				
3461211	Table tops (kitchen cabinets, dinette and breakfast sets).....	Dollars			
3461221	Stove parts (sold separately).....	Dollars			
3461231	Refrigerator parts (household and commercial), sold separately.....	Dollars			
3461241	Architectural vitreous (porcelain) parts (exterior and interior) including store fronts.....	Dollars			
3461261	Hospital utensils, excluding cooking and kitchen.....	Dollars			
3461271	Washing machine parts (sold separately).....	Dollars			
3461298	Other vitreous (porcelain) enameled products (Specify kind) .....	Dollars			
	.....	Dollars			
<b>INDUSTRY 3462 - AUTOMOBILE STAMPINGS (COMBINED WITH CENSUS INDUSTRY 3463) - MC-34G</b>					
<b>INDUSTRY 3463 - METAL STAMPINGS (INCLUDES FORMER INDUSTRY 3462) - MC-34G</b>					
34631--	<b>JOB-STAMPINGS, EXCEPT AUTOMOTIVE</b>				
3463111	Aviation stampings.....	Dollars			
3463115	Agricultural equipment stampings (including tractor).....	Dollars			
3463121	Electrical appliance stampings (except refrigeration and washing machine)....	Dollars			
3463131	Furniture stampings.....	Dollars			
3463141	Office machine stampings.....	Dollars			
3463151	Radio and television stampings.....	Dollars			
3463161	Refrigerator stampings.....	Dollars			
3463171	Stove, heater, and air-conditioner stampings.....	Dollars			
3463181	Washing machine stampings.....	Dollars			
3463198	Other job stampings (Specify end use) .....	Dollars			
	.....	Dollars			
34632--	<b>STAMPED AND SPUN HOSPITAL UTENSILS, AND COOKING AND KITCHEN HOUSEHOLD UTENSILS</b>				
	Stamped and spun household and hospital utensils (excluding porcelain enameled)				
	Cooking and kitchen utensils (household, hospital, and commercial)				
3463211	Aluminum (including domestic pressure cookers).....	Dollars			
3463213	Stainless steel.....	Dollars			
3463215	Tinware.....	Dollars			
3463219	Other metal (Specify kind) .....	Dollars			
	.....	Dollars			
3463251	Hospital utensils, excluding cooking and kitchen.....	Dollars			
34633--	<b>PAISLS, ASH CANS, AND GARBAGE CANS (EXCLUDING SHIPPING CONTAINERS)</b>				
3463311	Galvanized steel.....	Dollars			
3463351	Other steel.....	Dollars			
3463398	Other metal.....	Dollars			
34634--	<b>METAL HOME CANNING CLOSURES (EXCEPT GLASS LIDS, SEALING RINGS, AND CROWNS)</b>				
	Tin mill products				
3463411	Metal screw bands.....	Gross			
3463431	Metal lids (flowed-on-rubber).....	Gross			
3463451	Zinc products (porcelain-lined one-piece screw caps and screw bands).....	Gross			
3463498	Other metal home canning closures (Specify kind) .....	Gross			
	.....	Gross			



MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

		(B)	(C)	(D)	(E)
INDUSTRY 3463 - METAL STAMPINGS - MC-34G--Continued					
34635--	METAL COMMERCIAL CLOSURES INCLUDING MILK BOTTLE, EXCEPT CROWNS Commercial closures, except milk bottle				
	Aluminum				
3463511	Screw thread and lug types.....	Thousand			
3463515	Vacuum and friction types.....	Thousand			
3463519	Other types (Specify kind) .....	Thousand			
	.....	Thousand			
	Tin products				
3463531	Screw thread and lug types.....	Thousand			
3463535	Vacuum and friction types.....	Thousand			
3463539	Other types (Specify kind) .....	Thousand			
	.....	Thousand			
	Milk bottle closures				
3463552	Aluminum.....	Thousand			
3463555	Tin products.....	Thousand			
3463598	Other types,metal (Specify kind) .....	Thousand			
	.....	Thousand			
34636--	CROWNS				
3463611	Crowns including beverage and other (tin products).....	Thousand gross			
34637--	JOB STAMPINGS - AUTOMOTIVE				
	Fenders for passenger cars				
3463711	Front.....	No. of units			
3463715	Rear.....	No. of units			
3463798	All other automotive stampings.....	Dollars			
34638--	OTHER STAMPED OR PRESSED METAL END PRODUCTS, INCLUDING PERFORATED				
3463811	Perforated metal end products.....	Dollars			
3463898	Other stamped and pressed metal end products (Specify kind) .....	Dollars			
	.....	Dollars			
3463X--	PRODUCTION AND USE FOR PASSENGER CARS, TRUCKS, AND BUSES DURING 1954				
	Fenders, passenger car type <sup>1</sup>				
3463X11	Front.....	No. of units			
3463X15	Rear.....	No. of units			
<sup>1</sup> These items are on Forms MC-37A and MC-37B only. Form MC-37A includes column (H) which reads: "Used in assembly of new automotive vehicles in 1954, including purchased units (quantity)."					
INDUSTRY 3464 - POWDER METALLURGY - MC-D1 (Powder metallurgical products are assigned product class codes in other industries according to products made) Percentage of shipments made by this process is requested. Assign Industry code 3464 when percentage is over 50%.					
INDUSTRY 3465 - ENAMELING AND LACQUERING - MC-D-1					
34650--	ENAMELING, JAPANING, AND LACQUERING				
3465011	Enameling, japanning, and lacquering.....	Dollars			
INDUSTRY 3466 - GALVANIZING - MC-D-1					
34660--	GALVANIZING AND OTHER HOT DIP COATING				
3466011	Galvanizing and other hot dip coating.....	Dollars			
INDUSTRY 3467 - ENGRAVING ON METAL - MC-D-1					
34670--	ENGRAVING ON METAL				
3467011	Engraving on metal.....	Dollars			
INDUSTRY 3468 - PLATING AND POLISHING - MC-D-1					
34680--	ELECTROPLATING, PLATING AND POLISHING				
3468011	Electroplating, plating and polishing.....	Dollars			

MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)
<b>INDUSTRY 3471 - LIGHTING FIXTURES - MC-34J</b>				
34711--	COMPLETE INCANDESCENT LIGHTING FIXTURES, EXCEPT SPECIALTIES			
	Incandescent lighting fixtures (excluding portable lamps)			
	Residential type			
3471111	Interior ceiling or pendant (including bath or kitchen).....	Dollars		
3471113	Interior wall or bracket (including bath or kitchen).....	Dollars		
3471119	Other residential type fixtures (outdoor, porch, etc.).....	Dollars		
	Commercial and institutional type			
3471131	Utilitarian type and ornamental type (primarily for public building, bank store, office building, school, auditorium, church, and theatre, etc.) excluding interior display.....	Dollars		
3471135	Specialized commercial and institutional lighting fixtures such as interior display, etc. (Specify kind) .....	Dollars		
	.....	Dollars		
	Industrial type			
3471151	General lighting.....	Dollars		
3471153	Localized lighting.....	Dollars		
3471159	Other industrial type fixtures (including explosion-proof, vapor-proof, and dust-tight) (Specify kind) .....	Dollars		
	.....	Dollars		
34712--	INCANDESCENT PORTABLE LAMPS, COMPLETE			
	Residential type			
	Complete with shade			
3471211	Floor, bridge, and torch lamps.....	Dollars		
3471213	Table lamps.....	Dollars		
3471219	Other (including boudoir) (Specify kind) .....	Dollars		
	.....	Dollars		
	Lamps sold without shades			
3471231	Floor, bridge, and torch lamps.....	Dollars		
3471233	Table lamps.....	Dollars		
3471239	Other (including boudoir) (Specify kind) .....	Dollars		
	.....	Dollars		
3471298	Other portable lamps (including commercial, institutional, and industrial types)	Dollars		
34713--	INCANDESCENT VEHICULAR LIGHTING EQUIPMENT, COMPLETE			
	Motor vehicle lighting equipment			
	Headlights, sealed beam units			
3471311	Shipments to motor vehicle manufacturers (auto, truck, bus, trailer, etc.)	No. of units		
3471315	Shipments to all other customers.....	No. of units		
	Spot, fog, and auxiliary lighting equipment			
3471331	Shipments to motor vehicle manufacturers (auto, truck, bus, trailer, etc.)	Dollars		
3471335	Shipments to all other customers.....	Dollars		
	Other (parking, dome, taillights, etc.)			
3471351	Shipments to motor vehicle manufacturers (auto, truck, bus, trailer, etc.)	Dollars		
3471355	Shipments to all other customers.....	Dollars		
3471398	Other vehicular type lighting equipment such as aircraft, watercraft, railway locomotive and car, streetcar, etc. (Specify kind) .....	Dollars		
	.....	Dollars		
34714--	INCANDESCENT HAND PORTABLE LIGHTING EQUIPMENT, EXCLUDING PARTS			
3471411	Flashlights and flashlight lanterns (one to five cells).....	Dollars		
3471498	Other, such as miners' lights, emergency warning lights, generator flashlights, etc. (Specify kind) .....	Dollars		
	.....	Dollars		
34715--	INCANDESCENT STREET AND HIGHWAY LIGHTING EQUIPMENT, INCLUDING STANDARDS, BRACKETS, AND ACCESSORIES			
3471511	Luminaries, all types.....	Dollars		
3471551	Standards, newels, brackets, and accessories.....	Dollars		



MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)	(B)	(C)	(D)	(E)
INDUSTRY 3471 - LIGHTING FIXTURES - MC-34J--Continued				
34716-- ALL OTHER SPECIALIZED INCANDESCENT LIGHTING EQUIPMENT AND PARTS FOR ALL INCANDESCENT LIGHTING EQUIPMENT				
Floodlighting equipment				
3471611    Floodlights (general type).....	Dollars			
3471613    Searchlights.....	Dollars			
3471615    Spotlights (including such items as indoor and stage but excluding vehicular type).....	Dollars			
3471621    Marine channel, shiplane, and marker lights (including beacons).....	Dollars			
3471631    Aviation ground type lighting fixtures (airport, airway, seadrome, and flight deck).....	Dollars			
3471641    Railway and other vehicular route and operational area lighting equipment (Specify kind)				
	Dollars			
	Dollars			
3471651    Other electric lighting equipment, including electrical discharge such as mercury vapor, sodium vapor, etc. (excluding signs) (Specify kind)				
	Dollars			
	Dollars			
3471698    Other incandescent electric lighting equipment, including parts and accessories such as reflectors, etc., but excluding wiring devices sold separately (Specify kind)				
	Dollars			
	Dollars			
34717-- FLUORESCENT LIGHTING EQUIPMENT (FIXTURES AND PORTABLE LAMPS) AND PARTS				
Fluorescent lighting fixtures (excluding portable lamps)				
3471711    Residential type.....	Dollars			
Commercial or institutional type				
3471712    Pendant or surface.....	Dollars			
3471713    Recessed.....	Dollars			
Industrial type				
3471715    General lighting.....	Dollars			
3471717    Other industrial fixtures, including localized lighting, explosion-proof, vapor-proof, and dust-tight (Specify kind)				
	Dollars			
	Dollars			
3471719    Other fixtures, including vehicular type lighting equipment such as automobile, bus, aircraft, water-craft, railway locomotive and car, streetcar, etc.....	Dollars			
3471751    Portable lamps (desk, etc.).....	Dollars			
Room unit illumination equipment				
3471771    Louvered ceilings.....	Dollars			
3471775    Luminous ceilings.....	Dollars			
3471781    Parts and accessories for fluorescent lighting equipment, excluding tubes, ballasts, starting switches, and lampholders, but including reflectors, etc. (Specify kind)				
	Dollars			
	Dollars			
3471798    Other fluorescent lighting equipment, complete units (including processing and technical equipment) (Specify kind)				
	Dollars			
	Dollars			
34718-- NONELECTRIC LIGHTING EQUIPMENT, INCLUDING PARTS				
Kerosene and gasoline lighting equipment				
3471811    Lamps.....	Dollars			
3471815    Lanterns.....	Dollars			
3471851    Parts and accessories for nonelectric lighting equipment, including reflectors and fittings, incandescent mantles, etc. (Specify kind)				
	Dollars			
	Dollars			
3471898    Other nonelectric lighting fixtures and equipment, complete units (including carbide lamps of all types) (Specify kind)				
	Dollars			
	Dollars			
3471X-- PRODUCTION AND USE FOR PASSENGER CARS, TRUCKS AND BUSES DURING 1954				
3471X11    Headlights, sealed beam units <sup>1</sup> .....	No. of units			

This item is on Forms MC-37A and MC-37B only. Form MC-37A includes column (H) which reads: "Used in assembly of new automotive vehicles in 1954, including purchased units - (Quantity)"



MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)		(B)	(C)	(D)	(E)
<b>INDUSTRY 3481 - NAILS AND SPIKES - MC-34K</b>					
34810--	NAILS, SPIKES, BRADS, AND TACKS (INCLUDING STEEL CUT) (SEE ALSO INDUSTRIES 3312 AND 3392) <sup>1</sup>				
	Steel wire nails, spikes, and brads				
3481011	Bright.....	Short ton			
3481013	Galvanized.....	Short ton			
3481017	Cement-coated.....	Short ton			
3481019	Other (Specify kind)				
	.....	Short ton			
	.....	Short ton			
3481021	Steel wire staples and tacks.....	Short ton			
3481031	Steel cut nails, spikes, and brads (including horseshoe nails).....	Short ton			
3481033	Steel cut tacks (including thumb tacks).....	Short ton			
3481051	Nonferrous nails, brads, tacks, and staples.....	Short ton			
<sup>1</sup> Classify in Industry 3481, if plant produces nails and spikes primarily from purchased rod, wire and plate.					
<b>INDUSTRY 3489 - WIREWORK, N.E.C. - MC-34K</b>					
34891--	WIRE SPRINGS (SEE ALSO INDUSTRY 3392) <sup>1</sup>				
	Wire springs (including only springs made of flat, round, or shaped wire)				
	Upholstery and furniture springs, unassembled				
3489111	Seat and back springs for motor vehicles.....	Short ton			
3489113	Springs for mattresses and bedsprings.....	Short ton			
3489115	Spring units for box springs, innerspring mattresses, and upholstered furniture.....	Short ton			
3489119	Other upholstery and furniture springs, unassembled.....	Short ton			
3489151	Precision mechanical springs.....	Short ton			
3489198	Other wire springs.....	Short ton			
34892--	NONINSULATED WIRE ROPE, AND CABLE AND STRAND, EXCEPT COPPER (SEE ALSO INDUSTRY 3392) <sup>1</sup>				
3489211	Iron and steel wire rope and cable.....	Short ton			
3489215	Noninsulated battery cable (excluding cable sets).....	Dollars			
3489221	Composite strand, rope, and cable (including wire strands of different metals) (except ACSR).....	Short ton			
3489231	Iron and steel wire strand (including guard rail cable).....	Short ton			
3489261	Aluminum cable-steel reinforced (ACSR) and other aluminum cable base.....	Short ton			
34893--	FENCING AND FENCE GATES (SEE ALSO INDUSTRY 3392) <sup>1</sup>				
3489311	Chain link fencing (including posts, gates, and fittings).....	Short ton			
3489331	Fence gates, wire (excluding chain link).....	Short ton			
3489351	Field fence.....	Short ton			
3489371	Ornamental lawn fence.....	Short ton			
34894--	WIRE CLOTH AND WOVEN WIRE PRODUCTS (SEE ALSO INDUSTRY 3392) <sup>1</sup>				
3489411	Woven wire netting (poultry, fur farm, stucco, etc.).....	Short ton			
	Insect wire screening				
3489421	Steel.....	M sq. ft.			
3489423	Copper and copper-base alloy.....	M sq. ft.			
3489425	Aluminum.....	M sq. ft.			
3489429	Nonferrous metal, excluding copper, copper-base alloy, and aluminum.....	M sq. ft.			
3489431	Hardware cloth.....	Short ton			
3489451	Paper machine wire cloth (fourdrinier and cylinder).....	M sq. ft.			
	Industrial wire cloth				
3489461	Steel.....	Short ton			
3489465	Nonferrous metal.....	Short ton			
3489498	Other wire cloth and woven wire products (including diamond cloth, spiral cloth, drying belts, etc.).....	Short ton			
34895--	OTHER WIRE PRODUCTS (SEE ALSO INDUSTRY 3392) <sup>1</sup>				
3489511	Barbed and twisted wire.....	Short ton			
3489521	Wire bale ties.....	Short ton			
	Welded steel wire fabric				
3489531	Concrete reinforcing mesh.....	Short ton			
3489539	Other welded steel wire fabric.....	Short ton			
	Wire chain				
3489541	Tire.....	Short ton			
3489549	Other.....	Short ton			
3489551	Wire garment hangers.....	M lbs.			
3489598	Other wire products, including cages, guards, florists' designs, kitchenware goods, paper clips, etc. (Specify kind)				
	.....	Dollars			
	.....	Dollars			

<sup>1</sup>Classify in Industry 3489, if plant produces wire products primarily from purchased wire.

MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

		(B)	(D)	(E)
<b>INDUSTRY 3491 - METAL BARRELS, DRUMS, AND PAILS - MC-34A</b>				
4911--	STEEL SHIPPING PACKAGES, KEGS, AND PAILS (1 TO 12 GALLON CAPACITY)			
491111	Steel shipping packages, kegs, and pails (12 gallons capacity and under) (as defined in Census monthly Form M75A).....	Number		
4912--	STEEL SHIPPING BARRELS AND DRUMS (OVER 12 GALLON CAPACITY), EXCEPT BEER BARRELS			
	Steel shipping barrels and drums (over 12 gallons capacity) (as defined in Census monthly Form M75A)			
491211	Heavy type.....	Number		
491251	Light type.....	Number		
4913--	ALL OTHER METAL BARRELS, INCLUDING BEER BARRELS			
	Beer barrels, all sizes			
491311	Steel.....	Number		
491315	Aluminum.....	Number		
491371	Aluminum barrels, except beer.....	Number		
<b>INDUSTRY 3492 - SAFES AND VAULTS - MC-34L</b>				
4920--	SAFES, CHESTS, BANK VAULTS, ETC.			
	Safes and chests (safes and chests should be reported as fire-resistive or burglary-resistive depending upon the primary purpose for which they are built)			
492011	Fire-resistive safes (insulated).....	No. of units		
492021	Burglary-resistive safes and chests.....	No. of units		
492041	Safe deposit boxes.....	No. of units		
492098	All other bank and security vaults and equipment (including bank security lockers and night depositories) and interior equipment for safes and chests.....	Dollars		
<b>INDUSTRY 3493 - STEEL SPRINGS - MC-34M</b>				
4930--	STEEL SPRINGS EXCEPT WIRE			
	Helical springs, hot wound			
	Automobile knee action coil springs			
493011	Shipments to motor vehicle manufacturers (auto, truck, bus, trailer, etc.).....	Short ton		
493013	Shipments to other customers.....	Short ton		
493015	Locomotive and railroad car.....	Short ton		
493019	Other helical springs, hot wound.....	Short ton		
	Leaf springs			
493031	Locomotive and railroad car.....	Short ton		
	Automotive (auto, truck, bus, trailer, etc.)			
493051	Shipments to motor vehicle manufacturers (auto, truck, bus, trailer, etc.).....	Short ton		
493059	Shipment to other customers.....	Short ton		
493061	Leaf springs for tractors, farm equipment, and other heavy equipment.....	Short ton		
493071	Flat springs made of sheet and strip.....	Short ton		
493081	Torsion bar springs.....	Short ton		
493098	Other steel springs, except wire (Specify kind)			
	.....	Short ton		
	.....	Short ton		

MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 3494 - BOLTS, NUTS, WASHERS, AND RIVETS - MC-34N</b>				
34941--	<b>BOLTS, NUTS, SCREWS, WASHERS, RIVETS, AND OTHER INDUSTRIAL FASTENERS--STANDARD TYPE ONLY</b>			
3494111	Bolts, rods, lag screws, and studs (including nuts when nuts and bolts are sold as a unit).....	M pounds		
	<b>Nuts</b>			
3494121	Locknuts and similar nut devices.....	M pieces		
3494129	Other nuts (including stove, machine, screw, and wing nuts).....	M pieces		
	<b>Screws</b>			
3494131	Cap and set screws.....	M pieces		
3494133	Machine screws and stove bolts.....	M pieces		
3494135	Sheet metal and tapping screws (thread forming screws).....	M pieces		
3494137	Wood and drive screws.....	Gross		
	<b>Washers</b>			
3494141	Plate (flat).....	M pounds		
3494145	Spring and lock.....	M pieces		
	<b>Rivets</b>			
3494152	7/16" and under.....	M pounds		
3494156	1/2" and over.....	M pounds		
3494161	Turnbuckles (except forged) and Toggle bolts.....	M pieces		
3494171	Cotter pins.....	M pieces		
34942--	<b>SPECIAL-PRODUCTS, OTHER THAN STANDARD TYPE FASTENERS</b>			
	Special industrial fasteners--Miscellaneous products which cannot be classified in any of the above categories (excluding nonstandard products made on automatic or hand operated screw machines)			
3494212	Made on the same machines (headers, threaders, and nut forming machines) that are used in the production of bolts, nuts, rivets, etc.....	Pounds		
3494252	Made on other machines (other than headers, threaders, and nut forming machines) that are used in the production of bolts, nuts, rivets, etc.....	Pounds		
<b>INDUSTRY 3495 - SCREW-MACHINE PRODUCTS - MC-34N</b>				
34950--	<b>SCREW-MACHINE PRODUCTS</b>			
3495011	Screw-machine products (nonstandard items made from rod, bar, or tube stock on an automatic or hand operated screw machine).....	Dollars		
<b>INDUSTRY 3496 - COLLAPSIBLE TUBES - MC-34P</b>				
34960--	<b>COLLAPSIBLE TUBES</b>			
3496011	Aluminum.....	Gross		
3496012	Lead.....	Gross		
3496013	Tin.....	Gross		
3496014	Tin coated.....	Gross		
3496016	Tin-lead alloy.....	Gross		
3496019	Other (specify kind).....	Gross		
		Gross		
3496051	Caps (except plastic), spouts, applicators, and screw eyes (for collapsible tubes).....	Dollars		



## MAJOR GROUP 34 - FABRICATED METAL PRODUCTS--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3497 - METAL FOIL - MC-34P				
34970--	METAL FOIL AND LEAF			
	Foil (Report quantities in terms of metal content)			
	Aluminum foil, plain (under .006")			
3497011	Condenser.....	M pounds		
3497019	All other plain aluminum foil.....	M pounds		
	Converted Aluminum Foil:			
3497021	Laminated.....	M pounds		
3497029	Unlaminated.....	M pounds		
3497041	Composition (Combination of two or more metals).....	M pounds		
3497049	Other foil (Specify kind)			
	.....	M pounds		
	.....	M pounds		
	Leaf			
	Colored leaf			
3497052	Aluminum.....	Rolls of 100' x 1"		
3497055	Imitation gold.....	Rolls of 100' x 1"		
3497059	All other (including nonmetallic stamping and embossing materials made from pigments).....	Rolls of 100' x 1"		
	Gold			
3497061	In books.....	Books of 500 sheets		
3497063	In rolls, sized.....	Rolls of 100' x 1"		
3497065	In rolls, unsized.....	Rolls of 67' x 1"		
	Other			
3497071	In books, (Specify kind)			
	.....	Books of 500 sheets		
	.....	Books of 500 sheets		
3497075	In rolls (Specify kind)			
	.....	Rolls of 100' x 1"		
	.....	Rolls of 100' x 1"		
INDUSTRY 3499 - FABRICATED METAL PRODUCTS, N.E.C. - MC-D1 <sup>1</sup>				
34991--	METAL AMMUNITION BOXES AND CHESTS			
3499111	Metal ammunition boxes and chests.....	Dollars		
34992--	FABRICATED METAL PRODUCTS, N.E.C.			
3499211	Fabricated metal products, n.e.c.....	Dollars		

<sup>1</sup>No specific products of this industry are listed on the product schedule. Any products which are classified in this industry will be "written in" by the reporting establishment.



NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

MAJOR GROUP 35 - MACHINERY (EXCEPT ELECTRICAL)--Continued

		(B1)	(D)	(E)
INDUSTRY 3519 - INTERNAL COMBUSTION ENGINES <sup>1</sup> - MC-35B				
35191--	GASOLINE ENGINES - EXCEPT OUTBOARD, AIRCRAFT, AUTOMOBILE, TRUCK AND BUS			
3519100 <sup>1</sup>	Gasoline engines <sup>2</sup> .....	No. of engines	(2)	(2)
35192--	DIESEL ENGINES			
3519210 <sup>1</sup>	Diesel and semi-Diesel (except automotive) <sup>2</sup> .....	No. of engines	(2)	(2)
3519250 <sup>1</sup>	Diesel and semi-Diesel (automotive) <sup>2</sup> .....	No. of engines	(2)	(2)
35193--	GAS ENGINES			
3519309	Gas turbine (except aircraft) <sup>3</sup> .....	Number	(3)	(3)
3519310 <sup>1</sup>	Gas (except gas turbine) <sup>2</sup> .....	No. of engines	(2)	(2)
35194--	PARTS AND ACCESSORIES FOR INTERNAL COMBUSTION ENGINES, EXCEPT AIRCRAFT, AUTOMOBILE, TRUCK, AND BUS			
3519411	Parts and accessories for internal combustion engines (except aircraft, automobile, truck, and bus).....	Dollars		
35195--	OUTBOARD MOTORS			
3519500 <sup>1</sup>	Outboard motors <sup>2</sup> .....	No. of engines	(2)	(2)
35196--	OTHER INTERNAL COMBUSTION ENGINES <sup>4</sup>			
3519600 <sup>1</sup>	Other internal combustion engines <sup>2</sup> .....	No. of engines	(2)	(2)
3519700 <sup>1</sup>	DUAL-FUEL ENGINES <sup>2</sup> <sup>4</sup> .....	No. of engines	(2)	(2)
3519800 <sup>1</sup>	MINIATURE ENGINES <sup>2</sup> <sup>4</sup> .....	No. of engines	(2)	(2)
3519911	CONVERTED ENGINES (CONVERTED FROM PURCHASED ENGINES OR FROM ENGINES RECEIVED FROM ANOTHER PLANT OF YOUR COMPANY) <sup>4</sup> .....	No. of engines		

<sup>1</sup>All Industry 3519 products, except codes 3519309, 3519411, and 3519911, are to be referred to the commodity section for conversion to MA-31L annual commodity survey specifications.

<sup>2</sup>Column structure for "Internal combustion engines (except gas turbines and aircraft and gasoline automotive)" is as follows:

Model number of engines (A)	Engine specifications (per engine)							Total shipments and interplant transfers				Produced and incorporated into other products in this plant (quantity, number of engines) (H)	
	Service designed for (industrial, tractors, locomotive, marine, outboard, agricultural, lawn mower, oil field, and other) (please specify) (B2)	Type of engine (gasoline, Diesel, gas) (please specify) (B3)	Piston displacement (cubic inches) (B4)	Maximum brake horsepower at recommended operating range RPM		Method of cooling (specify air or liquid) (B7)	No. of cycles (B8)	No. of cylinders (B9)	Shpmt (inc. trfs to other plants of your company)		Transfers to other plants of your company		
				H.P. (not super-charged) (B5)	RPM (B6)				Quantity (number of engines) (D)	Value (E)	Quantity (number of engines) (F)		Value (G)

<sup>3</sup>Column structure for "Gas turbine (except aircraft)" is as follows:

Total shipments and interplant transfers of completed units			Number shipped (Col. (D)) by horsepower capacity (rated or normal)											
Number (D)	Value (E)	Rated horsepower capacity (F)	Under 10	10-19	20-49	50-99	100-199	200-499	500-999	1,000-4,999	5,000-9,999	10,000-24,999	25,000-34,999	35,000 and over

<sup>4</sup>Product classes 35197-35199 are used in the Census for comparability with current commodity survey MA-31L; these classes are equivalent to "Other internal combustion engines," product class code 35196.



MAJOR GROUP 35 - MACHINERY (EXCEPT ELECTRICAL)--Continued

(A)	(B)	(C)	Shipments and interplant transfers			
			Total		Domestic shipments	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)
INDUSTRY 3521 - TRACTORS - MC-35C						
35211-- 3521110	WHEEL TRACTORS (EXCEPT CONTRACTORS' OFF-HIGHWAY AND GARDEN TYPES) Wheel tractors, all-purpose (except contractors' off-highway type) (Covers Code 1 as reported on Census Quarterly Form M37B).....	No. of units				
3521120	Wheel tractors, other than all-purpose (except contractors' off-highway type) (Covers Code 2 as reported on Census Quarterly Form M37B).....	No. of units				
35212-- 3521210	WHEEL TRACTORS (CONTRACTORS' OFF-HIGHWAY TYPE) Wheel tractors, contractors' off-highway type (Covers Code 3 as reported on Census Quarterly Form M37B).....	No. of units				
35213--	GARDEN TRACTORS					
	Garden tractors					
	Riding type					
3521311	Under 6 engine hp.....	No. of units				
3521313	6 and under 8 engine hp.....	No. of units				
3521315	8 engine hp and over.....	No. of units				
	Walking type (except riding attachments)					
3521321	2 engine hp and under.....	No. of units				
3521323	Over 2 engine hp and under 6 engine hp.....	No. of units				
3521325	6 engine hp and over.....	No. of units				
	Motor tillers					
3521331	2 engine hp and under.....	No. of units				
3521333	Over 2 engine hp and under 6 engine hp.....	No. of units				
3521335	6 engine hp and over.....	No. of units				
35214-- 3521410	TRACKLAYING TRACTORS Tracklaying tractors (Covers Code 4 as reported on Census Quarterly Form M37B).....	No. of units				
35215--	PARTS AND ATTACHMENTS FOR WHEEL TRACTORS (EXCEPT CONTRACTORS' OFF-HIGHWAY AND GARDEN TYPES)					
	For wheel tractors, all purpose					
3521511	Attachments.....	Dollars				
3521531	Parts (for replacement and repairs).....	Dollars				
	For wheel tractors, other than all purpose					
3521551	Attachments.....	Dollars				
3521571	Parts (for replacement and repairs).....	Dollars				
3521581	Parts sold to other plants producing farm equipment.....	Dollars				
35216--	PARTS AND ATTACHMENTS FOR WHEEL TRACTORS (CONTRACTORS' OFF-HIGHWAY TYPE)					
3521611	Attachments.....	Dollars				
3521651	Parts (for replacement and repairs).....	Dollars				
3521661	Parts sold to other plants producing farm equipment.....	Dollars				
35217--	PARTS AND ATTACHMENTS FOR GARDEN TRACTORS					
3521711	Attachments for garden tractors and motor tillers (except riding attachments for walking type garden tractors).....	Dollars				
3521731	Riding attachments for walking type garden tractors (include those shipped with walking type tractors).....	No. of units				
3521751	Parts for garden tractors and motor tillers (for replacement and repairs).....	Dollars				
3521761	Parts sold to other plants producing farm equipment.....	Dollars				
35218--	PARTS AND ATTACHMENTS FOR TRACKLAYING TRACTORS					
3521811	Attachments.....	Dollars				
3521851	Parts (for replacement and repairs).....	Dollars				
3521861	Parts sold to other plants producing farm equipment.....	Dollars				

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(C)	Shipments and interplant transfers			
			Total		Domestic shipments	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)
INDUSTRY 3522 - FARM MACHINERY (EXCEPT TRACTORS) - MC-35C						
35221--	PLOWS AND LISTERS, INCLUDING PARTS <sup>1</sup> AND ATTACHMENTS					
	Moldboard plows					
3522111	Horse drawn.....	Number				
	Tractor drawn 1-way					
3522113	1-bottom.....	Number				
3522115	2-bottom.....	Number				
3522117	3-bottom.....	Number				
3522119	4-bottom and larger.....	Number				
	Tractor drawn, 2-way					
3522121	2-bottom, 1-furrow.....	Number				
3522123	4-bottom, 2-furrow.....	Number				
	Mounted, 1-way					
3522125	1-bottom.....	Number				
3522126	2-bottom.....	Number				
3522127	3-bottom and larger.....	Number				
3522129	Mounted, 2-way.....	Number				
	Disc plows, drawn					
3522131	1-, 2-, and 3-disc.....	Number				
3522133	4-disc and larger.....	Number				
	Disc plows, mounted					
3522135	1- and 2-disc.....	Number				
3522137	3-disc and larger.....	Number				
	One-way disc plows or tillers (disc tillers, harrow plows, cylinder plows, Great Plainsplows, Wheatland plows, etc.)					
3522141	Width of cut under 5 feet.....	Number				
3522145	Width of cut 5 feet and larger.....	Number				
3522151	Rotary-tiller plows, field type.....	Number				
3522155	Subsoil plows.....	Number				
3522161	Terracing and ditching plows.....	Number				
3522165	Other plows, except snow plows (state kind and list each kind separately).....	Number				
	Listers (middlebusters, middlebreakers, and bedders), without planting attachments					
3522171	Drawn.....	Number				
	Mounted					
3522173	1- and 2-row.....	Number				
3522175	3-row and larger.....	Number				
3522181	Attachments for plows and listers, except planting attachments for listers (coulters, jointers, root cutters, sub-soilers, fertilizer distributors, etc.).....	Dollars				
3522183	Plow shares.....	M pounds				
3522185	Parts for plows and listers (except plow shares) (for replacement and repairs).....	Dollars				

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(C)	Shipments and interplant transfers			
			Total		Domestic shipments	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)
INDUSTRY 3522 - FARM MACHINERY (EXCEPT TRACTORS) - MC-35C--Continued						
35222--	HARROWS, ROLLERS, PULVERIZERS, AND STALK CUTTERS, INCLUDING PARTS <sup>1</sup> AND ATTACHMENTS					
3522211	Spike-tooth harrow sections.....	Number				
3522215	Spring-tooth harrow sections.....	Number				
	Disc Harrows					
	Single (2 gang)					
3522221	Drawn.....	Number				
3522225	Mounted.....	Number				
	Tandem (4 gang)					
	Drawn					
3522231	Wheel type.....	Number				
3522233	Other.....	Number				
3522235	Mounted.....	Number				
	Offset					
	Drawn					
3522241	Wheel type.....	Number				
3522243	Other.....	Number				
3522245	Mounted.....	Number				
3522247	Brush and bog.....	Number				
3522251	Other harrows (state kind and list each kind separately).....	Number				
3522253	Soil pulverizers, packers, and land rollers.....	Number				
3522255	Stalk cutters.....	Number				
3522257	Stalk shredders and stalk pulverizers.....	Number				
	Blade terracers, land levelers or scrapers (farm size)					
3522261	Wheel type.....	Number				
3522265	Other.....	Number				
3522271	Other rollers, pulverizers, and similar equipment (state kind and list each kind separately).....	Number				
3522273	Attachments for harrows, rollers, pulverizers, stalk cutters, and similar equipment.....	Dollars				
3522275	Parts for harrows, rollers, pulverizers, stalk cutters, and similar equipment (for replacement and repairs).....	Dollars				



MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(E)	(C)	Shipments and interplant transfers			
			Total		Domestic shipments	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)
INDUSTRY 3522 - FARM MACHINERY (EXCEPT TRACTORS) - MC-35C--Continued						
35223--	PLANTING, SEEDING, AND FERTILIZING MACHINERY, INCLUDING PARTS <sup>1</sup> AND ATTACHMENTS					
	Corn planters					
	Drawn					
3522311	1- and 2-row.....	Number				
3522313	3-row and larger.....	Number				
3522315	Mounted (including planting attachments for cultivators).....	Number				
	Corn and cotton planters					
	Drawn.....	Number				
	Mounted (including planting attachments for cultivators)					
3522325	1- and 2-row.....	Number				
3522327	3-row and larger.....	Number				
3522331	Listers (middlebusters, middlebreakers, and bedders), with planting attachments, drawn and mounted.....	Number				
3522335	Potato planters, drawn or mounted.....	Number				
	Garden or vegetable planters					
3522337	Hand, wheel type.....	Number				
3522339	Drawn or mounted.....	Number				
3522341	Transplanters, drawn or mounted.....	Number				
	Grain drills (include legume planters)					
3522343	Fertilizer.....	Number				
3522345	Plain.....	Number				
	Broadcast seeders					
3522347	Hand type.....	Number				
3522349	End-gate, mounted, and drawn.....	Number				
	Fertilizer distributors					
3522351	Manually operated.....	Number				
3522353	Drawn or mounted.....	Number				
3522355	Lime spreaders.....	Number				
	Manure spreaders					
	2-wheel					
3522361	Power driven.....	Number				
3522363	Ground driven.....	Number				
3522365	4-wheel.....	Number				
	Loaders, manure and general utility (except hay, beet, and sugar cane loaders)					
3522371	Front mounted.....	Number				
3522373	Rear mounted.....	Number				
3522381	Other planting, seeding, and fertilizing machinery (each kind should be listed separately).....	Number				
3522383	Attachments for planting, seeding, and fertilizing machinery (include planting attachments for listers).....	Dollars				
3522385	Parts for planting, seeding, and fertilizing machinery (for replacement and repairs).....	Dollars				

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(C)	Shipments and interplant transfers			
			Total		Domestic shipments	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)
INDUSTRY 3522 - FARM MACHINERY (EXCEPT TRACTORS) - MC-35C--Continued						
35224--	SPRAYERS AND DUSTERS, INCLUDING PARTS <sup>1</sup> AND ATTACHMENTS					
	Power sprayers					
	Under 6 gallons per minute					
3522411	Self-propelled (completely self-contained unit).....	Number				
	Engine or motor driven					
3522413	Wheelbarrow type.....	Number				
3522414	Skid mounted.....	Number				
3522415	Wheel mounted.....	Number				
	Tractor powered					
3522417	Tractor mounted.....	Number				
3522418	Tractor drawn.....	Number				
	6 gallons per minute and over					
3522421	Self-propelled (complete self-contained unit).....	Number				
	Engine powered					
3522423	Orchard and tree.....	Number				
3522424	Field and row crop.....	Number				
	Power take-off (tractors, etc.)					
3522427	Orchard and tree.....	Number				
3522428	Field and row crop.....	Number				
3522431	Traction sprayers, horse or tractor drawn.....	Number				
	Hand sprayers, agricultural (except flame)					
3522441	1 gallon and under.....	M units				
	Over 1 gallon					
3522443	Compressed air or gas.....	Number				
3522445	Knapsack (liquid pump).....	Number				
3522447	Wheelbarrow and cart.....	Number				
3522451	Flame sprayers, hand.....	Number				
	Spray pumps					
3522461	Power driven.....	Number				
3522465	Hand driven (bucket, barrel, slide, etc.).....	Number				
	Dusters					
	Power					
3522471	Engine driven.....	Number				
3522473	Tractor power take-off.....	Number				
3522475	Traction, all types.....	Number				
	Hand type					
3522477	Crank or knapsack type.....	Number				
3522479	Plunger type.....	Number				
3522481	Attachments for sprayers and dusters.....	Dollars				
3522485	Parts for sprayers and dusters (for replacement and repairs).....	Dollars				

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(C)	Shipments and interplant transfers			
			Total		Domestic shipments	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)
<b>INDUSTRY 3522 - FARM MACHINERY (EXCEPT TRACTORS) - MC-35C--Continued</b>						
35225--	<b>HARVESTING MACHINERY, INCLUDING PARTS<sup>1</sup> AND ATTACHMENTS</b>					
	Combindes (harvester-threshers)					
	Pull type					
3522511	6 feet and under.....	Number				
3522513	Over 6 feet and under 9 feet.....	Number				
3522515	9 feet and under 12 feet.....	Number				
3522517	12 feet and over.....	Number				
	Self-propelled					
3522521	10 feet and under.....	Number				
3522525	Over 10 feet.....	Number				
3522531	Windrowers or swathers.....	Number				
	Corn pickers					
	Drawn					
3522541	1-row.....	Number				
3522543	2-row.....	Number				
	Mounted or semi-mounted					
3522545	1-row.....	Number				
3522547	2-row.....	Number				
3522549	Self-propelled.....	Number				
3522551	Potato diggers.....	Number				
3522553	Potato harvesters.....	Number				
3522555	Beet harvesters.....	Number				
	Field forage harvesters (field ensilage cutters and field hay choppers)					
3522561	Basic machines.....	Number				
	Attachments for field forage harvesters					
3522563	Pick-up hay unit.....	Number				
3522565	Cutter bar hay unit.....	Number				
3522567	Row crop unit.....	Number				
3522571	Cotton pickers.....	Number				
3522575	Cotton strippers.....	Number				
3522581	Other harvesting machinery (state kind and list each kind separately).....	Number				
3522583	Attachments for harvesting machinery.....	Dollars	////		////	
3522585	Parts for harvesting machinery (for replacement and repairs).....	Dollars	////		////	
35226--	<b>HAYING MACHINERY, INCLUDING PARTS<sup>1</sup> AND ATTACHMENTS</b>					
	Mowers					
	Cutter bar type					
3522611	Drawn.....	Number				
3522613	Mounted or semi-mounted.....	Number				
3522615	Rotary type.....	Number				
	Rakes					
3522621	Sulky (dump).....	Number				
3522623	Side delivery (include combination side rakes and tedders) reel type.....	Number				
3522624	Side delivery, wheel type.....	Number				
3522625	Sweep or buck (horse or tractor drawn).....	Number				
3522631	Loose hay loaders.....	Number				
3522641	Hay stackers.....	Number				
	Pick-up hay balers					
	Wire					
3522651	Engine driven.....	Number				
3522653	Tractor power take-off.....	Number				
	Twine					
3522655	Engine driven.....	Number				
3522657	Tractor power take-off.....	Number				
3522661	Hay crushers.....	Number				
3522665	Hay bale loaders (field type).....	Number				
3522671	Stationary hay and straw balers (farm size).....	Number				
3522681	Other haying machinery (state kind and list each kind separately).....	Number				
3522683	Attachments for haying machinery.....	Dollars	////		////	
3522685	Parts for haying machinery (for replacement and repairs).....	Dollars	////		////	



MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(C)	Shipments and interplant transfers			
			Total		Domestic shipments	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)
<b>INDUSTRY 3522 - FARM MACHINERY (EXCEPT TRACTORS) - MC-35C--Continued</b>						
35227--	LAWN MOWERS, INCLUDING PARTS <sup>1</sup> AND ATTACHMENTS					
3522711	Hand (reel type).....	Number				
	Power					
	Reel type					
3522721	Hand traction.....	Number				
3522731	Power traction.....	Number				
	Rotary type					
3522741	Hand traction.....	Number				
3522751	Power traction.....	Number				
3522761	Gang (cutting units).....	Number				
3522798	Other (include sickle-bar mowers shipped as complete units, lawn edgers, rotary type hand mowers, and special cutting units) (Specify kind).....	Number				
	.....	Number				
	.....	Number				
35228--	FARM DAIRY MACHINES AND EQUIPMENT, INCLUDING PARTS <sup>1</sup> AND ATTACHMENTS					
	Mechanical installations					
3522811	Pumping outfits - stationary.....	Number				
3522815	Pumping outfits - portable.....	Number				
	Pail-type milking machines					
3522821	Suspended units.....	Number				
3522825	Floor type (single unit).....	Number				
3522827	Floor type (double unit).....	Number				
3522831	Pipeline milker units (individual clusters).....	Number				
	Cream separators, hand or power operated					
3522841	Capacity 500 pounds or less per hour (include bench type).....	Number				
3522845	Capacity 501 - 800 pounds per hour.....	Number				
3522847	Capacity 801 - 1,500 pounds per hour.....	Number				
3522851	Farm milk coolers (not mechanically refrigerated).....	Number				
3522861	Butter churns (farm size).....	Number				
3522871	Other farm dairy machines and equipment (state kind and list each kind separately).....	Number				
3522881	Attachments for farm dairy machines and equipment.....	Dollars				
3522885	Parts for farm dairy machines and equipment (for replacement and repairs).....	Dollars				

## MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(C)	Shipments and interplant transfers			
			Total		Domestic shipments	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)
INDUSTRY 3522 - FARM MACHINERY (EXCEPT TRACTORS) - MC-35C--Continued						
35229--	ALL OTHER FARM MACHINES AND EQUIPMENT, INCLUDING PARTS <sup>2</sup> AND ATTACHMENTS					
	Cultivators and weeders					
	Corn and cotton type cultivators					
3522901	Horse drawn.....	Number				
3522902	Tractor drawn.....	Number				
	Mounted					
3522903	1-row.....	Number				
3522904	2-row.....	Number				
3522905	3-row and larger.....	Number				
3522906	Beet, bean, and vegetable cultivators, drawn or mounted.....	Number				
3522907	Rotary hoe cultivators, drawn or mounted (ground driven, sprocket, and other types; excluding rotary hoe attachments for cultivators).....	Number				
3522908	Chisel-type subsoil cultivators, drawn or mounted (primarily for deep tillage).....	Number				
3522909	Field cultivators and field tillers, drawn or mounted.....	Number				
3522910	Tool bar carriers drawn (see 3522989).....	Number				
3522911	Hand cultivators, wheel type.....	Number				
	Weeders, drawn or mounted					
3522912	Rod.....	Number				
3522913	Toothed.....	Number				
3522914	Other cultivators and weeders (state kind and list each kind separately).....	Number				
3522915	Attachments for cultivators and weeders.....	Dollars				
3522916	Parts for cultivators and weeders (for replacement and repairs).....	Dollars				
	Machines for preparing crops for market or for use					
3522917	Stationary threshers (except peanut).....	Number				
3522918	Peanut pickers and threshers.....	Number				
	Corn shellers, power					
3522919	Capacity less than 150 bushels per hour.....	Number				
3522920	Capacity 150 to 500 bushels per hour.....	Number				
3522921	Capacity over 500 bushels per hour.....	Number				
3522922	Ensilage cutters (silo fillers).....	Number				
3522923	Corn huskers and combination corn husker-shredders.....	Number				
	Feed grinders and crushers, power (farm size)					
3522924	Hammer mills, with hammers only.....	Number				
3522925	Burr mills, with grinding plates only.....	Number				
3522926	Combination roughage mills.....	Number				
3522927	Feed mixers (farm size).....	Number				
3522928	Grain and corn graders and cleaners (farm size).....	Number				
3522929	Potato sorters and graders (farm size).....	Number				
3522930	Vegetable graders and washers (farm size).....	Number				
3522931	Tobacco curers.....	Number				
	Driers, grain, hay, and seed					
3522932	Stationary type.....	Number				
3522933	Portable type.....	Number				
	Cotton ginning machinery and equipment					
3522934 <sup>1</sup>	Cotton gins.....	No. of stands				
3522935 <sup>1</sup>	Other cotton ginning machinery and equipment (Specify kind and unit of measure).....					
3522936	Other machines for preparing crops for market or for use (state kind and list each kind separately).....	Number				
3522937	Attachments for machines for preparing crops for market or for use.....	Dollars				
3522938	Parts for machines for preparing crops for market or for use (for replacement and repairs).....	Dollars				
	Farm poultry equipment					
	Incubators					
3522939	1,000 egg capacity and smaller.....	Total egg capacity				
3522940	1,001 through 19,999 egg capacity.....	Total egg capacity				
3522941	20,000 egg capacity and larger.....	Total egg capacity				

<sup>1</sup>These items are shown on Forms MC-35C and MC-35L with codes 3522934 and 3522935. They should be assigned codes 3559771 and 3559775, respectively.

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(C)	Shipments and interplant transfers			
			Total		Domestic shipments	
			Quan. (D)	Value (E)	Quan. (F)	Value (G)
<b>INDUSTRY 3522 - FARM MACHINERY (EXCEPT TRACTORS) - MC-35C--Continued</b>						
35229—	ALL OTHER FARM MACHINES AND EQUIPMENT, INCLUDING PARTS <sup>2</sup> AND ATTACHMENTS --Continued					
	Farm poultry equipment--Continued					
	Brooders, floor					
3522942	Electric.....	Number				
3522943	Oil.....	Number				
3522944	Gas.....	Number				
3522945	Coal and wood.....	Number				
3522946	Brooders, battery.....	No. of decks				
3522947	Growing batteries.....	No. of decks				
3522948	Hens' nests, trap and laying.....	Number				
	Poultry feeders					
3522949	Chick and intermediate types.....	Number				
3522950	Flock and pullet.....	Number				
3522951	Automatic.....	Number				
	Poultry waterers					
3522952	Under one gallon capacity.....	Number				
3522953	One gallon capacity and larger.....	Number				
		Thousands of units				
3522954	Leg and wing bands.....					
3522955	Other farm poultry equipment (state kind and list each kind separately).....	Number				
3522956	Attachments for farm poultry equipment.....	Dollars				
3522957	Parts for farm poultry equipment (for replacement and repairs)	Dollars				
	Barn equipment					
3522958	Feed and litter carriers (overhead).....	Number				
3522959	Feed trucks.....	Number				
3522960	Hay carriers.....	Number				
3522961	Hay carrier forks (harpoon and grapple).....	Number				
3522962	Dairy cattle stalls for use with stanchions (excluding value of stanchions if shipped with stalls).....	Number				
3522963	Chain tie stalls (all types).....	Number				
3522964	Milking parlor stalls (tandem, abreast-type, etc.).....	Number				
3522965	Panel type milking or feeding stalls (report number of stalls, not sections).....	Number				
3522966	Stanchions, swing type (shipped separately and with stalls)...	Number				
3522967	Livestock pens (dairy and hog).....	No. of feet				
3522968	Livestock waterbowls, inside (dairy and horse).....	Number				
3522969	Barn cleaners, all types.....	Number				
3522970	Other barn equipment (state kind and list each kind separately. Excluding construction items such as partitions, doors, windows, pillars, ventilators, etc.).....	Number				
3522971	Attachments for barn equipment.....	Dollars				
3522972	Parts for barn equipment (for replacement and repairs).....	Dollars				
	Barnyard equipment					
3522973	Animal stock tanks.....	Number				
3522974	Hog troughs.....	Number				
3522975	Livestock outside watering bowls.....	Number				
3522976	Hog waterers.....	Number				
3522977	Livestock water heaters.....	Number				
	Hog feeders					
3522978	Metal.....	Number				
3522979	Wood.....	Number				
3522980	Other barnyard equipment (state kind and list each kind separately).....	Number				
3522981	Attachments for barnyard equipment.....	Dollars				
3522982	Parts for barnyard equipment (for replacement and repairs)...	Dollars				
3522983	Grain blowers (farm size).....	Number				
3522984	Forage blowers (including combination grain and forage blowers).....	Number				
3522985	Attachments for grain and forage blowers.....	Dollars				
3522986	Parts for grain and forage blowers (for replacement and repairs).....	Dollars				
3522987	Windmill heads.....	Number				
3522988	Windmill towers.....	Number				
3522989	Tool bar carriers mounted (see 3522910).....	Number				
3522991	Other farm blowers (Specify kind)	Number				
		Number				
3522998	Other farm machines equipment and attachments (including parts sold to other plants producing farm equipment) (Specify kind)	Dollars				
		Dollars				

<sup>1</sup>Includes parts for replacement and repair only. Parts sold to other plants producing farm equipment are reported in product class 35229.

<sup>2</sup>Includes all other parts for replacement and repair and all parts sold to other plants producing farm equipment.



MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 3531 - CONSTRUCTION AND MINING MACHINERY - MC-35D</b>				
35311--	<b>CRANES (EXCEPT CONSTRUCTION POWER AND OVERHEAD TRAVELING CRANES)</b>			
	Cranes			
3531111	Locomotive (except wrecking).....	No. of units		
3531113	Full circle revolving with booms (such as wryleys and hammer heads), whether mounted on portal, gantry, fixed base, barge, or other carriage.....	No. of units		
3531117	Other cranes (including locomotive wrecking) (Specify kind).....	No. of units		
	Hoists			
3531131	Hand chain hoists.....	No. of units		
3531133	Electric chain hoists.....	No. of units		
3531135	Electric wire-rope hoists.....	No. of units		
3531137	Air hoists.....	No. of units		
3531139	Other hoists (Specify kind).....	No. of units		
3531151	Winches.....	No. of units		
3531171	Derricks, except oil and gas well (including gallows, frames, ginpole, stiff legs, and guy).....	No. of units		
35312--	<b>POWER CRANES, DRAGLINES AND SHOVELS, INCLUDING FRONT-END ATTACHMENTS (SOLD SEPARATELY) AND PARTS (EXCLUDING EQUIPMENT FOR MOUNTING ON TRACTORS)</b>			
	Crawler mounted			
3531211	Under 3/8 cu. yd. shovel capacity (or, if shovel cannot be mounted, up to and including 3 tons crane liftime capacity).....	No. of units		
3531213	3/8 cu. yd. shovel capacity (or over 3 to 5 tons crane lifting capacity).....	No. of units		
3531215	1/2 cu. yd. shovel capacity (or over 5 to 7 tons crane lifting capacity).....	No. of units		
3531217	3/4 cu. yd. shovel capacity (or over 7 to 10 tons crane lifting capacity).....	No. of units		
3531221	1 to 1-1/2 cu. yd. shovel capacity (or over 10 to 25 tons crane lifting capacity).....	No. of units		
3531223	1-3/4 to 2 cu. yd. shovel capacity (or over 25 to 40 tons crane lifting capacity).....	No. of units		
3531225	2-1/2 cu. yd. shovel capacity (or over 40 to 50 tons crane lifting capacity).....	No. of units		
3531227	Over 2-1/2 cu. yd. shovel capacity (or over 50 tons crane lifting capacity).....	No. of units		
	Truck or wheel (wagon) mounted (including value of front end attachments when they are sold with the machine)			
3531231	Under 3/8 cu. yd. shovel capacity (or up to and including 5 tons crane lifting capacity).....	No. of units		
3531233	3/8 cu. yd. shovel capacity (or over 5 to 7 tons crane lifting capacity).....	No. of units		
3531235	1/2 cu. yd. shovel capacity (or over 7 to 10 tons crane lifting capacity).....	No. of units		
3531237	3/4 cu. yd. shovel capacity (or over 10 to 20 tons crane lifting capacity).....	No. of units		
3531239	1 cu. yd. and over shovel capacity (or over 20 tons crane lifting capacity).....	No. of units		
3531251	Walking draglines and walking cranes (including value of front end attachments when they are sold with the machine).....	No. of units		
3531281	Front end attachments, buckets, grapples, slings, etc., for power cranes, draglines, and shovels (sold separately).....	Dollars		
3531285	Parts for power cranes, draglines, and shovels.....	Dollars		
35313--	<b>MIXERS, PAVERS, AND RELATED EQUIPMENT</b>			
	Concrete			
	Mixers, portable, under 3-1/2 cu. ft. capacity (except plaster and mortar)			
3531311	Hand operated.....	No. of units		
3531315	Power operated.....	No. of units		
	Mixers, portable, 3-1/2 cu. ft. and over (except plaster and mortar)			
3531321	Truck or agitator.....	No. of units		
3531325	Other than truck or agitator.....	No. of units		
3531331	Mixers, plaster and mortar.....	No. of units		
3531333	Pavers.....	No. of units		
3531335	Finishers and spreaders.....	No. of units		
3531337	Batching plants (for concrete, aggregate only, and bulk cement).....	No. of units		
3531339	Concrete vibrators.....	No. of units		
	Bituminous			
3531341	Distributors.....	No. of units		
3531345	Asphalt plants (including travel-mix type).....	No. of units		
3531347	Other (including portable mixers and batch plants, finishers or pavers, bituminous heating kettles, heaters and circulators for tank car, direct, and steam heating, and asphalt surface heaters).....	No. of units		
	Other materials			
3531351	Aggregate spreaders.....	No. of units		
3531355	Soil stabilization pavers.....	No. of units		
35314--	<b>SPECIALIZED MINING MACHINERY AND EQUIPMENT</b>			
3531411	Coal cutting machines (whether used for coal or other soft minerals).....	No. of units		
	Underground loaders			
3531431	Mobile loading machines (including shovel and gathering types).....	No. of units		
3531435	Scraper loaders.....	No. of units		
3531439	All other underground loaders.....	No. of units		
3531441	Continuous mining machines.....	No. of units		
3531451	Mineral classifying, flotation, separating, concentrating, cleaning, sedimentation, clarifying, and related equipment (except screening machinery and plants).....	Dollars		
3531471	Underground mine cars (including shuttle cars and car dampers).....	No. of units		

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(D)	(E)
INDUSTRY 3531 - CONSTRUCTION AND MINING MACHINERY - MC-35D--Continued			
35315-- CRUSHING, PULVERIZING, AND SCREENING MACHINERY (INCLUDING EQUIPMENT USED FOR ORE, COAL, ROCK, AND THE PROCESSING INDUSTRIES, BUT EXCLUDING SMALL EQUIPMENT BUILT SPECIFICALLY FOR GRINDING FEED ON FARMS).			
Crushers and crushing plants (including jaw, roll, gyratory, hammermills, etc.)			
3531511 Portable.....	No. of units		
3531515 Stationary (including crushers on skids).....	No. of units		
3531531 Pulverizers and grinders.....	No. of units		
Screening plants, washing plants, and combination washing and screening plants (including combination crushing, washing, and screening plants)			
3531551 Portable.....	No. of units		
3531555 Stationary.....	No. of units		
35316-- EXCAVATING AND ROAD-CONSTRUCTION AND MAINTENANCE MACHINERY, EXCEPT SHOVELS AND CRANES			
Dredging machinery			
3531601 Hydraulic type.....	Dollars		
3531605 Other dredging machines.....	Dollars		
3531607 Contractor's air tools, hand held (including only clay diggers, paving breakers, and back-fill tampers).....	No. of units		
Snow plows (for mounting on tractors or trucks)			
3531611 Rotary and blower.....	No. of units		
3531613 "V" and single blades, and wings (attachments only).....	No. of units		
3531615 Sweepers, motor pick-up (for mounting on tractors or trucks).....	No. of units		
3531620 Ditchers and trenchers (including ladder, wheel, and blade types).....	Dollars		
3531630 Scrapers (including carrying and hauling, and other types).....	Dollars		
3531640 Graders (including motor graders and all other types).....	Dollars		
3531650 Rollers, self-propelled and drawn (including tandem, 3-wheel, and tamping and sheepsfoot).....	Dollars		
Tractor-mounted construction machinery (equipment for mounting either on track-laying or heavy duty wheel type tractors).....	Dollars		
3531657 Tractor-mounted cranes.....	Dollars		
3531660 Angle dozers and bull dozers for mounting on tractors (5 feet blade length and over).....	Dollars		
3531670 Cable power control units.....	Dollars		
3531677 Loaders, shovel type.....	Dollars		
3531678 Earth augers and post-hole diggers.....	No. of units		
3531680 Trucks, off-highway type.....	Dollars		
3531687 Trailers and wagons, off-highway type, for use with wheel-type tractors and with truck tractors (including tractor drawn dump bodies).....	Dollars		
3531698 Other excavating and road construction machinery (including rippers and rooters, discs, conveyor type loaders, etc.) (Specify kind) .....	Dollars		
.....	Dollars		
35317-- RAILWAY MAINTENANCE OF WAY EQUIPMENT			
3531711 Railway maintenance of way equipment (rail layers, ballast spreaders, etc.) except rail cars.....	Dollars		
35318-- OTHER CONSTRUCTION, MINING AND SIMILAR MACHINERY, AND PARTS AND ATTACHMENTS FOR ALL TYPES OF CONSTRUCTION AND MINING MACHINERY, EXCEPT FRONT-END ATTACHMENTS AND PARTS FOR POWER CRANES, DRAGLINES, AND SHOVELS			
Drills, mining and construction (Other than oil and gas field, water well, and blast hole portable drilling rigs)			
3531811 Portable rock drills, hand held or mounted.....	No. of units		
3531813 Core drills, complete (except core drilling attachments to be used with other drills).....	No. of units		
3531815 Other drills, and tools and supplies for drills (sold separately) (Specify kind) .....	Dollars		
.....	Dollars		
3531881 All other construction, mining machinery and equipment, complete units (Specify kind) .....	No. of units		
.....	No. of units		
3531885 Parts and attachments for construction, mining machinery and equipment, sold separately (other than parts and attachments for power cranes, draglines, and shovels).....	Dollars		
3531X-- OF THE TOTAL NUMBER OF POWER CRANES, DRAGLINES, AND SHOVELS REPORTED FOR CODES 3531211 THRU 3531251, INDICATE THE NUMBER SHIPPED BY TYPE OF POWER AS FOLLOWS:			
3531X11 Gasoline.....	Number		
3531X31 Diesel.....	Number		
3531X51 Electric (clutch type).....	Number		



(A)	(B)	(D)	(E)
<b>INDUSTRY 3532 - OIL FIELD MACHINERY AND TOOL - MC35E</b>			
<b>35321-- OIL AND GAS FIELD DRILLING EQUIPMENT (EXCEPT PORTABLE DRILLING RIGS AND PUMPS)</b>			
Cable tool drilling surface machinery and equipment			
3532111	Drilling machines and accessories.....	No. of units	
3532115	Other cable tool surface drilling equipment (including rig irons, wheels, reels, beams, pitmans, etc.).....	Dollars	
Cable tool drilling subsurface equipment			
3532121	Drilling bits, jars, sockets.....	Dollars	
3532123	Fishing and specialty tools.....	Dollars	
3532125	Other cable tool subsurface equipment.....	Dollars	
Rotary drilling surface machinery and equipment			
3532131	Blocks, crown and traveling.....	No. of units	
3532132	Draw works and accessories.....	No. of units	
3532133	Consolidated (package) rigs and accessories.....	No. of units	
3532134	Rotary tables.....	No. of units	
3532135	Elevators, spiders, slips, hooks, links, and connectors.....	Dollars	
3532136	Swivels and accessories.....	Dollars	
3532137	Well control equipment (blow-out preventers, etc.).....	Dollars	
3532139	Other rotary drilling surface machinery and equipment.....	Dollars	
Rotary drilling subsurface equipment			
3532141	Bits.....	No. of units	
3532142	Reamers.....	Dollars	
3532143	Coring equipment.....	Dollars	
3532144	Tool joints, subs, and connectors.....	Dollars	
3532145	Drill collars.....	No. of units	
3532146	Kelly joints.....	No. of units	
3532147	Fishing and cutting tools.....	Dollars	
3532149	Other subsurface rotary drilling equipment.....	Dollars	
Cementing, floating, guiding, and shoe equipment			
3532151	Guide shoes, float collars, and combination guide and float shoes.....	Dollars	
3532155	Other cementing equipment.....	Dollars	
3532198	Other ore and gas field drilling equipment (Specify kind).....	Dollars	
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<b>35322-- OTHER OIL AND GAS FIELD MACHINERY AND TOOLS INCLUDING WATER WELL DRILLING EQUIPMENT AND PORTABLE DRILLING RIGS</b>			
Portable drilling rigs-permanently mounted on truck or trailer (portable drilling rigs should be classified as "oil and gas field" or "water well and blast hole" depending on the purpose for which they were built, regardless of the use to which they may be put by the purchaser)			
Oil and gas field			
3532211	Cable tool.....	No. of units	
3532213	Rotary rigs.....	No. of units	
Water well and blast hole			
3532215	Cable tool.....	No. of units	
3532217	Rotary rigs.....	No. of units	
3532221	Derricks, oil and gas field, substructures, and accessories--regular and portable (including equipment shipped "knocked down" and assembled on the site)..	No. of units	
3532231	Well surveying machinery and equipment (Specify kind).....	Dollars	
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Production machinery and equipment			
Flowing well equipment, surface and subsurface			
3532241	Christmas tree assemblies.....	Dollars	
3532243	Casing and tubing head supports.....	Dollars	
3532245	Chokes, manifolds and other accessories.....	Dollars	
3532251	Rodless oil lifting machinery and equipment (other than pumps).....	Dollars	
Rod lifting machinery and equipment, surface (including pumps when they are component of a complete assembly)			
3532253	Pumping units and accessories (including back crank equipment).....	No. of units	
3532255	Other surface rod lifting machinery and equipment.....	Dollars	
3532257	Rod lifting equipment, subsurface, except pumps.....	No. of units	
Other production machinery and equipment			
3532261	Packers.....	Dollars	
3532265	Screens, tubing, catchers, etc.....	Dollars	
3532271	Oil and gas separating, metering, and treating equipment.....	No. of units	
3532298	Other ore and gas field machinery and tools (Specify kind).....	Dollars	
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MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(D)	(E)
INDUSTRY 3541 - MACHINE TOOLS (EXCLUDING THOSE DESIGNED PRIMARILY FOR HOME WORKSHOPS, GARAGE, AND SERVICE SHOPS) - MC-35F			
35411-- BORING MACHINES			
Horizontal boring, drilling, and milling machines			
3541111 Table type.....	Number		
3541113 Floor type.....	Number		
3541115 All other horizontal, boring, drilling, and milling machines.....	Number		
3541131 Vertical boring and turning mills (including vertical turret lathes).....	Number		
3541151 Precision boring machines.....	Number		
3541171 Jig boring machines.....	Number		
3541198 All other boring machines.....	Number		
35412-- DRILLING MACHINES			
Sensitive drilling machines (chuck fitted to spindle nose - No. 1, 2, 3, or 4 morse taper)			
3541211 Bench type.....	Number		
3541215 Floor and pedestal types.....	Number		
Vertical (upright) drilling machines			
3541221 Standard single spindle vertical drilling machines.....	Number		
3541223 Heavy duty drilling machines.....	Number		
3541225 Gang drills.....	Number		
Radial drilling machines			
Plain			
3541231 Under 13" column.....	Number		
3541235 13" column and over.....	Number		
3541241 All other (including folding arc type).....	Number		
3541251 Multiple spindle drilling machines, way and special types.....	Number		
3541261 Deep hole drilling machines, horizontal and vertical.....	Number		
3541298 All other drilling machines.....	Number		
35413-- GEAR CUTTING AND FINISHING MACHINES			
3541311 Gear hobbing machines.....	Number		
3541331 Gear shapers and cutters (including planer type).....	Number		
3541341 Bevel gear generating equipment.....	Number		
3541351 Gear finishing machines (including honing, lapping, and gear tooth grinding and shaving machines, etc.).....	Number		
35414-- GRINDING AND POLISHING MACHINES (EXCLUDING GEAR TOOTH GRINDING, HONING, LAPPING, POLISHING, AND BUFFING MACHINES)			
External cylindrical grinding machines			
3541411 Plain.....	Number		
3541413 Universal.....	Number		
3541415 Roll grinders.....	Number		
3541417 Crank shaft grinders.....	Number		
3541419 All other external cylindrical grinding machines.....	Number		
Internal cylindrical grinding machines			
3541421 Plain and chucking type.....	Number		
3541425 All other internal cylindrical grinding machines.....	Number		
Surface grinding machines			
3541431 Rotary table type, horizontal and vertical.....	Number		
3541433 Reciprocating table type, horizontal and vertical spindle (including face grinders).....	Number		
3541439 All other surface grinding machines (including planer type).....	Number		
Disc, bench, floor, and snag grinding machines			
3541441 Disc grinders.....	Number		
3541443 Bench grinders.....	Number		
3541445 Floor and snag grinders.....	Number		
Tool and cutter grinding machines			
3541451 Universal.....	Number		
3541455 Special.....	Number		
Polishing and buffing machines (excluding speed lathes)			
3541461 Bench type.....	Number		
3541465 Floor type.....	Number		
3541471 Thread grinding machines.....	Number		
3541475 Honing machines (excluding gear honing).....	Number		
3541477 Lapping machines (excluding gear lapping).....	Number		
3541498 All other grinding machines (including radius, spline, contour, plate edge, jig grinders, centerless, and other grinding machines, n.e.c.).....	Number		

## MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3541 - MACHINE TOOLS (EXCLUDING THOSE DESIGNED PRIMARILY FOR HOME WORKSHOPS, GARAGE, AND SERVICE SHOPS) - MC-35F--Continued				
35415--	LATHES (EXCEPT WOODWORKING)			
3541511	Bench lathes (excluding bench turret lathes).....	Number		
3541515	Speed lathes.....	Number		
	Engine lathes (manufacturing and tool room lathes)			
3541521	Up to and including 16" swing.....	Number		
3541523	17"-23" swing (inclusive).....	Number		
3541525	24"-36" swing (inclusive).....	Number		
3541529	Over 36" swing.....	Number		
3541531	Gap lathes.....	Number		
3541539	All other manufacturing and tool room lathes.....	Number		
	Turret lathes (except vertical turret lathes but including hand screw (bar) machines)			
	Ram type			
3541541	Up to and including 1".....	Number		
3541545	Over 1".....	Number		
3541551	Bench type.....	Number		
3541555	Saddle type.....	Number		
	Automatic chucking lathes			
3541561	Single spindle.....	Number		
3541565	Multi-spindle.....	Number		
	Automatic between-center lathes			
3541571	Single spindle.....	Number		
3541575	Multi-spindle.....	Number		
	Automatic screw (bar) machines			
3541581	Single spindle.....	Number		
3541585	Multi-spindle.....	Number		
3541598	All other lathes (including axle, crankshaft, shell, spinning, boring, and combination boring and turning lathes, etc.).....	Number		
35416--	MILLING MACHINES			
3541611	Bench and hand milling machines (including knee type bench milling machines).....	Number		
	Knee type milling machines (excluding bench type)			
3541621	Horizontal plain.....	Number		
3541623	Horizontal universal.....	Number		
3541625	Vertical.....	Number		
3541629	All other knee type milling machines.....	Number		
	Bed type milling machines			
3541631	Single spindle.....	Number		
3541635	Double spindle and special purpose machines.....	Number		
3541641	Planer type milling machines.....	Number		
3541651	Profiling machines and duplicators and die sinking machines.....	Number		
3541661	Thread milling machines.....	Number		
3541698	All other milling machines (including spline, routers, cam, engraving) and ram type swivel head milling machines.....	Number		

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(D)	(E)
INDUSTRY 3541 - MACHINE TOOLS (EXCLUDING THOSE DESIGNED PRIMARILY FOR HOME WORKSHOPS, GARAGE, AND SERVICE SHOPS) - MC35F--Continued			
35417-- OTHER MACHINE TOOLS (EXCEPT THOSE DESIGNED PRIMARILY FOR HOME WORKSHOPS, LABORATORIES, ETC.) AND PARTS FOR ALL TYPES OF MACHINE TOOLS, EXCEPT PARTS FOR THOSE DESIGNED PRIMARILY FOR HOME WORKSHOPS, LABORATORIES, ETC.			
Broaching machines			
3541711 Internal broaching machines, horizontal and vertical.....	Number		
3541713 Surface broaching machines, single and double ram and rotary.....	Number		
3541715 All other broaching machines.....	Number		
3541717 Centering machines.....	Number		
3541721 Keyseating machines.....	Number		
Planers (excluding woodworking)			
3541731 Double housing.....	Number		
3541735 Openside.....	Number		
3541739 All other planers (plate, pit, etc.).....	Number		
Shapers (excluding gear shapers and woodworking shapers)			
Horizontal crank type			
3541741 Under 20" stroke.....	Number		
3541743 20"-27" stroke (inclusive).....	Number		
3541745 28" stroke and over.....	Number		
3541749 All other shapers.....	Number		
3541751 Slotting machines (excluding screw and nut slotters).....	Number		
Sawing and cut-off machines			
3541761 Abrasive cut-off saws.....	Number		
3541763 Power hack saws.....	Number		
3541765 Rotary cold saws.....	Number		
3541769 All other sawing and cut-off machines.....	Number		
3541771 Contour sawing and filing machines (including band saws).....	Number		
3541773 Tapping machines.....	Number		
Threading machines (excluding thread milling machines or thread grinding machines)			
3541775 Pipe threading.....	Number		
3541777 Other threading machines (including bolt threading).....	Number		
3541781 Other machine tools (including reaming machines; rifle working machines; combination lathe, drilling, and milling machines; screw and nut slotting machines; flange facing machines; and other machines involving combinations of two or more processes, such as boring, reaming, drilling, facing, turning, and counterboring) (Specify kind and list each kind separately)			
	Number		
	Number		
3541785 Parts for machine tools (sold separately).....	Dollars		
35418-- MACHINE TOOLS (INCLUDING THOSE METALWORKING MACHINES DESIGNED PRIMARILY FOR HOME WORKSHOPS, GARAGES, AND SERVICE SHOPS) (EXCLUDING POWER DRIVEN HAND TOOLS)			
3541811 Drilling machines.....	Number of units		
3541831 Grinding and polishing machines.....	Number of units		
3541851 Lathes, metalworking.....	Number of units		
3541871 Saws and sawing machines.....	Number of units		
3541898 All other metalworking (or primarily metalworking) types			
	Number of units		
	Number of units		
	Number of units		
35419-- REBUILT MACHINE TOOLS			
3541911 Rebuilt machine tools (Specify kind and list each kind separately)			
	Number of units		
	Number of units		
	Number of units		



MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(D)	(E)
INDUSTRY 3542 - METALWORKING MACHINERY, N.E.C. - MC-35F			
35421-- ROLLING MILL MACHINERY			
3542111 Rolling-mill machinery and equipment (Specify kind and list each kind separately)	Dollars		
	Dollars		
35422-- METAL WORKING PRESSES, INCLUDING FORGING PRESSES			
Mechanical			
Open inclinable gap type			
3542211    50 tons and under.....	Number		
3542213    51 tons and over.....	Number		
End wheel type (including horn fixed and adjustable type)			
3542215    50 tons and under.....	Number		
3542217    51 tons and over.....	Number		
Vertical straight sided and arch frame (excluding knuckle joint but include			
cam and crank)			
Single action			
Single point			
3542221            500 tons and under.....	Number		
3542222            501 tons and over.....	Number		
Two point			
3542224            500 tons and under.....	Number		
3542225            501 tons and over.....	Number		
Four point			
3542227            500 tons and under.....	Number		
3542228            501 tons and over.....	Number		
Double and triple action			
Single point			
3542231            500 tons and under.....	Number		
3542233            501 tons and over.....	Number		
Two and four point			
3542235            500 tons and under.....	Number		
3542237            501 to 1,000 tons.....	Number		
3542239            1,001 tons and over.....	Number		
High speed automatic type, with feed			
3542241            50 tons and under.....	Number		
3542243            51-200 tons.....	Number		
3542245            201 tons and over.....	Number		
Knuckle joint			
3542251            500 tons and under.....	Number		
3542253            501 tons and over.....	Number		
3542255            Horizontal.....	Number		
3542257            Gap or C-frame.....	Number		
3542259            Other mechanical presses (Specify kind and list each kind separately)	Number		
	Number		
Hydraulic and pneumatic presses (metalworking only)			
Vertical single action			
Housing or straight column type (4 piece frame)			
3542261            500 tons and under.....	Number		
3542262            501-1,500 tons.....	Number		
3542263            1,501 tons and over.....	Number		
Open rod type			
3542264            500 tons and under.....	Number		
3542265            501-1,500 tons.....	Number		
3542266            1,501 tons and over.....	Number		
Gap or C-frame type			
3542267            500 tons and under.....	Number		
3542269            501 tons and over.....	Number		
Vertical double action (2 slide) type			
3542271            500 tons and under.....	Number		
3542272            501 tons and over.....	Number		
Horizontal (except extrusion) type			
3542274            500 tons and under.....	Number		
3542275            501-1,500 tons.....	Number		
3542276            1,501 tons and over.....	Number		
3542277            Extrusion presses (all types).....	Number		
3542279            Other hydraulic presses (Specify kind and list each kind separately)	Number		
	Number		
	Number		
3542281    Manual (including arbor, straightening, forcing, and assembly).....	Number		

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3542 - METALWORKING MACHINERY, N.E.C. - MC-35F--Continued				
35423--	FORGING MACHINES (EXCEPT PRESSES)			
	Hammers			
	Steam or air			
3542311	Single frame (guided ram or rod).....	Number		
3542313	Double frame (guided ram or rod).....	Number		
3542315	Drop.....	Number		
3542317	Pneumatic (self-contained).....	Number		
3542319	Other (Specify kind and list each kind separately)			
	.....	Number		
	.....	Number		
	Mechanical			
3542321	Board drop.....	Number		
3542325	Other (Specify kind and list each kind separately)			
	.....	Number		
	.....	Number		
3542331	Headers and upsetters.....	Number		
3542341	Forging rolls.....	Number		
3542351	Swaging machines.....	Number		
3542361	Bulldozers.....	Number		
3542398	Other forging machinery (Specify kind and list each kind separately)			
	.....	Number		
	.....	Number		
35424--	PUNCHING AND SHEARING MACHINES			
3542411	Punching and shearing machines, manually driven.....	Number		
	Punching and shearing machines, power			
3542421	Punches (including combination punching and shearing machines).....	Number		
3542431	Plate shearing machines (squaring, slitting, etc.).....	Number		
3542441	Bar and angle shearing machines.....	Number		
3542451	Rotary shearing machines.....	Number		
3542498	Other punching and shearing machines (Specify kind and list each kind separately)			
	.....	Number		
	.....	Number		
35425--	BENDING AND FORMING MACHINES			
	Bending and Forming Machines, Power			
3542511	Bending rolls, sheet and plate.....	Number		
3542515	Bending rolls, angles, bars and shapes.....	Number		
3542521	Bending brakes and folders.....	Number		
3542525	Rotary bending and forming machines.....	Number		
3542531	Rotary head and ram bending machines (pipe, bar, etc).....	Number		
3542535	Other bending and forming machines (Specify kind and list each kind separately)			
	.....	Number		
	.....	Number		
	Bending and Forming Machines, Manually driven (hand or foot)			
3542541	Bending brakes and folders.....	Number		
3542545	Rotary bending and forming machines.....	Number		
3542551	Other manually driven bending and forming machines (Specify kind and list each kind separately)			
	.....	Number		
	.....	Number		

## MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

		(B)	(D)	(E)
INDUSTRY 3542 - METALWORKING MACHINERY, N.E.C. - MC-35F--Continued				
35426--	POWER DRIVEN HAND TOOLS, INCLUDING PARTS AND ATTACHMENTS Portable power-driven hand tools (power-driven hand tools which are controlled by hand and the position of which in operation need not be fixed) Electric (including high cycle)			
	Drills			
3542611	3/8-inch chuck size and smaller.....	No. of units		
3542613	1/2-inch chuck size.....	No. of units		
3542615	5/8-inch chuck size and larger.....	No. of units		
3542621	Saws (except chain saws).....	No. of units		
3542623	Disc sanders.....	No. of units		
3542625	Grinders.....	No. of units		
3542627	Hammers.....	No. of units		
3542629	Other electric power-driven hand tools (including screw drivers and nut runners, portable polishers, riveters, refacers, etc.) (Specify kind and list each kind separately)	No. of units		
	.....	No. of units		
	Pneumatic			
	Drills			
3542631	3/8-inch chuck size and smaller.....	No. of units		
3542633	1/2-inch chuck size.....	No. of units		
3542635	5/8-inch chuck size and larger.....	No. of units		
3542641	Saws (except chain saws).....	No. of units		
3542643	Disc sanders.....	No. of units		
3542645	Grinders.....	No. of units		
3542647	Hammers.....	No. of units		
3542649	Other pneumatic power-driven hand tools (including screw drivers and nut runners, portable polishers, riveters, refacers, etc.) (Specify kind and list each kind separately)	No. of units		
	.....	No. of units		
3542661	Powder-actuated hand tools.....	No. of units		
3542671	Parts, attachments, and accessories for power-driven hand tools (sold separately)	Dollars		
ACETYLENE WELDING AND CUTTING APPARATUS				
35427--	Welding and cutting apparatus acetylene.....	No. of units		
OTHER METALWORKING MACHINERY				
3542811	Riveting machines (except hand-held portable types).....	Number		
	Metal container-making machines			
3542821	Can.....	Number		
3542823	Barrel and drum.....	Number		
3542825	Other (Specify kind and list each kind separately)	Number		
	.....	Number		
3542831	Die casting machines.....	Number		
3542841	Machines for weaving wire and wire fabricating (barbed wire, poultry netting, wovenwire fence machines, etc.).....	Number		
3524851	Drawing machines and draw benches.....	Number		
3524861	Rebuilt metalworking machinery (except machine tools) (Specify kind and list each kind separately)	No. of units		
	.....	No. of units		
3524898	Other metalworking machinery (except machine tools) (Specify kind and list each kind separately)	No. of units		
	.....	No. of units		
PARTS FOR METALWORKING MACHINERY, SOLD SEPARATELY, EXCEPT PARTS AND ATTACHMENTS FOR POWER-DRIVEN HAND TOOLS				
3542911	Parts for metalworking machinery (except parts for power-driven hand tools and machine tools) (sold separately).....	Dollars		
INDUSTRY 3543 - MACHINE-TOOL ACCESSORIES, OTHER METALWORKING-MACHINERY ACCESSORIES, AND MACHINISTS' PRECISION TOOLS (SEE INDUSTRIES 3544 and 3545)				
INDUSTRY 3544 - SPECIAL DIES AND TOOLS, DIE SETS, JIGS, AND FIXTURES (PART OF FORMER INDUSTRY 3543) - MC-35F				
SPECIAL DIES AND TOOLS, DIE SETS, JIGS AND FIXTURES				
3544011	Jigs; fixtures; forming, stamping, and piercing punches and dies; die sets; subpresses; special checking fixtures; etc., and specially designed tools (billed to customers separately).....	Dollars		
3544031	Drop-forging dies.....	Dollars		
3544051	Die-casting dies.....	Dollars		



MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(D)	(E)
INDUSTRY 3545 - ATTACHMENTS AND ACCESSORIES FOR MACHINE TOOLS, AND METALWORKING MACHINERY, N.E.C. (PART OF FORMER INDUSTRY 3543) - MC-35F			
35451-- SMALL CUTTING TOOLS FOR MACHINE TOOLS AND METALWORKING MACHINERY			
Broaches			
3545111 High-speed steel.....	Dollars		
3545115 Carbide tipped.....	Dollars		
Drills			
3545121 Carbon steel.....	Dollars		
3545123 High-speed steel.....	Dollars		
3545125 Carbide tipped.....	Dollars		
Reamers			
3545131 Carbon steel.....	Dollars		
3545133 High-speed steel.....	Dollars		
3545135 Carbide tipped.....	Dollars		
Gear hobs			
3545141 Unground.....	Dollars		
3545145 Ground.....	Dollars		
Gear cutters, other than hobbing			
3545151 Carbon steel.....	Dollars		
3545153 High-speed steel.....	Dollars		
3545155 Carbide tipped.....	Dollars		
Milling cutters			
3545161 Multiple thread-milling cutters.....	Dollars		
3545162 Other form relieved cutters.....	Dollars		
3545163 Solid-end mills.....	Dollars		
Inserted blade cutters (including blades sold separately)			
3545164 High-speed steel.....	Dollars		
3545165 Carbide tipped.....	Dollars		
Other solid-milling cutters			
3545166 High-speed steel.....	Dollars		
3545167 Carbide tipped.....	Dollars		
Turning, planer, and shaper tools			
Form tools			
3545171 High-speed steel.....	Dollars		
3545173 Carbide tipped.....	Dollars		
Other turning, planer, and shaper tools			
3545175 High-speed steel.....	Dollars		
3545177 Carbide tipped.....	Dollars		
Threading tools and dies			
3545181 Ground-thread taps.....	Dollars		
3545182 Cut-thread taps (carbon steel).....	Dollars		
3545183 Cut-thread taps (high-speed steel).....	Dollars		
3545184 Dies.....	Dollars		
3545185 Chasers.....	Dollars		
3545186 Pipe-stocks, complete with dies.....	Dollars		
3545198 Other cutting tools for machine tools and metalworking machinery.....	Dollars		
35452-- PRECISION MEASURING TOOLS			
Machinists' precision tools			
3545211 Comparators.....	No. of units		
3545221 Gage blocks.....	No. of units		
3545231 Micrometers.....	No. of units		
3545241 Calipers and dividers.....	No. of units		
3545251 Gages.....	No. of units		
3545261 Dial indicators.....	No. of units		
3545298 Other machinists' precision tools (Specify kind and list each kind separately).....	Dollars		
.....	Dollars		
35453-- OTHER ATTACHMENTS AND ACCESSORIES FOR MACHINE TOOLS AND METALWORKING MACHINERY			
Chucks			
3545311 Drill.....	Dollars		
3545313 Lathe.....	Dollars		
3545315 Other chucks.....	Dollars		
3545321 Chuck-holding devices (feeding fingers, collets, sleeves, sockets, drill heads, etc.).....	Dollars		
3545331 Tools for screw and automatic machines (box tools, hollow drills, work and tool holders, etc.), except taps and dies.....	Dollars		
3545341 Other accessories and attachments for machine tools and metalworking machinery (except small cutting tools).....	Dollars		
3545351 Toolroom specialties (including levels, angle irons, plates, squares, sine bars, V-blocks, flats, vises, etc.) (Specify kind and list each kind separately).....	Dollars		
.....	Dollars		

## MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3551 - FOOD-PRODUCTS MACHINERY - MC-35G				
35511--	DAIRY AND MILK PRODUCTS PLANT MACHINERY AND EQUIPMENT			
	Bottling machinery for dairies			
3551111	Filling machinery.....	No. of units		
3551115	Other dairy bottling machinery (including washing and sterilizing, capping, labeling, etc.) (Specify kind)			
	.....	Dollars		
	.....	Dollars		
3551121	Cream separators, capacity over 1,500 pounds per hour.....	No. of units		
3551131	Clarifiers.....	No. of units		
	Pasteurizers			
3551141	Batch or vat-type.....	No. of units		
3551145	Continuous or plate-type.....	No. of units		
3551151	Homogenizers.....	No. of units		
3551161	Butter churns (except farm-type).....	No. of units		
	Ice cream freezers			
3551171	Batch processing.....	No. of units		
3551175	Continuous.....	No. of units		
3551181	Butter- and cheese-wrapping and packaging machines.....	No. of units		
3551198	Other dairy and milk products plant machinery and equipment (Specify kind)			
	.....	No. of units		
	.....	No. of units		
35512--	BAKERY MACHINERY AND EQUIPMENT			
3551211	Dough mixers.....	No. of units		
	Bake ovens			
3551231	Traveling tray.....	No. of units		
3551235	Other.....	No. of units		
3551251	Slicing machines <sup>1</sup> .....	No. of units		
3551271	Wrapping machines <sup>1</sup> .....	No. of units		
3551298	Other bakery machinery and equipment (Specify kind)			
	.....	No. of units		
	.....	No. of units		
35513--	BOTTLING MACHINERY, EXCEPT DAIRY			
3551311	Carbonators (beverage bottling).....	No. of units		
	Filling-capping machines			
3551321	48 bottles per minute and under.....	No. of units		
3551325	Over 48 bottles per minute.....	No. of units		
	Bottle washers			
3551331	48 bottles per minute and under.....	No. of units		
3551335	Over 48 bottles per minute.....	No. of units		
3551398	Other (Specify kind)			
	.....	No. of units		
	.....	No. of units		
35514--	OTHER INDUSTRIAL FOOD-PRODUCTS MACHINERY, INCLUDING PARTS AND ATTACHMENTS FOR ALL TYPES OF INDUSTRIAL FOOD PRODUCTS MACHINERY			
	(Except machines for use by institutions, hotels, restaurants, meat markets, butcher shops, food-products stores, and similar commercial organizations)			
3551411	Meat- and poultry-packing plant machinery and equipment (including dehairing, killing, stuffing, cooking, rendering, cutting, pressing, grinding, chopping, and canning machines, etc.).....	Dollars		
3551421	Fruit- and vegetable-canning and packing machinery (including slicers, graders, juice extractors, wrappers, pulpers, steaming, cooking, washing, filling, and sealing machines, etc.).....	Dollars		
3551431	Flour-mill and grain-mill machinery.....	Dollars		
3551441	Sugar-plant machinery (including cane and beet mills, crushers, pulverizers, crystalizers, granulators, etc.).....	Dollars		
3551451	Other industrial food-products machinery (Specify kind)			
	.....	No. of units		
	.....	No. of units		
3551481	Parts and attachments for industrial food-products machinery.....	Dollars		
35515--	COMMERCIAL FOOD-PRODUCTS MACHINERY, N.E.C., INCLUDING PARTS AND ATTACHMENTS (Including power-driven machines for use by hotels, restaurants, institutions, meat markets, butcher shops, food-products stores, and similar commercial organizations.)			
3551511	Slicers.....	No. of units		
3551521	Choppers, grinders, cutters, dicers, and similar machines.....	No. of units		
3551531	Tenderizers.....	No. of units		
3551551	Mixers and whippers (except drink mixers).....	No. of units		
3551581	Parts and attachments for commercial food-preparation machines.....	Dollars		
3551598	Other commercial food-preparation machines, power-driven (Specify kind)			
	.....	No. of units		
	.....	No. of units		

<sup>1</sup>For combination slicing and wrapping machines, the slicing and wrapping units should be reported separately.



MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3552 - TEXTILE MACHINERY - MC-35H				
35521--	TEXTILE MACHINERY			
	Fiber-to-fabric machinery (except parts, attachments, and accessories)			
	Cleaning and opening machinery			
3552111	Garnetting machines.....	No. of units		
3552113	Picker machines.....	No. of units		
3552115	Other (Specify kind) .....	No. of units		
	.....	No. of units		
	Carding machines			
3552121	For cotton.....	No. of units		
3552123	For wool.....	No. of units		
3552125	For other fibers.....	No. of units		
	Combing machines			
3552131	For cotton.....	No. of units		
3552133	For wool.....	No. of units		
	Drawing and roving frames			
3552135	Drawing and preparing.....	No. of units		
3552137	Roving.....	No. of units		
	Spinning and twisting frames			
	Spinning frames			
3552141	For wool.....	No. of frames		
3552143	For cotton.....	No. of frames		
3552145	For other fibers.....	No. of frames		
3552147	Twisting frames.....	No. of frames		
	Yarn preparing machines			
3552151	Winding machines (skein, spool, bobbin, quill, cone, etc.).....	No. of units		
3552153	Other yarn preparing machines (beaming, warping, slashing, etc.) (Specify kind) .....	Dollars		
	.....	Dollars		
3552155	Other fiber-to-fabric machinery (Specify kind) .....	No. of units		
	.....	No. of units		
	Fabric machinery (except parts, attachments, and accessories)			
	Power looms (including looms operating without shuttles)			
3552161	For carpets and rugs.....	No. of looms		
3552162	For wool.....	No. of looms		
3552163	For cotton.....	No. of looms		
3552165	For ribbon, tape, and webbing.....	No. of looms		
3552169	For all synthetic and other fabrics.....	No. of looms		
	Knitting machines			
	Hosiery			
3552171	Circular.....	No. of machines		
3552173	Full fashioned.....	No. of machines		
3552175	Other knitting machines.....	No. of machines		
3552181	Braiding machines.....	Number		
3552183	Other fabric machinery (including lace and embroidery) (Specify kind) .....	Number		
	.....	Number		
3552185	Bleaching, dyeing, and finishing machinery.....	Dollars		
3552187	Machinery for drying stock, yarn, cloth, etc.....	Dollars		
3552198	Textile-industries machinery, (except parts, attachments and accessories) n.e.c. (Specify kind) .....	Dollars		
	.....	Dollars		
35522--	PARTS AND ATTACHMENTS FOR TEXTILE MACHINERY			
	Textile industries machinery parts, attachments and accessories			
3552211	Textile machinery turnings and shapes (bobbins, shuttles, spools, picker sticks, etc.).....	Dollars		
	Parts, attachments, and accessories for fiber-to-fabric machinery			
	Card clothing			
3552221	For cotton.....	Sq. ft.		
3552225	For wool and other fibers.....	Sq. ft.		
3552231	Other parts, attachments, and accessories for fiber-to-fabric machinery, except card clothing.....	Dollars		
3552241	Parts, attachments, and accessories for power looms.....	Dollars		
3552251	Parts, attachments, and accessories for fabric machinery (except parts, attachments, and accessories for power looms).....	Dollars		
3552271	Parts, attachments, and accessories for bleaching, dyeing and finishing machinery.....	Dollars		
3552298	Textile-industries machinery parts, attachments, and accessories, n.e.c. (Specify kind) .....	Dollars		
	.....	Dollars		



## MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3552 - TEXTILE MACHINERY - MC-35H--Continued				
3552X--	ALTERNATE UNIT OF MEASURES FOR CERTAIN TEXTILE MACHINERY Fiber-to-fabric machinery, (except parts, attachments, and accessories) Spinning and twisting frames			
	Spinning frames			
3552X41	For wool.....	Total no. of spindles		
3552X43	For cotton.....	Total no. of spindles		
3552X45	For other fabrics.....	Total no. of spindles		
3552X47	Twisting frames.....	Total no. of spindles		
	Fabric machinery (except parts, attachments, and accessories)			
3552X65	Power looms (including looms operating without shuttles) for ribbon, tape, and webbing.....	Total no. of spaces		
	Knitting machines			
	Hosiery			
3552X71	Circular.....	Total no. of sections		
3552X73	Full fashioned.....	Total no. of sections		
3552X75	Other knitting machines.....	Total no. of sections		
INDUSTRY 3553 - WOODWORKING MACHINERY - MC-35F				
35531--	WOODWORKING MACHINERY (EXCEPT THAT DESIGNED PRIMARILY FOR HOME WORKSHOPS, GARAGES, AND SERVICE SHOPS)			
3553101	Sawmill equipment.....	Dollars		
3553111	Veneer and plywood-making machinery.....	Dollars		
3553121	Woodbox and crate-making machinery.....	Dollars		
3553131	Lathes.....	No. of units		
3553141	Planing machines.....	No. of units		
3553151	Surfacing machines (except hand-held).....	No. of units		
	Sawing machines (except sawmill equipment and chain saws)			
3553161	Circular type.....	No. of units		
3553165	Other (Specify kind and list each kind separately) .....	No. of units		
	.....	No. of units		
	.....	No. of units		
3553167	Chain saws.....	No. of units		
3553171	Jointers, matchers, molders, mortisers, shapers, and tenoners (except power-driven hand-held tools).....	No. of units		
3553181	Parts, attachments, and accessories for woodworking machinery (sold separately).....	Dollars		
3553198	Other woodworking machinery (except power-driven hand-held tools) (Specify kind and list each kind separately) .....	No. of units		
	.....	No. of units		
35532--	WOODWORKING MACHINERY (OR PRIMARILY WOODWORKING) DESIGNED PRIMARILY FOR HOME WORKSHOPS, GARAGES, AND SERVICE SHOPS (EXCLUDING POWER-DRIVEN HAND TOOLS)			
3553211	Lathes, woodworking.....	No. of units		
3553231	Drilling machines.....	No. of units		
3553241	Jointers, planers, and shapers.....	No. of units		
	Saws			
3553251	Circular saws.....	No. of units		
3553255	All other saws.....	No. of units		
3553281	Parts, attachments, and accessories for machine tools and woodworking machines designed primarily for home workshops, etc., sold separately (except parts for power-driven hand tools).....	Dollars		
3553298	Other machine tools and woodworking machines designed primarily for home workshops, etc. (except power-driven hand tools) (Specify kind) .....	No. of units		
	.....	No. of units		

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3554 - PAPER-INDUSTRIES MACHINERY - MC-35J				
35540--	PAPER-INDUSTRIES MACHINERY			
	Pulp- and paper-industries machinery (new)			
3554011	Wood preparation equipment (including barkers, chippers, knotters, splitters, chipscreens, etc.).....	Dollars		
	Pulp mill machinery			
3554021	Grinders.....	No. of units		
3554023	Digesters.....	No. of units		
3554025	Deckers, thickeners, wet lap machines, bleaching equipment, pulp screens, washers, and savealls.....	Dollars		
3554027	Recovery room equipment.....	Dollars		
	Paper mill machinery			
3554031	Beaters, jordans, and other stock preparation equipment.....	Dollars		
	Paper machines			
3554041	Fourdriners (including yankee machines).....	No. of units		
3554043	Cylinders.....	No. of units		
3554045	Calenders (including super-calenders).....	No. of units		
3554049	Other paper machinery (including forming machines and finishing machinery, but exclude calenders).....	Dollars		
	Paper and paperboard converting equipment			
3554051	Bagmaking machines (including shipping sack machines).....	No. of units		
3554052	Envelope making machines.....	No. of units		
3554053	Corrugated box machines.....	No. of units		
3554054	Box, carton, and shipping machines (except corrugated box machines).....	No. of units		
3554055	Drum, can, and tube machines.....	No. of units		
3554056	Toilet roll and napkin machines.....	No. of units		
	Rebuilt pulp- and paper-industries machinery			
3554071	Rebuilt paper machines (including fourdriners, yankees, cylinders, and forming machines).....	Dollars		
3554075	Other rebuilt pulp- and paper-industries machinery.....	Dollars		
3554081	Parts and attachments for pulp mill, paper mill, and paper converting machinery and equipment (sold separately).....	Dollars		
3554098	Other pulp mill, paper mill, and paper converting machinery and equipment (Specify kind)			
	.....	No. of units		
	.....	No. of units		

## MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3555 - PRINTING-TRADES MACHINERY - MC-35K				
35550--	PRINTING-TRADES MACHINERY AND EQUIPMENT			
	Presses			
	Letterpress (typographical, relief)			
	Sheet-fed			
3555011	Platen.....	No. of complete presses		
3555012	High-speed cylinder (job) up to and including 22" by 28" (including verticals).....	No. of complete presses		
	Cylinder presses over 22" by 28"			
3555013	Single color.....	No. of complete presses		
3555014	Two color (perfecting, and cutting and creasing).....	No. of complete presses		
3555015	Rotary letterpress (sheet-fed).....	No. of complete presses		
	Roll or web-fed			
3555016	Newspaper high-speed rotary.....	No. of complete presses		
3555017	Newspaper flat-bed and high-speed platen.....	No. of complete presses		
3555018	Rotary letterpress.....	No. of complete presses		
	Offset lithographic			
	Sheet-fed			
	Single color			
3555021	14" x 20" maximum sheet size and smaller.....	No. of complete presses		
3555023	Over 14" x 20" and up to and including 24" x 36".....	No. of complete presses		
3555025	Over 24" x 36".....	No. of complete presses		
3555027	Multicolor.....	No. of complete presses		
3555029	Web-fed.....	No. of complete presses		
	Gravure			
3555031	Sheet-fed.....	No. of complete presses		
3555035	Web-fed.....	No. of complete presses		
3555041	Other presses (including proof and rebuilt).....	No. of complete presses		
	Typesetting machinery and equipment			
3555051	Typesetting and typesetting machines.....	No. of units		
3555055	Matrices.....	Dollars		
3555059	Other typesetting equipment.....	Dollars		
3555061	Electrotyping machinery and equipment.....	Dollars		
3555063	Stereotyping machinery and equipment.....	Dollars		
3555065	Photoengraving and lithographing platemaking equipment (except cameras)	Dollars		
3555067	Bookbinding machinery and equipment (including cutting, folding, gathering, inserting, ruling, etc.).....	Dollars		
3555069	Engravers materials and equipment (including metal plates, wood blocks, lithographic stones, etc.).....	Dollars		
	Other printing machinery and equipment			
3555071	Ink rollers.....	No. of units		
3555073	Printers' rolls.....	Dollars		
3555075	Foundry type, rules, leads, slugs, borders, and ornaments.....	Dollars		
3555081	Parts, attachments, and accessories for printing-trades machinery and equipment (sold separately).....	Dollars		
3555098	Other printing machinery and equipment (Specify kind)			
	.....	Dollars		
	.....	Dollars		



MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3559 - SPECIAL INDUSTRY MACHINERY, N.E.C. - MC-35L				
35591--	CHEMICAL MANUFACTURING INDUSTRIES MACHINERY AND EQUIPMENT			
3559111	Chemical manufacturing industries machinery and equipment (Specify kind and unit of measure)			
.....				
35592--	FOUNDRY MACHINERY AND EQUIPMENT, EXCLUDING PATTERNS AND MOLDS			
3559211	Core-making machines.....	No. of units		
3559231	Molding machines.....	No. of units		
3559251	Blast cleaning equipment.....	Dollars	////	
3559298	Other foundry machinery (Specify kind and unit of measure)			
.....				
35593--	PLASTICS-WORKING MACHINERY AND EQUIPMENT EXCLUDING PATTERNS AND MOLDS			
3559311	Compression molding machines.....	No. of units		
3559331	Extrusion molding machines.....	No. of units		
3559351	Injection molding machines.....	No. of units		
3559398	Other plastics-working machinery and equipment (Specify kind and unit of measure)			
.....				
35594--	RUBBER-WORKING MACHINERY AND EQUIPMENT, EXCLUDING TIRE MOLDS		////	
3559411	Banbury and mill-mixing machinery and warming-up machinery.....	Dollars		
3559421	Calendering machines.....	No. of units		
3559431	Extruding machines.....	No. of units		
3559441	Vulcanizing presses.....	No. of units		
3559451	Tire-building equipment (except tire molds).....	Dollars	////	
3559498	Other rubber-working machinery (Specify kind and unit of measure)			
.....				
35595--	PETROLEUM REFINERY MACHINERY AND EQUIPMENT			
3559511	Petroleum refinery machinery and equipment (Specify kind and unit of measure)			
.....				
35596--	AMMUNITION AND EXPLOSIVES LOADING MACHINERY AND EQUIPMENT		////	
3559611	Ammunition and explosives loading machinery and equipment.....	Dollars		
.....				
35597--	OTHER SPECIAL-INDUSTRY MACHINERY AND EQUIPMENT			
Tobacco manufacturing machinery and equipment				
3559711	Cigarette-making machines.....	No. of units		
3559715	Cigar-making machines.....	No. of units		
3559719	Other tobacco manufacturing machinery and equipment (Specify kind and unit of measure)			
.....				
3559721	Clayworking machinery and equipment (brick, tile, and ceramics) (Specify kind and unit of measure)			
.....				
3559731	Cement-making machinery and equipment other than cement kilns (Specify kind and unit of measure)			
.....				
Concrete-products machinery and equipment				
3559741	Concrete-block machines.....	No. of units		
3559743	Concrete-pipe-making machines.....	No. of units		
3559745	Other concrete-products machinery and equipment (Specify kind and unit of measure)			
.....				
Glass-making machinery and equipment				
3559751	Bottle-forming machines.....	No. of units		
3559755	Other glass-making machinery and equipment except lehrs (Specify kind and unit of measure)			
.....				
Shoemaking and repairing machinery and equipment				
3559761	Sole stitching machines.....	No. of units		
3559765	Other shoemaking and repairing equipment (Specify kind and unit of measure)			
.....				
Cotton ginning machinery and equipment				
3559771 <sup>1</sup>	Cotton gins.....	No. of stands		
3559775 <sup>1</sup>	Other cotton ginning machinery and equipment (Specify kind and unit of measure)			
.....				
3559798	Other special industry machinery and equipment (including incandescent lampmaking, electron tube making, paint-making, stone-working, hatmaking, leather-working, jewelers, pharmaceutical, etc.) (Specify kind and unit of measure)			
.....				

<sup>1</sup>These items are shown on Forms MC-35C and MC-35L with codes 3522934 and 3522935. They should be assigned codes 3559771 and 3559775, respectively.

## MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3561 - PUMPS AND COMPRESSORS - MC-35M				
35611--	INDUSTRIAL PUMPS			
	Reciprocating pumps			
3561111	Direct-acting steam-driven.....	No. of units		
3561113	Power-operated, other than steam.....	No. of units		
3561121	Turbine pumps, vertical (including deep-well).....	No. of units		
	Centrifugal pumps			
3561131	1-1/2" discharge outlet and under.....	No. of units		
3561132	2" and 2-1/2" discharge outlet.....	No. of units		
3561133	3" discharge outlet.....	No. of units		
3561134	4" and 5" discharge outlet.....	No. of units		
3561135	6" and 7" discharge outlet.....	No. of units		
3561136	8" to and including 12" discharge outlet.....	No. of units		
3561139	Over 12" discharge outlet.....	No. of units		
	Rotary pumps			
	100 psi and under, designed pressure			
3561141	10 gallons per minute and under, designed capacity.....	No. of units		
3561143	11-25 gallons per minute, designed capacity.....	No. of units		
3561145	26-100 gallons per minute, designed capacity.....	No. of units		
3561147	Over 100 gallons per minute, designed capacity.....	No. of units		
	101 to and including 500 psi, designed pressure			
3561151	10 gallons per minute and under, designed capacity.....	No. of units		
3561153	11-25 gallons per minute, designed capacity.....	No. of units		
3561155	26-100 gallons per minute, designed capacity.....	No. of units		
3561157	Over 100 gallons per minute, designed capacity.....	No. of units		
	Over 500 psi, designed pressure			
3561161	10 gallons per minute and under, designed capacity.....	No. of units		
3561163	11-25 gallons per minute, designed capacity.....	No. of units		
3561165	26-100 gallons per minute, designed capacity.....	No. of units		
3561167	Over 100 gallons per minute, designed capacity.....	No. of units		
3561171	Vacuum pumps (except dry vacuum and laboratory).....	No. of units		
3561198	Other industrial pumps (Specify kind) .....	No. of units		
	.....	No. of units		
	.....	No. of units		
35612--	DOMESTIC WATER SYSTEMS AND PUMPS, INCLUDING PUMP JACKS AND CYLINDERS			
3561210	Domestic water systems (including water system pumps sold separately) (covers items on Census Form M31B).....	Dollars		
3561230	Domestic hand and windmill pumps (covers items on Census Form M31B).....	Dollars		
3561250	Cylinders for domestic water systems (sold separately) (covers items on Census Form M31B).....	Dollars		
3561270	Pump jacks for domestic water systems (sold separately) (covers items on Census Form M31B).....	Dollars		
35613--	AIR AND GAS COMPRESSORS, EXCEPT REFRIGERATION COMPRESSORS			
	Air compressors			
	Stationary (include automotive type)			
3561311	7-1/2 hp. and under.....	No. of units		
3561313	Over 7-1/2 hp. to and including 15 hp.....	No. of units		
3561315	Over 15 hp. to and including 100 hp.....	No. of units		
3561317	Over 100 hp. to and including 250 hp.....	No. of units		
3561319	Over 250 hp.....	No. of units		
	Portable			
3561331	150 cu. ft. of free air per minute and under.....	No. of units		
3561333	Over 150 to and including 400 cu. ft. free air per minute.....	No. of units		
3561335	Over 400 cu. ft. free air per minute.....	No. of units		
3561351	Gas compressors (except compressors for ice-making, refrigerating, and air conditioning units).....	No. of units		
35614--	INDUSTRIAL SPRAYING EQUIPMENT			
3561411	Paint-spraying outfits.....	No. of units		
3561431	Power sprayers for liquids (except agricultural).....	No. of units		
3561451	Hand sprayers (except agricultural and flame).....	No. of units		
35615--	PUMPS AND COMPRESSORS, N.E.C., INCLUDING OIL-WELL AND OIL-FIELD PUMPS, BUT EXCLUDING REFRIGERATION COMPRESSORS			
	Oil-well and oil-field pumps (except boiler-feed)			
3561511	Subsurface pumps for oil-well pumping.....	Dollars		
3561513	Slush pumps.....	No. of units		
3561515	Other oil-well and oil-field pumps (Specify kind) .....	No. of units		
	.....	No. of units		
	.....	No. of units		
3561531	Dry vacuum pumps.....	No. of units		
3561598	Other pumps, except automotive, and compressors (Specify kind) .....	No. of units		
	.....	No. of units		
	.....	No. of units		
35616--	PARTS AND ATTACHMENTS FOR PUMPS, COMPRESSORS, AND PUMPING EQUIPMENT			
3561611	Parts and attachments for pumps, air and gas compressors, and pumping equipment..	Dollars		



MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(C)	(D)	(E)
<b>INDUSTRY 3562 - ELEVATORS AND ESCALATORS - MC-35N</b>					
35620--	<b>ELEVATORS AND MOVING STAIRWAYS</b>				
	Elevators (except farm and portable)				
3562011	Electric passenger (except residence lifts).....	No. of units			
3562013	Electric freight.....	No. of units			
3562015	Hydraulic freight.....	No. of units			
3562031	Automobile lifts (service station and garage types).....	No. of units			
3562051	Moving stairways and escalators.....	No. of units			
3562098	Other elevators (including sidewalk elevators, dumb-waiters, man lifts, hand operated freight elevators, residence lifts, etc.) and parts and attachments for elevators and moving stairways (sold separately).....	Dollars			
<b>INDUSTRY 3563 - CONVEYORS - MC-35N</b>					
35631--	<b>OVERHEAD TRAVELING CRANES AND MONORAIL SYSTEMS</b>				
	Cranes (Except construction power cranes)				
3563111	Electric overhead traveling.....	No. of units			
3563115	Hand power overhead traveling.....	No. of units			
3563151	Monorail systems.....	No. of units			
35632--	<b>FARM ELEVATORS AND PARTS</b>				
	Portable				
3563211	Single chain.....	No. of units			
3563213	Double chain.....	No. of units			
3563215	Auger type.....	No. of units			
3563231	Stationary				
3563241	Other farm elevators (Specify kind) .....	No. of units			
	.....	No. of units			
3563251	Parts for farm elevators.....	Dollars			
3563271	Attachments for farm elevators.....	Dollars			
35633--	<b>CONVEYORS AND CONVEYING EQUIPMENT (EXCEPT HOISTS)</b>				
3563311	Gravity conveyors (skate wheel and roller).....	Dollars			
3563321	Power conveyors (except overhead trolley conveyor systems, pneumatic tube systems, and portable conveyors).....	Dollars			
3563331	Overhead trolley conveyor systems.....	Dollars			
3563341	Pneumatic tube systems (including foot-power units).....	Dollars			
3563351	Portable conveyors (except farm).....	Dollars			
3563361	Underground mine conveyors and conveying systems.....	Dollars			
3563398	Other conveyors and conveying systems (including specially engineered conveyor installations).....	Dollars			
35634--	<b>PARTS, ATTACHMENTS AND ACCESSORIES FOR CONVEYORS AND CONVEYING SYSTEMS, SOLD SEPARATELY</b>				
3563411	Parts, attachments, and accessories for conveyors and systems (sold separately).....	Dollars			
<b>INDUSTRY 3564 - BLOWERS AND FANS - MC-34E</b>					
35640--	<b>BLOWERS AND FANS, INDUSTRIAL</b>				
3564011	Blowers, exhaust and ventilating fans (covers items on 1954 Census Quarterly Form M31E).....	Dollars			
3564031	Air washers (covers items on 1954 Census Quarterly Form M31E).....	Dollars			
3564051	Dust collection and other air purification equipment.....	Dollars			



## MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3565 - INDUSTRIAL TRUCKS AND TRACTORS - MC-35N				
35650--	INDUSTRIAL TRUCKS, TRACTORS, TRAILERS, AND STACKERS			
	Powered trucks and tractors			
3565011	Trucks (operator walking).....	No. of units		
	Trucks (operator riding) and tractors			
	Electric (storage battery and gasoline-powered)			
3565021	For trucks.....	No. of units		
3565023	Trucks (except fork).....	No. of units		
3565025	Tractors.....	No. of units		
	Gasoline			
3565031	Fork trucks.....	No. of units		
3565033	Trucks (except fork).....	No. of units		
3565035	Tractors.....	No. of units		
3565041	All other trucks (operator riding) and tractors (including diesel, compressed-air powered, etc; specify type of power and type of truck or tractor).....	No. of units		
3565051	Portable elevators (stackers).....	No. of units		
	Hand trucks and trailers (including dollies and platform trucks)			
3565061	Hand lift.....	No. of units		
3565065	Other hand trucks and trailers (including two wheel, four wheels, dollies, and platform trucks).....	Dollars		
3565071	Metal pallets and skids.....	No. of units		
3565081	Parts and attachments and miscellaneous equipment (sold separately).....	Dollars		
INDUSTRY 3566 - POWER-TRANSMISSION EQUIPMENT - MC-35P				
35661--	PLAIN BEARINGS			
	Bearings, unmounted			
3566111	Automobile, truck and bus type.....	M units		
3566115	Other.....	M units		
3566151	Mounted bearings, plain.....	M units		
35662--	SPEED CHANGERS, GEARS AND INDUSTRIAL HIGH SPEED DRIVES			
	Mechanical power-transmission equipment (except automobile, truck, and bus)			
3566211	Variable ratio speed drives.....	No. of units		
3566221	Industrial high speed drives, fixed ratio.....	No. of units		
	Speed reducers, fixed ratio (enclosed)			
3566231	Worm gears.....	No. of units		
3566233	Gearmotors (reducer element only).....	No. of units		
3566235	Other.....	No. of units		
	Gears, pinions, and racks, unmounted			
3566241	Fine pitch (20 pitch and finer).....	Dollars		
	Other than fine pitch (less than 20 pitch)			
3566243	Railway type gears.....	Dollars		
3566245	Aircraft engine gears.....	Dollars		
3566247	Other gears, pinions and racks (less than 20 pitch).....	Dollars		
35663--	OTHER MECHANICAL POWER-TRANSMISSION EQUIPMENT			
	Clutches (except automobile)			
3566311	Friction type.....	No. of units		
3566313	Hydraulic type (including hydraulic couplings).....	No. of units		
3566315	Other.....	No. of units		
	Couplings (except hydraulic)			
3566321	Rigid type.....	No. of units		
3566323	Flexible type.....	No. of units		
3566325	Universal joints.....	No. of units		
3566331	Chains for sprocket drives.....	Dollars		
3566341	Sprockets.....	Dollars		
3566351	Pulleys.....	No. of units		
	Sheaves			
3566361	Single drive.....	No. of units		
3566365	Multiple drive.....	No. of units		
3566398	Other mechanical power-transmission equipment (except automobile, truck, and bus) (Specify kind) .....	Dollars		
	.....	Dollars		

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 3567 - INDUSTRIAL FURNACES AND OVENS - MC-35Q</b>				
35671--	<b>ELECTRIC INDUSTRIAL FURNACES AND OVENS</b>			
3567111	Metal melting furnaces, electric.....	No. of units		
3567121	Metal processing and heat treating furnaces (include porcelain enameling furnaces) electric.....	No. of units		
3567131	Nonmetallic furnaces and kilns, electric.....	No. of units		
	Ovens, industrial (except lehrs)			
3567141	Electric (except infrared).....	No. of units		
3567145	Infrared.....	No. of units		
3567151	Lehrs, electric.....	No. of units		
35672--	<b>FUEL-FIRED INDUSTRIAL FURNACES AND OVENS</b>			
3567211	Metal melting furnaces, fuel fired.....	No. of units		
3567221	Metal processing and heat treating furnaces (include porcelain enameling furnaces) fuel fired.....	No. of units		
3567231	Non-metallic furnaces and kilns, fuel fired.....	No. of units		
3567241	Ovens, industrial (except lehrs) fuel fired.....	No. of units		
3567251	Lehrs, fuel fired.....	No. of units		
35673--	<b>PARTS AND ATTACHMENTS FOR INDUSTRIAL FURNACES AND OVENS</b>			
3567311	Parts, attachments, and components for industrial furnaces and ovens (sold separately) including electric heating units.....	Dollars		
<b>INDUSTRY 3568 - MECHANICAL STOKERS - MC-34E</b>				
35680--	<b>MECHANICAL STOKERS</b>			
3568011	Capacity under 61 pounds (class I).....	No. of units		
3568021	Capacity 61 to 100 pounds (class II).....	No. of units		
3568031	Capacity 101 to 300 pounds (class III).....	No. of units		
3568041	Capacity 301 to 1,200 pounds (class IV).....	No. of units		
3568051	Capacity 1,201 pounds and over (class V).....	No. of units		
3568081	Parts, attachments, and accessories for mechanical stokers (sold separately).....	Dollars		
<b>INDUSTRY 3569 - GENERAL INDUSTRIAL MACHINERY, N.E.C. - MC-35L</b>				
35691--	<b>HEAT EXCHANGERS AND STEAM CONDENSERS</b>			
	Heat exchangers, closed types, industrial			
3569111	Bare tube.....	Dollars		
3569115	Fin tube.....	Dollars		
3569151	Steam condensers.....	Dollars		
35692--	<b>FILTERS AND STRAINERS FOR INTERNAL COMBUSTION ENGINES AND FOR INDUSTRIAL USES</b>			
	For use on internal combustion engines			
3569211	Air.....	M units		
3569213	Liquid.....	M units		
3569215	Compressed gases.....	M units		
	For industrial uses			
3569251	Air.....	M units		
3569253	Liquid.....	M units		
3569255	Compressed gases.....	M units		
35693--	<b>GENERAL INDUSTRIAL MACHINERY, N.E.C.</b>			
3569311	Hydraulic jacks.....	No. of units		
3569331	Packaging and wrapping machines (except food and tobacco).....	Dollars		
3569351	Centrifugals and separators (except cream).....	Dollars		
3569371	Gas generating equipment.....	Dollars		

## MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 3571 - COMPUTING AND RELATED MACHINES - MC-35R</b>				
35710--	COMPUTING AND ACCOUNTING MACHINES INCLUDING CASH REGISTERS			
3571011	Accounting and bookkeeping machines (including billing machines with accounting registers).....	No. of units		
3571015	Punched card system machines.....	Dollars	////	
	Adding machines			
	Electric			
3571021	Full keyboard.....	No. of units		
3571023	10-key keyboard.....	No. of units		
	Nonelectric			
3571025	Full keyboard.....	No. of units		
3571027	10-key keyboard.....	No. of units		
	Calculating machines			
3571031	Rotary hand.....	No. of units		
3571033	Rotary electric.....	No. of units		
3571035	Key driven hand.....	No. of units		
3571037	Key driven electric.....	No. of units		
3571039	Printing calculator.....	No. of units		
3571041	Electronic computing machines.....	Dollars	////	
3571051	Coin and currency handling machines (including manual and coin-operated changemakers, coin counting, sorting, currency counting, and pay roll denominating).....	Dollars	////	
3571055	Cash registers.....	No. of units		
3571061	Counters and counting devices (Specify kind)			
	.....	No. of units		
	.....	No. of units		
3571065	Other machines with computing mechanisms (Specify kind)			
	.....	No. of units		
	.....	No. of units		
3571071	Vest pocket and other simple adding or calculating devices.....	Dollars	////	
3571081	Parts and attachments for computing and accounting machines, including cash registers (sold separately).....	Dollars	////	
3571085	Rebuilt computing and accounting machines including cash registers.....	Dollars	////	
<b>INDUSTRY 3572 - TYPEWRITERS - MC-35R</b>				
35720--	TYPEWRITERS			
	Standard (include noiseless)			
	Non-portable			
3572011	Electric.....	No. of units		
3572013	Nonelectric.....	No. of units		
3572015	Portable.....	No. of units		
3572031	Specialized typewriters and typewriter principle machines (including continuous form handling machines, billing machines without accounting registers, office composing machines, and stencil-cutting typewriters).....	No. of units		
3572051	Parts and attachments for typewriters (sold separately).....	Dollars	////	
3572071	Rebuilt typewriters.....	No. of units		
<b>INDUSTRY 3575 - VENDING, AMUSEMENT, AND OTHER COIN OPERATED MACHINES - MC-35R</b>				
35721--	AUTOMATIC MERCHANDISING MACHINES, EXCEPT REFRIGERATED			
	Food and confection (non-refrigerated)			
3572111	Bulk machines.....	No. of units		
3572115	Packaged food and confection machines.....	No. of units		
3572121	Cigarette machines.....	No. of units		
3572131	Coffee machines.....	No. of units		
3572198	Other non-refrigerated automatic merchandising machines (including cigar, postage stamp, sanitary napkin, service machines, etc.) (Specify kind)			
	.....	No. of units		
	.....	No. of units		
35752--	COIN OPERATED AMUSEMENT MACHINES AND COIN OPERATED MECHANISMS (FOR SALE SEPARATELY)			
	Coin-operated amusement machines (except phonographs)			
3575211	Pin ball machines.....	No. of units		
3575213	Bell type machines and consoles.....	No. of units		
3575251	Coin-operated mechanisms (for sale separately).....	No. of units		
3575298	Other amusement machines (including strength testing skill games and other arcade pieces) (Specify kind)			
	.....	No. of units		
	.....	No. of units		



MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 3576 - SCALES AND BALANCES - MC-35R</b>				
35760--	<b>SCALES AND BALANCES</b>			
	Scales and balances (except laboratory)			
3576011	Railroad track and motor truck scales.....	No. of units		
	Industrial scales			
3576021	Bench and portable.....	No. of units		
3576023	Built-in scales (including floor and dormant).....	No. of units		
3576025	Predetermined-weight scales.....	No. of units		
3576027	Automatic weighing and filling.....	No. of units		
3576029	Miscellaneous industrial scales (including special purpose, crane, suspension, tank, and hopper scales).....	Dollars		
	Retail and commercial scales			
3576031	Computing.....	No. of units		
3576035	Miscellaneous (including non-computing counter, cotton beans and steel-yards, egg grading scales, and hanging scales for retail use).....	Dollars		
	Household and person weighing scales			
3576041	Bathroom.....	No. of units		
3576043	Person-weighing scales, coin-operated and free weighing (except baby scales)..	No. of units		
3576045	Baby scales.....	No. of units		
3576049	Miscellaneous (kitchen, etc.).....	Dollars		
3576051	Mailing and parcel post scales.....	No. of units		
3576061	Accessories and attachments (sold separately).....	Dollars		
3576071	Laboratory precision balances (including accessories and attachments).....	Dollars		
3576081	Parts for scales and balances (for repair, service, etc.).....	Dollars		
<b>INDUSTRY 3579 - OFFICE AND STORE MACHINES, N.E.C. - MC-35R</b>				
35790--	<b>OFFICE AND STORE MACHINES, N.E.C.</b>			
3579011	Addressing and plate embossing machines.....	Dollars		
3579013	Check handling machines (including cancelling, cutting, dating, endorsing, numbering, protecting, signing, sorting and writing machines).....	Dollars		
3579015	Dictating machines (including dictating, transcribing, shaving, conference recording, and combination dictating and telephone recording machines, but excluding wire and tape recorders).....	Dollars		
	Duplicating machines			
3579021	Spirit hand electric.....	No. of units		
3579022	Stencil hand electric.....	No. of units		
3579023	Hand.....	No. of units		
3579024	Electric.....	No. of units		
3579025	Gelatin.....	No. of units		
3579027	Offset lithographic, 14"x20" and smaller.....	No. of complete presses		
3579029	Other (including ribbon, ink, and reproducing typewriters) (Specify kind)	No. of units		
	.....	No. of units		
3579031	Time recording and time stamping machine (including watchmen's clocks).....	Dollars		
3579033	Autographic registers.....	No. of units		
3579035	Postage meters and postal permit mailing machines.....	Dollars		
3579041	Parts and attachments for office machines and devices (sold separately).....	Dollars		
3579045	Parts and attachments for store machines and devices (sold separately).....	Dollars		
3579051	Rebuilt office and store machines and devices.....	Dollars		
3579081	Other office machines and devices (Specify kind)	Dollars		
	.....	Dollars		
3579085	Other store machines and devices (Specify kind)	Dollars		
	.....	Dollars		

NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(C)	(D)	(E)
<b>INDUSTRY 3581 - DOMESTIC LAUNDRY EQUIPMENT - MC-35S</b>					
35811--	HOUSEHOLD MECHANICAL WASHING MACHINES Washing machines, mechanical (include those with dishwasher attachments)				
3581111	Small size.....	No. of units			
	Standard size, electrically driven				
3581131	Full automatic.....	No. of units			
3581133	Semi-automatic.....	No. of units			
3581135	Non-automatic, wringer type.....	No. of units			
3581137	Non-automatic, spinner type.....	No. of units			
3581151	Standard size, gasoline driven.....	No. of units			
35812--	OTHER HOUSEHOLD LAUNDRY EQUIPMENT				
	Driers, mechanical				
3581211	Gas.....	No. of units			
3581215	Electric.....	No. of units			
	Ironers, mechanical				
3581231	Table (including cabinet models).....	No. of units			
3581235	Portable.....	No. of units			
3581251	Wringers for power washing machines (sold separately).....	No. of units			
3581298	Other household laundry equipment (Specify kind) ..... .....	No. of units No. of units			
35813--	PARTS, ACCESSORIES, AND ATTACHMENTS FOR HOUSEHOLD LAUNDRY EQUIPMENT, SOLD SEPARATELY				
3581311	Parts, accessories and attachments for household laundry equipment (Specify kind) ..... .....	Dollars Dollars			
<b>INDUSTRY 3582 - LAUNDRY AND DRY-CLEANING MACHINERY - MC-35S</b>					
35820--	COMMERCIAL LAUNDRY, DRY CLEANING, AND PRESSING MACHINERY Commercial laundry equipment and laundry presses				
3582011	Washers.....	No. of units			
3582012	Extractors.....	No. of units			
3582013	Drying tumblers.....	No. of units			
3582014	Ironers, flatwork.....	No. of units			
3582015	Presses, laundry.....	No. of units			
3582019	Other commercial laundry equipment and parts, accessories, and attachments (including combination washers and extractors) (Specify kind) ..... .....	Dollars Dollars			
	Dry cleaning equipment and clothing presses				
	Dry cleaning units				
3582031	Synthetic type.....	No. of units			
3582035	Naphtha or petroleum type.....	No. of units			
3582051	Washers.....	No. of units			
3582053	Extractors.....	No. of units			
3582055	Drying tumblers.....	No. of units			
3582057	Dry cleaning (tailor type) presses.....	No. of units			
3582081	Other dry cleaning equipment and parts, accessories, and attachments (including stills, filters, and combination washers and extractors) (Specify kind) ..... .....	Dollars Dollars			
<b>INDUSTRY 3583 - SEWING MACHINES - MC-35S</b>					
35831--	HOUSEHOLD SEWING MACHINES (INCLUDING HEADS FOR SALE WITH CABINETS OR CASES, AND HEADS FOR SALE SEPARATELY)				
3583111	Electric cabinet.....	No. of heads			
3583131	Electric portable.....	No. of heads			
3583151	Other.....	No. of heads			
35832--	INDUSTRIAL SEWING MACHINES (EXCEPT SHOE-STITCHING MACHINES)				
3583211	Industrial sewing machines (except shoe sole stitching machines which are classified in Industry 3559).....	No. of heads			
35833--	PARTS AND ATTACHMENTS FOR SEWING MACHINES, EXCEPT CASES AND CABINETS				
3583311	Sewing machine parts and attachments for household and industrial sewing machines (except cases and cabinets) (Specify kind) ..... .....	Dollars Dollars			

MADJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(C)	(D)	(E)
<b>INDUSTRY 3584 - VACUUM CLEANERS - MC-35S</b>					
35841--	HOUSEHOLD VACUUM CLEANERS, INCLUDING ATTACHMENTS AND CLEANING TOOLS AND PARTS				
3584111	Hand type.....	No. of vacuum cleaners			
3584131	Other types (upright, tank, canister, and other general purpose household types).	No. of vacuum cleaners			
3584151	Attachments or cleaning tools.....	Dollars			
3584171	Parts for household type vacuum cleaners.....	Dollars			
35842--	COMMERCIAL AND INDUSTRIAL VACUUM CLEANERS, INCLUDING ATTACHMENTS AND PARTS				
3584211	Portable.....	No. of vacuum cleaners			
3584231	Central system.....	No. of vacuum systems			
3584251	Attachments for commercial and industrial vacuum cleaners.....	Dollars			
3584271	Parts for commercial and industrial vacuum cleaners.....	Dollars			
<b>INDUSTRY 3585 - REFRIGERATION MACHINERY - MC-35T</b>					
35851--	HOUSEHOLD REFRIGERATORS, INCLUDING ELECTRIC AND GAS Household mechanical refrigerators				
	Complete units				
3585111	5.4 cu. ft. and under.....	No. of units			
3585112	5.5-6.4 cu. ft.....	No. of units			
3585113	6.5-7.4 cu. ft.....	No. of units			
3585114	7.5-8.4 cu. ft.....	No. of units			
3585115	8.5-9.4 cu. ft.....	No. of units			
3585116	9.5-10.4 cu. ft.....	No. of units			
3585117	10.5-11.4 cu. ft.....	No. of units			
3585119	11.5 cu. ft. and over.....	No. of units			
3585131	Range-refrigerator combinations.....	No. of units			
3585141	Cabinets for household mechanical refrigerators (sold separately).....	No. of units			
3585151	Household ice refrigerators.....	No. of units			
35852--	HOME AND FARM FREEZERS				
	Home and farm freezers, complete units (for freezing food, storing frozen food, or both purposes)				
3585211	4.4 cu. ft. and under.....	No. of units			
3585212	4.5-6.4 cu. ft.....	No. of units			
3585213	6.5-8.4 cu. ft.....	No. of units			
3585214	8.5-12.4 cu. ft.....	No. of units			
3585215	12.5-16.4 cu. ft.....	No. of units			
3585216	16.5-20.4 cu. ft.....	No. of units			
3585219	20.5 cu. ft. and over.....	No. of units			
3585251	Cabinets for home and farm freezers (sold separately).....	No. of units			



## MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(C)	(D)	(E)
<b>INDUSTRY 3585 - REFRIGERATION MACHINERY - MC-35T--Continued</b>					
<b>UNITARY COMMERCIAL REFRIGERATION EQUIPMENT</b>					
Mechanical units (including (a) self-contained units, (b) remote unit with or without condensing units, and (c) cabinets. Excluding cabinets shipped to other manufacturers of commercial refrigeration equipment. These cabinets should be reported below.)					
Reach-in refrigerators (except dairy refrigerators and wall boxes, and florists' cabinets)					
3585311	25 cu. ft. and under.....	No. of units			
3585315	26-40 cu. ft.....	No. of units			
3585315	41-50 cu. ft.....	No. of units			
3585319	61 cu. ft. and over.....	No. of units			
Display cases for meat, dairy products, fish and vegetables (except frozen food)					
Closes:					
3585321	Top or single-duty.....	No. of units			
3585323	Double-duty.....	No. of units			
3585325	Full-visor.....	No. of units			
Open or self-service					
3585327	Single-duty.....	No. of units			
3585329	Double-duty.....	No. of units			
Low temperature freezing and dispensing equipment					
3585331	Frozen food storage, dispensing and display cabinets, other than coin-operated.....	No. of units			
3585333	Ice cream counter freezers (including frozen-custard machines).....	No. of units			
3585335	Ice cream hardening cabinets.....	No. of units			
3585337	Ice cream dispensing cabinets, other than coin-operated.....	No. of units			
Mechanical drinking water coolers					
3585341	Pressure type.....	No. of units			
3585345	Bottle type.....	No. of units			
Mechanical beverage-cooling and dispensing equipment					
Bottled beverage coolers, other than coin-operated					
3585351	Dry type.....	No. of units			
3585355	Wet type.....	No. of units			
3585357	Bulk beverage dispensers (including malt dispensers and precooler cabinets, other than coin-operated).....	No. of units			
3585361	Walk-in coolers.....	No. of units			
3585363	Dairy refrigerators and wall boxes.....	No. of units			
3585365	Other commercial mechanical refrigeration units (excluding farm and dairy milk coolers; including florists' cabinets, dough retarders, egg refrigeration cases, low temperature laboratory and industrial equipment, mortuary refrigerators, etc.) (Specify kind).....	Dollars			
		Dollars			
3585367	Cabinets (for mechanical units) shipped to other manufactures of commercial refrigeration equipment.....	No. of units			
Farm and dairy milk coolers					
Immersion type (mechanically refrigerated)					
3585371	5 cans and under.....	No. of units			
3585373	6 cans and over.....	No. of units			
Nonmechanical units					
3585381	Nonmechanical bottled beverage and water coolers.....	No. of units			
3585385	Other nonmechanical units (Specify kind).....	No. of units			
		No. of units			

NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	B	C	D	Number of compressor bodies manufactured during 1954
<b>INDUSTRY 3585 - REFRIGERATION MACHINERY - MC-35T--Continued</b>				
<b>35854-- COMPRESSORS AND COMPRESSOR UNITS</b>				
For all refrigerants except ammonia)				
For household refrigerators				
3585411	Number			
3585413	Number			
3585415	Number			
Except for household refrigerators				
3585421	Number			
3585422	Number			
3585423	Number			
3585424	Number			
3585425	Number			
3585426	Number			
3585427	Number			
3585428	Number			
3585429	Number			
3585431	Number			
3585432	Number			
3585433	Number			
3585434	Number			
3585435	Number			
3585436	Number			
3585437	Number			
3585438	Number			
3585439	Number			
3585441	Number			
3585442	Number			
3585443	Number			
3585444	Number			
Ammonia refrigerant				
3585451	Number			
3585452	Number			
3585453	Number			
3585454	Number			
3585455	Number			
3585456	Number			
3585457	Number			
3585458	Number			
3585459	Number			
3585461	Number			
3585462	Number			
3585463	Number			
3585464	Number			
3585465	Number			
3585466	Number			
3585467	Number			
Centrifugal refrigeration systems				
For water and brine chilling				
3585471	Number			
3585472	Number			
3585473	Number			
3585474	Number			
3585475	Number			
3585479	Number			

## NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3585 - REFRIGERATION MACHINERY - MC-35T--Continued				
35855--	CONDENSING UNITS			
	For all refrigerants (except ammonia)			
	Air cooled			
	Open type			
	For household refrigerators			
3585511	1/8 hp. and under.....	Number		
3585512	1/6 hp.....	Number		
3585513	1/5 hp.....	Number		
	Except for household refrigerators.....	Number		
3585515	1/5 hp. and under.....	Number		
3585516	1/4 hp.....	Number		
3585517	1/3 hp.....	Number		
3585518	1/2 hp.....	Number		
3585519	3/4 hp.....	Number		
3585521	1 hp.....	Number		
3585522	1-1/2 hp.....	Number		
3585523	2 hp.....	Number		
3585524	3 hp.....	Number		
3585525	5 hp.....	Number		
	Hermetic			
3585527	1/5 hp. and under for household refrigerators.....	Number		
3585528	1/5 hp. and under (except units for household refrigerators).....	Number		
3585529	1/4 hp.....	Number		
3585530	1/3 hp.....	Number		
3585531	1/2 hp.....	Number		
3585532	3/4 hp.....	Number		
3585533	1 hp.....	Number		
3585534	Over 1 hp.....	Number		
	Water cooled, 7-1/2 hp. and under			
	Open type			
3585536	1/3 hp. and under for household refrigerators.....	Number		
3585537	1/3 hp. and under (except units for household refrigerators).....	Number		
3585538	1/2 hp.....	Number		
3585539	3/4 hp.....	Number		
3585541	1 hp.....	Number		
3585542	1-1/2 hp.....	Number		
3585543	2 hp.....	Number		
3585544	3 hp.....	Number		
3585545	5 hp.....	Number		
3585546	7-1/2 hp.....	Number		
	Hermetic type			
3585548	1/3 hp. and under for household refrigeration.....	Number		
3585549	1/3 hp. and under (except units for household refrigerators).....	Number		
3585550	1/2 hp.....	Number		
3585551	3/4 hp.....	Number		
3585552	1 hp.....	Number		
3585553	1-1/2 hp.....	Number		
3585554	2 hp.....	Number		
3585555	3 hp.....	Number		
3585556	5 hp.....	Number		
3585557	7-1/2 hp.....	Number		
	Water cooled, over 7-1/2 hp.			
	Open and hermetic types			
3585559	10 hp.....	Number		
3585560	15 hp.....	Number		
3585561	20 hp.....	Number		
3585562	25 hp.....	Number		
3585563	30 hp.....	Number		
3585564	40 hp.....	Number		
3585565	50 hp.....	Number		
3585566	60 hp.....	Number		
3585567	75 hp.....	Number		
3585568	Over 75 hp.....	Number		
	Ammonia refrigerant			
3585571	5 hp. and under.....	Number		
3585572	7-1/2 hp.....	Number		
3585573	10 hp.....	Number		
3585574	15 hp.....	Number		
3585575	20 hp.....	Number		
3585576	25 hp.....	Number		
3585577	Over 25 hp.....	Number		



MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(C)	(D)	(E)
INDUSTRY 3585 - REFRIGERATION MACHINERY - MC-35T-- Continued				
35856-- AUTOMATIC MERCHANDISING MACHINES, REFRIGERATED				
Low temperature freezing and dispensing equipment				
3585611    Frozen food storage, dispensing and display cabinets, coin-operated.....	No. of units			
3585631    Ice cream dispensing cabinets, coin-operated.....	No. of units			
Mechanical beverage-cooling and dispensing equipment				
3585651    Bottled beverage coolers, coin-operated.....	No. of units			
3585671    Bulk beverage dispensers (including malt dispensers and precooler cabinets) coin-operated.....	No. of units			
35857-- OTHER REFRIGERATION MACHINERY AND AIR-CONDITIONING EQUIPMENT				
Packaged air-conditioning equipment				
Self-contained air-conditioners				
1-1/2 hp. and under (room air-conditioners)				
Window-sill type				
3585701                    1/3 hp.....	Number			
3585702                    1/2 hp.....	Number			
3585703                    3/4 hp.....	Number			
3585704                    1 hp.....	Number			
3585705                    Over 1 hp. - 1-1/2 hp.....	Number			
Other than window-sill type (except units for year-round air-conditioning systems)				
3585707                    Under 1 hp.....	Number			
3585708                    1 hp.....	Number			
3585709                    1-1/2 hp.....	Number			
2 tons and over (excluding units intended for residential use)				
3585711                    2 tons.....	Number			
3585712                    3 tons.....	Number			
3585713                    5 tons.....	Number			
3585714                    7-1/2 tons.....	Number			
3585715                    10 tons.....	Number			
3585716                    15 tons.....	Number			
3585717                    20 tons.....	Number			
3585718                    Over 20 tons.....	Number			
Year-round air conditioners, self-contained				
3585721                    Except heat pumps (complete with furnace).....	Number			
3585722                    Heat pumps (except room air conditioners).....	Number			
3585723                    Residential-type self-contained air-conditioners.....	Number			
3585724                    Refrigeration chassis for air-conditioning.....	Number			
3585725                    Packaged liquid coolers.....	Number			
3585726                    Absorption and adsorption systems and equipment.....	Number			
Ice making machines				
3585727                    Packaged (self-contained).....	Number			
3585728                    All others (not self-contained).....	Number			
3585729                    Mechanical dehumidifiers, refrigerated-type (self-contained).....	Number			
Heat exchanger equipment				
Evaporative condensers				
3585731                    5 tons and under.....	Number			
3585732                    5.1 to 7.5 tons.....	Number			
3585733                    7.6 to 10 tons.....	Number			
3585734                    10.1 to 15 tons.....	Number			
3585735                    15.1 to 20 tons.....	Number			
3585736                    20.1 to 30 tons.....	Number			
3585737                    30.1 to 50 tons.....	Number			
3585738                    50.1 to 100 tons.....	Number			
3585739                    Over 100 tons.....	Number			

NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 3585 - REFRIGERATION MACHINERY - MC-35T--Continued</b>			
<b>35857-- OTHER REFRIGERATION MACHINERY AND AIR-CONDITIONING EQUIPMENT--Continued</b>			
Air-conditioning units, not self-contained			
Suitable for location below the window			
3585741 Motor-driven fan type.....	Number		
3585742 Induced-air type.....	Number		
All other			
3585743 3 tons and under.....	Number		
3585744 3.1 to 5 tons.....	Number		
3585745 5.1 to 10 tons.....	Number		
3585746 10.1 to 25 tons.....	Number		
3585747 25.1 to 50 tons.....	Number		
3585748 Over 50 tons.....	Number		
Unit coolers (refrigeration)			
Ceiling and wall mounted types			
3585751 1,000 BTU/HR. and under.....	Number		
3585752 1,001 to 2,000 BTU/HR.....	Number		
3585753 2,001 to 4,000 BTU/HR.....	Number		
3585754 4,001 to 6,000 BTU/HR.....	Number		
3585755 6,001 to 8,000 BTU/HR.....	Number		
3585756 8,001 to 12,000 BTU/HR.....	Number		
3585757 12,001 to 18,000 BTU/HR.....	Number		
3585758 Over 18,000 BTU/HR.....	Number		
Floor mounted (dry type)			
3585761 5 tons and under.....	Number		
3585763 5.1 to 7.5 tons.....	Number		
3585765 7.6 to 10 tons.....	Number		
3585767 10.1 to 15 tons.....	Number		
3585769 Over 15 tons.....	Number		
Floor mounted (spray type)			
3585771 5 tons and under.....	Number		
3585773 5.1 to 7.5 tons.....	Number		
3585775 7.6 to 10 tons.....	Number		
3585776 10.1 to 15 tons.....	Number		
3585778 Over 15 tons.....	Number		
3585781 Shell-and-tube and shell-and-coil condensers.....	Dollars		
3585782 Shell-and-tube liquid cooler.....	Dollars		
3585783 Shell-and-coil liquid cooler.....	Dollars		
3585784 Fin-coils - steam (except forced air units).....	Dollars		
3585785 Fin-coils - water (except forced air units).....	Dollars		
3585786 Fin-coils - direct expansion (excluding bunker gravity-type refrigeration coils).....	Dollars		
3585787 Plate-type evaporators (including bunker gravity-type refrigeration coils).....	Dollars		
3585788 Surface dehumidifiers.....	Dollars		
3585789 Air-cooled condensers.....	Number		
3585791 Factory assembled water-cooling towers.....	Number		
3585795 Other heat-exchanger equipment, including tube-in-tube liquid coolers, tube-in-tube condensers, and suction-line heat-exchangers.....	Dollars		
3585798 Other components and accessories for air conditioning and refrigeration equipment (Specify kind and unit of measure).....			
-----			
3585X-- OF THE TOTAL WATER COOLED CONDENSING UNITS OVER 7-1/2 HP., INDICATE THE NUMBER OF--			
3585X11 Open type.....	Number		
3585X15 Hermetic type.....	Number		
Of the total water and brine chilling centrifugal refrigeration systems indicate the number of--			
3585X21 Water chilling, above 32°F.....	Number		
3585X25 Brine chilling, below 32°F.....	Number		
Number of compressor bodies manufactured during 1954			
3585X43 For all refrigerants except ammonia and household, 30 hp. and over <sup>1</sup> .....	Number		
3585X45 For ammonia refrigerants, all horsepower ratings <sup>1</sup> .....	Number		

<sup>1</sup>This item requires information in column (H), "Number of compressor bodies manufactured in 1954."

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(C)	(D)	(E)
<b>INDUSTRY 3586 - MEASURING AND DISPENSING PUMPS - MC-35U</b>					
35860--	<b>MEASURING AND DISPENSING PUMPS</b>				
	Gasoline dispensing pumps				
	Filling station type (twin pumps reported as two units)				
3586011	Computing.....	No. of units			
3586013	Noncomputing.....	No. of units			
3586015	Airport fueling units (count by number of meters).....	No. of units			
3586021	Lubricating-oil outfits (including pump and tank).....	No. of units			
3586031	Lubricating-oil pumps (including barrel pumps).....	No. of units			
3586041	Grease pumps.....	No. of units			
3586051	Grease guns.....	No. of units			
3586098	Other measuring and dispensing pumps (Specify kind)				
	.....	No. of units			
	.....	No. of units			
<b>INDUSTRY 3589 - SERVICE AND HOUSEHOLD MACHINES, N.E.C. - MC-35S</b>					
35891--	<b>AUTOMOTIVE MAINTNANCE EQUIPMENT</b>				
3589111	Automotive maintenance equipment (such as motor analyzers, wheel balancers, spark plug cleaners, wheel spinners, frame straighteners, etc.) (Specify kind)				
	.....	Dollars			
	.....	Dollars			
35892--	<b>OTHER SERVICE-INDUSTRY AND HOUSEHOLD MACHINES</b>				
	Dishwashing machines				
	Household type				
3589211	Dishwashers only.....	No. of units			
3589213	Dishwashers and sink combinations.....	No. of units			
3589215	Commercial type.....	No. of units			
	Water softeners				
3589221	Commercial and industrial.....	No. of units			
3589223	Household "for sale to consumer" type.....	No. of units			
3589225	Household "service" type.....	No. of units			
	Floor waxing and polishing machines				
3589231	Household type.....	No. of units			
3589235	Commercial and industrial type.....	No. of units			
3589241	Floor sanding machines.....	No. of units			
3589251	Floor scrubbing machines.....	No. of units			
3589261	Carpet sweepers.....	No. of units			
3589271	Disposers, waste food.....	No. of units			
3589298	Other service and household machines (Specify kind)				
	.....	Dollars			
	.....	Dollars			



MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 3591 - VALVES AND FITTINGS (EXCEPT PLUMBERS' BRASS GOODS AND FITTINGS) - MC-35V</b>			
35911-- VALVES AND FITTINGS FOR PIPING SYSTEMS (EXCEPT PLUMBING AND HEATING VALVES) Metal valves			
Gates, globes, angles, checks, butterflies, lubricated plugs, cocks, stop and checks, cross, etc. (except automatic regulating valves)			
3591111 Iron (all pressures) (including fire hydrants).....	Short ton		
3591113 Steel, carbon, and alloy (all pressures).....	Short ton		
3591115 Brass and bronze (125 lb. W.S.P. and over).....	Short ton		
Pop safety valves and relief valves (over 15 lb. U.S.P.)			
3591121 Iron.....	Short ton		
3591123 Steel, carbon, and alloy.....	Short ton		
3591125 Brass and bronze.....	Short ton		
Automatic regulating valves			
3591131 Diaphragm actuated.....	No. of units		
3591133 Float actuated (including float cages).....	No. of units		
3591135 Other automatic regulating valves.....	No. of units		
3591137 Compressed gas cylinder valves.....	No. of units		
Metal fittings and unions (except compression fittings, flared fittings, and bell and spigot pressure and soil pipe fittings)			
3591141 Gray iron fittings, flanges, and flange unions.....	Short ton		
3591143 Malleable iron fittings and flanges.....	Short ton		
3591145 Malleable iron unions and union fittings.....	Short ton		
3591147 Cast and forged carbon and alloy steel fittings, flanges, and unions.....	Short ton		
3591149 Cast and wrought copper and copper-base alloy fittings, flanges, and unions.....	Short ton		
Steam traps (over 15 lb. W.S.P.)			
3591151 Thermostatic and combination float and thermostatic.....	No. of units		
3591155 Mechanical.....	No. of units		
3591198 Other metal valves and piping specialties for piping systems (except plumbing and heating valves) (Specify kind and pressure)			
.....	Short ton		
.....	Short ton		
<b>35912-- PLUMBING AND HEATING VALVES AND SPECIALTIES, EXCEPT PLUMBERS' BRASS GOODS AND FITTINGS</b>			
3591211 Gates, globes, angles, checks, butterflies, lubricated plugs, cocks, stop and checks, cross, etc.--brass and bronze valves (under 125 lb. W.S.P.).....	Short ton		
3591231 Pop safety valves and relief valves (15 lb. W.S.P. and under).....	Short ton		
3591251 Steam traps (15 lb. W.S.P. and under).....	Short ton		
3591298 Other metal plumbing and heating valves and specialties (Specify kind and pressure)			
.....	Short ton		
.....	Short ton		
<b>35913-- OTHER VALVES AND FITTINGS, EXCEPT PLUMBERS' BRASS GOODS AND FITTINGS</b>			
3591311 Other metal valves and fittings (Specify kind and pressure)			
.....	Short ton		
.....	Short ton		
<b>INDUSTRY 3592 - FABRICATED PIPE AND FITTINGS - MC-D1<sup>1</sup></b>			
35920-- FABRICATED PIPE AND FITTINGS MADE FROM PURCHASED PIPE			
3592011 Fabricated pipe and fittings made from purchased pipe.....	Dollars		

<sup>1</sup>No specific products of this industry are listed on the product schedule. Any products which are classified in this industry will be "written in" by the reporting establishment.

MAJOR GROUP 35 - MACHINERY, EXCEPT ELECTRICAL--Continued

(A)		(B)	(D)	(E)	
<b>INDUSTRY 3593 - BALL AND ROLLER BEARINGS - MC-35P</b>					
35931--	BALL BEARINGS, COMPLETE				
3593111	Annular (including self-aligning).....	Dollars			
3593131	Thrust.....	Dollars			
3593151	Other ball bearings.....	Dollars			
35932--	ROLLER BEARINGS, COMPLETE				
3593211	Cylindrical (except thrust).....	Dollars			
3593221	Spherical (including hourglass but excluding thrust).....	Dollars			
3593231	Taper (except thrust).....	Dollars			
3593241	Needle.....	Dollars			
3593251	Thrust (all types).....	Dollars			
3593298	Other roller bearings.....	Dollars			
35933--	MOUNTED BEARINGS				
3593311	Ball.....	No. of units			
3593351	Rollers.....	No. of units			
35934--	PARTS AND COMPONENTS FOR BALL AND ROLLER BEARINGS, INCLUDING BALLS AND ROLLERS, SOLD SEPARATELY				
3593411	Balls (sold separately).....	Dollars			
3593431	Rollers (sold separately).....	Dollars			
3593451	Other antifriction bearing components (including cages, housing closures, collars, races, etc.).....	Dollars			
<b>INDUSTRY 3594 - INDUSTRIAL PATTERNS AND MOLDS (PART OF FORMER INDUSTRY 3998) - MC-35X</b>					
35941--	INDUSTRIAL PATTERNS EXCEPT SHOE (OF WOOD, METAL, ETC.)				
3594111	Foundry patterns.....	Dollars			
3594198	All other industrial patterns, except shoe.....	Dollars			
35942--	INDUSTRIAL MOLDS				
3594211	For casting metals (foundry molds, except ingot molds).....	Dollars			
3594231	For molding rubber products, including tire molds.....	Dollars			
3594251	For molding plastics.....	Dollars			
3594298	All other industrial molds (specify industry or products for which designed)...	Dollars			





MAJOR GROUP 36 - ELECTRICAL MACHINERY

(A)		(B)	(D)	(E)
INDUSTRY 3611 - WIRING DEVICES AND SUPPLIES - MC-36A				
36111--	CURRENT-CARRYING WIRING DEVICES			
	Electric wiring devices			
	Lamp holders (except automotive)			
	Incandescent			
3611101	Brass or metal shell lamp holders (excluding outlet box type) all sizes.....	M units		
3611102	Outlet box lamp holders.....	M units		
3611103	Other lamp holders (including lumiline).....	M units		
3611105	Fluorescent.....	M units		
	Convenience and power outlets			
3611111	Flush, 15 amperes and under (all types).....	M units		
3611113	Flush, over 15 amperes (all types).....	No. of units		
3611115	Surface (all types).....	M units		
3611121	Attachment plug caps and connector bodies.....	M units		
	Switches (except knife, time and automotive)			
	Appliance and special application switches (installed generally as a component part of an electrical appliance or piece of electrical equipment)			
3611131	15 amperes and under.....	M units		
3611133	Over 15 amperes.....	No. of units		
3611135	Canopy, fixtures and portable lamp switches.....	M units		
	Other switches (excluding knife and time switches)			
3611141	Flush, rated 10 amperes 125 volt; 5 amperes 250 volts.....	M units		
3611143	Flush, all other.....	No. of units		
3611145	Surface (all types).....	No. of units		
3611151	Fluorescent starters.....	M units		
3611161	Switch and outlet face plates (all types, quantity in number of gangs, i.e., a 3-gang plate would be counted as 3).....	M units		
3611171	Lightning arrestors and choke coils for power transmission and distribution circuits and for railway signalling power circuits.....	Dollars		
3611173	Rail bonds for both propulsion and signal circuits.....	Dollars		
3611179	Other wiring devices, including rosettes, etc. (Specify kind)	No. of units		
	.....	No. of units		
	Wire connectors			
3611181	Solderless connectors (including industrial and service).....	M units		
3611185	Other connectors (including solder lugs and splicing sleeves).....	M units		
36112--	NON-CURRENT CARRYING WIRING DEVICES AND SUPPLIES			
	Stamped metal boxes, covers, and accessories (including conduit boxes)			
3611211	Switch boxes.....	M units		
3611213	Outlet boxes.....	M units		
3611217	Covers and accessories (including supports and bar hangers).....	Dollars		
3611221	Cast metal boxes, covers, and accessories (including conduit boxes).....	Dollars		
	Electrical conduit and conduit fittings (including underground and underfloor raceways and accessories)			
3611231	Rigid conduit (standard weight) including couplings, nipples, bends, and elbows....	Short ton		
3611232	Electrical metallic tubing (thin wall conduit) including couplings, nipples, bends, and elbows.....	Short ton		
3611233	Flexible steel conduit.....	M feet		
3611235	Raceways and fittings (metal).....	Dollars		
3611236	Other electrical conduit (including underground conduit and fittings, molding angles, molding outlet, and molding junction boxes).....	Dollars		
3611239	Fittings other than those listed above (including conduit and electric metallic tubing, connectors, pipe straps, staples, service entrance caps and ells, insulating bushings, etc., and fittings for armored cable, nonmetallic wiring system, and service cables).....	Dollars		
3611241	Overhead trolley-line material (except poles, wire and cable, pole-line hardware, and expansion shells and plugs for roof bolting in mines).....	Dollars		
36113--	POLE LINE AND TRANSMISSION HARDWARE			
3611312	Pole line hardware (except transmission hardware for high voltage porcelain products)	Dollars		
3611351	Transmission hardware for high voltage porcelain products (including clamps, end fittings, strain yokes, etc.).....	Dollars		

## NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3612 - CARBON AND GRAPHITE PRODUCTS - MC-36B				
36120--	CARBON AND GRAPHITE PRODUCTS			
	Brushes (manufactured from carbon, graphite, metal-graphite, and metal-impregnated stock)			
3612011	Automotive brushes, including replacement brushes (automotive and light truck type - 6 to 12 volts, inclusive).....	Dollars		
3612013	Fractional horsepower brushes, including replacement brushes (brushes 1/4 sq. in. or less in cross-section or 1-1/2 in. long or less).....	Dollars		
3612015	Industrial brushes (brushes over 1/4 sq. in. in cross section and over 1-1/2 in. long).....	Dollars		
	Carbon, graphite, metal-graphite, and metal-impregnated stock for making brushes and for miscellaneous electrical applications			
3612031	Plate stock.....	Dollars		
3612035	Rod and powder stock.....	Dollars		
	Electrodes (carbon or graphite)			
3612051	For electric furnaces and electrolytic uses.....	Dollars		
3612057	For welding, cutting, and all other purposes (including all types of illuminating carbons).....	Dollars		
	Miscellaneous carbon, graphite, metal-graphite, and metal-impregnated specialties			
3612071	For electrical uses (including contacts, pot liners, etc.; exclude silver or other metals contacts) (Specify kind)			
	.....	Dollars		
	.....	Dollars		

MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 3613 - ELECTRICAL MEASURING INSTRUMENTS - MC-38A</b>			
36131--	<b>INTEGRATING INSTRUMENTS, ELECTRICAL</b>		
	A.C. watt-hour meters		
3613111	Number		
3613115	Number		
3613121	Number		
	Combined watt-hour and time switch meters		
	Combined watt-hour and demand meters		
3613131	Number		
3613135	Number		
3613141	Number		
3613151	Dollars		
	Other electrical integrating meters including D.C. watt-hour meters, ampere-hour meters, and other miscellaneous integrating instruments not included in the above classifications		
3613161	Dollars		
	Parts for integrating meters, electrical type, (including meter mounting and test equipment), sold separately		
36132--	<b>TEST EQUIPMENT FOR TESTING ELECTRICAL, RADIO, AND COMMUNICATION CIRCUITS AND MOTORS</b>		
3613211	Dollars		
3613215	Dollars		
3613221	Dollars		
3613227	Dollars		
3613233	Dollars		
3613239	Dollars		
	Analyzers for testing characteristics of internal combustion engines and auxiliary equipment		
3613245	Dollars		
3613251	Dollars		
3613257	Dollars		
3613263	Dollars		
3613269	Dollars		
3613281	Dollars		
3613298	Dollars		
	Other test equipment (Specify kind)		
	Dollars		
	Dollars		
36133--	<b>OTHER ELECTRICAL MEASURING INSTRUMENTS</b>		
	Electrical instruments which are designed fundamentally to indicate, measure, or record electrical quantities, but whose scales may be marked in other than electrical quantities		
	Indicating and recording instruments		
	Indicating instruments		
3613311	Number		
	Panel type instruments, nominal size 4-1/2" and smaller. Initial accuracy within +2% of full scale deflection for all types except rectifier types which shall be within +5%. Excluding instruments for use on motor vehicles and aircraft		
3613313	Number		
	Panel type instruments, nominal size larger than 4-1/2" including all exploded types. Initial accuracy within +2% of full scale deflection for all except rectifier types which shall be within +5%. Excluding instruments for use on motor vehicles and aircraft		
3613315	Number		
	Panel types for use on aircraft only (for measurement of electrical quantities only) including ammeters, volt-meters, volt-ammeters, watt-varmeters, frequency meters, phase sequence indicators, etc.		
3613321	Number		
	Switchboard type instruments 4-1/2" nominal size and larger with accuracy within +1% of full scale		
	Portable instruments		
3613331	Number		
	Industrial portable ammeters, volt-meters, watt-varmeters, etc., including hook-on and split core current measuring types		
3613335	Number		
	Laboratory portable instruments - with accuracies within +1%, up to 1/10% of full scale and better, all case sizes		
3613345	Number		
	Other indicating instruments, except motor vehicle and test equipment (Specify kind)		
	Number		
	Number		
3613351	Number		
	Instrument relays - all types		
3613361	Number		
	Recording instruments, not including control types (Specify kind)		
	Number		
	Number		
3613371	Dollars		
3613381	Number		
3613385	Number		
	Parts for indicating and recording instruments		
	Instrument, meter, and tripping transformers (current and potential)		
	Ammeters and voltmeters for motor vehicles		



## MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)	Unit of measure (B)	Total shipments and interplant transfers		Transfers to other plants of your company		Produced and incorporated into other product in this plant (quantity) (H)
		Quan. (D)	Value (E)	Quan. (F)	Value (G)	
INDUSTRY 3614 - MOTORS AND GENERATORS - MC-36C						
Motors (excluding cranking motors for internal combustion engines, propulsion motors for land transportation, and motors mounted on the same shaft as arc welding generators) Note applying to A.C. and D.C. motors, 200 horsepower and below: the horsepower shown is for open type frame at a speed of 1,800 rpm. Motors at other speeds and enclosures should be converted to equivalent ratings at 1,800 rpm, e.g., a 1/3 hp. 12,000 rpm universal motor would be reported as 1/20 hp motor at 1,800 rpm.						
36141-- FRACTIONAL HORSEPOWER MOTORS						
Aircraft (all types except synchros, selsyns, and autosyns)						
3614111	Under 1/20 hp.....	No. of units				
3614115	1/20 hp. and over.....	No. of units				
3614121	Clock-type synchronous and sub-synchronous timing motors.	No. of units				
Universal (other than listed above)						
3614131	Below 1/100 hp (including toy motors and auto heater motors).....	No. of units				
3614132	1/100 hp and over but not including 1/70 hp.....	No. of units				
3614133	1/70 hp and over but not including 1/40 hp.....	No. of units				
3614134	1/40 hp and over but not including 1/20 hp.....	No. of units				
3614135	1/20 hp and over but not including 1/6 hp.....	No. of units				
3614136	1/6 hp and over but not including 1/2 hp.....	No. of units				
3614139	1/2 hp and over but not including 1 hp.....	No. of units				
Direct current motors (other than those listed above)						
3614141	Below 1/100 hp (including toy motors and auto heater motors).....	No. of units				
3614142	1/100 hp and over but not including 1/70 hp.....	No. of units				
3614143	1/70 hp and over but not including 1/40 hp.....	No. of units				
3614144	1/40 hp and over but not including 1/20 hp.....	No. of units				
3614145	1/20 hp and over but not including 1/6 hp.....	No. of units				
3614146	1/6 hp and over but not including 1/2 hp.....	No. of units				
3614149	1/2 hp and over but not including 1 hp.....	No. of units				
Shaded pole alternating current motors						
3614151	Below 1/100 hp (including toy motors).....	No. of units				
3614152	1/100 hp and over but not including 1/70 hp.....	No. of units				
3614153	1/70 hp and over but not including 1/40 hp.....	No. of units				
3614154	1/40 hp and over but not including 1/20 hp.....	No. of units				
3614159	1/20 hp and over but not including 1/6 hp.....	No. of units				
Other A.C. motors						
3614161	Below 1/100 hp (including toy motors).....	No. of units				
3614162	1/100 hp and over but not including 1/70 hp.....	No. of units				
3614163	1/70 hp and over but not including 1/40 hp.....	No. of units				
3614164	1/40 hp and over but not including 1/20 hp.....	No. of units				
3614165	1/20 hp and over but not including 1/6 hp.....	No. of units				
3614166	1/6 hp and over but not including 1/3 hp.....	No. of units				
3614167	1/3 hp and over but not including 1/2 hp.....	No. of units				
3614169	1/2 hp and over but not including 1 hp.....	No. of units				

MAJOR GROUP - 36 ELECTRICAL MACHINERY--Continued

(A)	Unit of measure (B)	Total ship- ments and interplant transfers		Transfers to other plants of your company		Produced and incorporated into other products in this plant (quantity) (H)	Total generating capacity (Kilowatts) of units shipped as reported in column (D) (I)
		Quan. (D)	Value (E)	Quan. (F)	Value (G)		
<b>INDUSTRY 3614 - MOTORS AND GENERATORS - MC-36C--Continued</b>							
36142--	<b>INTEGRAL HORSEPOWER MOTORS AND GENERATORS, OTHER THAN FOR LAND TRANSPORTATION EQUIPMENT</b>						
	Integral horsepower alternating current motors						
3614211	No. of units						
	Polyphase - induction						
3614221	No. of units						
3614222	No. of units						
3614223	No. of units						
3614224	No. of units						
3614225	No. of units						
3614229	No. of units						
	Synchronous and other A.C. motors						
3614231	No. of units						
3614232	No. of units						
3614233	No. of units						
3614234	No. of units						
3614235	No. of units						
3614239	No. of units						
	Integral horsepower direct current motors and generators (excluding all arc welding generators, battery charging generators for internal combustion engines, and generators used as an integral part of land transportation equipment)						
3614241	No. of units						
3614242	No. of units						
3614243	No. of units						
3614244	No. of units						
3614245	No. of units						
3614249	No. of units						
	Alternating current generators (excluding all arc welding generators and generators used as an integral part of land transportation equipment)						
3614251	No. of units						
3614256	No. of units						
3614259	No. of units						
36143--	<b>PRIME MOVER GENERATOR SETS, OTHER THAN STEAM OR HYDRAULIC TURBINE</b>						
3614311	No. of units						
3614331	No. of units						
3614351	No. of units						
3614371	No. of units						
	Other generator set units (excluding motor-generator sets) (Specify kind)						
	No. of units						
	No. of units						
36144--	<b>MOTOR-GENERATOR SETS AND OTHER ROTATING EQUIPMENT</b>						
	Motor-generator sets (including dynamotors, converters, inverters, and frequency changers)						
3614411	No. of units						
	Synchronous converters and double current generators						
3614421	No. of units						
	Other motor-generator sets						
	Fractional horsepower (less than 3/4 Kw)..						
	Integral horsepower						
3614431	No. of units						
3614433	No. of units						
3614435	No. of units						
	Gear motors, all sizes and types						
3614441	No. of units						
3614445	No. of units						
	Other rotating equipment						
	Synchros, selsyns, and autosyns						
3614451	No. of units						
3614459	No. of units						
3614498	Dollars						



MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)	Unit of measure (B)	Total shipments and interplant transfers		Transfers to other plants of your company		Total capacity (KVA) of units shipped (H)
		Quan. (D)	Value (E)	Quan. (F)	Value (G)	
<b>INDUSTRY 3614 - MOTORS AND GENERATORS - MC-36C--Continued</b>						
36145--	MOTORS, GENERATORS, AND CONTROL APPARATUS (AND PARTS) FOR LAND TRANSPORTATION EQUIPMENT					
3614511	Railway motors, generators, and control equipment (for trolley cars, trolley coaches, rapid transit cars, trolley locomotives, third-rail locomotives, multiple unit cars for railway service, and mining locomotives) and parts and supplies.....	Dollars				
3614531	Motors, generators, and control equipment for gasoline-electric and diesel-electric buses, trucks, locomotives, rail cars, and parts and supplies.....	Dollars				
3614551	Motors and control equipment for storage-battery powered transportation equipment (for industrial trucks, mining locomotives, and other transportation equipment) and parts and supplies.....	Dollars				
3614598	Other electrical apparatus for land transportation equipment (Specify kind) .....	Dollars				
	.....	Dollars				
36146--	PARTS AND SUPPLIES FOR MOTORS, GENERATORS, AND MOTOR-GENERATOR SETS					
3614611	Parts and supplies (excluding motors for built-in jobs; these are included in the appropriate motor classification above).	Dollars				
<b>INDUSTRY 3615 - TRANSFORMERS - MC-36D</b>						
36151--	<b>SPECIALTY TRANSFORMERS</b>					
	Natural-draft dry type transformers, generally known as specialty transformers					
3615111	Control, signalling, doorbell, and toy.....	No. of units				
3615121	Luminous tube (including series fluorescent lighting applications).....	No. of units				
3615131	Ignition (including oil- and gas-furnace ignition applications but exclude internal combustion engine ignition)...	No. of units				
3615141	Fluorescent lamp ballasts (all types, including resistance, inductance, and combinations of inductance and capacitance)	M units				
3615151	Lighting transformers (including street, airport, and mercury vapor lamp types).....	No. of units				
3615198	General purpose and miscellaneous applications involving voltages of 600 volts and below.....	No. of units				
36152--	<b>POWER AND DISTRIBUTION TRANSFORMERS</b>					
	Liquid filled (all voltages) and dry type transformers above 600 volts for distribution and power service					
3615211	50 KVA and under, 15,000 volts and below.....	No. of units				
3615213	51 KVA to and including 200 KVA, 15,000 volts and below....	No. of units				
3615215	201 KVA to and including 500 KVA, 15,000 volts and below; and 500 KVA and under of voltages above 15,000.....	No. of units				
3615216	501 KVA-5,000 KVA (all voltages).....	Dollars				
3615217	5,001 KVA-10,000 KVA (all voltages).....	Dollars				
3615219	Over 10,000 KVA (all voltages).....	Dollars				
36153--	<b>TRANSFORMER PARTS AND SUPPLIES, POWER REGULATORS, BOOSTERS, AND REACTORS</b>					
3615311	Liquid filled (all voltages) and dry type transformers above 600 volts for applications other than previously indicated..	No. of units				
3615331	Current limiting reactors.....	Dollars				
3615351	Feeder-voltage regulators and boosters.....	Dollars				
3615371	Replacement interiors (cores and coils).....	Dollars				
3615375	Parts and accessories for power, distribution, and specialty transformers.....	Dollars				



MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 3616 - ELECTRICAL DISTRIBUTION AND CONTROL APPARATUS - MC-36E</b>			
36161--	<b>SWITCHGEAR AND SWITCHBOARD APPARATUS</b>		
	Panelboards and distribution boards		
	Panelboards, including closing cabinets		
3616111			
3616112			
3616113			
3616119			
	Fusible (including combination switch and fuse).....		
	Dollars		
	Circuit breaker.....		
	Dollars		
	Distribution switchboards.....		
	Dollars		
	Other, including theater switchboards.....		
	Dollars		
	Switches (excluding switches commonly known as snap, toggle, and rotary switches; and switch devices intended primarily to be used with electric motor controls)		
	Knife switches, 750 volts and under, open and enclosed		
3616121			
3616123			
3616125			
	Open knife switches and parts and switch interiors.....		
	Dollars		
	Enclosed switches (including pull out types).....		
	Dollars		
	Enclosed fusible load centers, service entrance equipment, and branch circuit cut-outs.....		
	Dollars		
3616127			
3616129			
	Time switches.....		
	Dollars		
	Other switches (excluding snap, toggle, push, etc., but including meter service equipment, other than meter mounting and test devices) (Specify kind)		
	Dollars		
	Dollars		
	<b>Circuit breakers</b>		
	Power circuit breakers		
3616131			
	Indoor, including oil circuit breakers (all voltages) and oilless circuit breakers over 1,500 volts.....		
	Dollars		
3616141			
3616145			
3616152			
	Outdoor, oil and oilless 34,500 volts and under.....		
	Dollars		
	Over 34,500 volts.....		
	Dollars		
	Open molded case air circuit breakers assembled as complete units in supporting and enclosing housings of insulating materials, with or without accessories or attachments.....		
	Dollars		
3616156			
3616159			
	Enclosed molded case air circuit breakers (excluding panelboard and busway plugs but including a group of such breakers in a single cabinet intended to function as service equipment).....		
	Dollars		
	Other circuit breakers (Specify kind)		
	Dollars		
	Dollars		
	<b>Power switchboards</b>		
3616163			
3616165			
3616167			
3616171			
	Automatic and manual panels (generator, transformer, feeder-control, etc.).....		
	Dollars		
	Metal enclosed switchgear (using power circuit breakers, oil and oilless, and low voltage air circuit breakers).....		
	Dollars		
	Metal enclosed bus bar structures, over 750 volts, (for sale separately).....		
	Dollars		
	Relays (except instrument), regulators, and miscellaneous switchboard devices (for sale separately).....		
	Dollars		
	<b>Power switching equipment (including attachments, auxiliaries, bus supports and fittings, and accessories, but excluding power fuses sold separately)</b>		
3616173			
3616175			
3616179			
	Outdoor.....		
	Dollars		
	Indoor.....		
	Dollars		
	Power and distribution fuses and fuse links for 2,300 volts and over, A.C. service (excluding distribution cut-outs).....		
	Dollars		
3616181			
3616183			
3616185			
	Power connectors.....		
	Dollars		
	Distribution cut-outs.....		
	Dollars		
	Busways (not exceeding 750 volts consisting of enclosed sectionalized prefabricated bus bars rated 50 amperes or more and associated structures and fittings).....		
	Dollars		
36162--	<b>INDUSTRIAL ELECTRICAL CONTROL EQUIPMENT, EXCEPT RAILWAY AND MOTOR VEHICLE CONTROLLERS</b>		
3616211			
3616213			
3616215			
	A. C. manual and magnetic across the line controls (600 volts or less).....		
	Dollars		
	A. C. reduced voltage controls (5,000 volts or less).....		
	Dollars		
	All other A. C. general purpose controls (including synchronous motor and control centers).....		
	Dollars		
3616221			
3616231			
3616237			
3616241			
3616251			
3616261			
3616298			
	D. C. general purpose controls.....		
	Dollars		
	General purpose control accessories (excluding rheostats and resistors).....		
	Dollars		
	Brakes, mill, and material handling controls.....		
	Dollars		
	Resistance welding controls, electronic and magnetic.....		
	Dollars		
	Electronic controls other than resistance welding controls.....		
	Dollars		
	Drums, Marine and Navy, and special purpose controls.....		
	Dollars		
	Other industrial controls.....		
	Dollars		
36163--	<b>FUSES AND FUSE EQUIPMENT, UNDER 2,300 VOLTS</b>		
	Fuses and fuse equipment under 2,300 volts (except power distribution cut-outs)		
3616311			
3616331			
3616351			
3616398			
	Nonrenewable plug fuses.....		
	No. of units		
	Nonrenewable cartridge fuses.....		
	No. of units		
	Renewable plug and cartridge fuses (including renewal links).....		
	No. of units		
	Other fuses and open fuse material (including cut-outs, clips, bases, etc.).....		
	Dollars		

MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 3617 - ELECTRICAL WELDING APPARATUS - MC-36F</b>				
36171--	ARC WELDING MACHINES, COMPONENTS, AND ACCESSORIES, EXCEPT ELECTRODES			
	Arc welding machines			
	Alternating current transformer arc welders			
3617111	180 amps. and below.....	Number		
3617115	Over 180 amps.....	Number		
	Direct current arc welders			
3617131	Generators only.....	Number		
	Complete units only			
3617133	Engine driven.....	Number		
3617135	Motor driven.....	Number		
3617151	Automatic welding heads for arc welding.....	Number		
3617171	Standard positioners for arc welding.....	Number		
3617181	Accessories for arc welding machinery (including electrode holders, ground clamps, arc torches, etc.) (Specify kind)			
	.....	Dollars		
	.....	Dollars		
36172--	ARC WELDING ELECTRODES, METAL			
3617211	Mild steel (cut-lengths).....	M pounds		
3617223	Low alloy high strength steel (cut-lengths), except hard surfacing.....	M pounds		
3617225	Stainless steel (cut-lengths) (chromium 4% or more).....	M pounds		
3617227	Stainless steel (coils) (chromium 4% or more).....	M pounds		
3617231	Nonferrous (cut-lengths), except hard surfacing.....	M pounds		
3617241	Hard surfacing, all types (including tool steel).....	M pounds		
3617251	Electrodes in coils for automatic arc welding (including electrodes for submerged arc welding).....	M pounds		
36173--	RESISTANCE WELDERS, PARTS, COMPONENTS, ACCESSORIES AND ELECTRODES			
3617311	Spot welders (including single electrode, multi-electrode, and gun types).....	Number		
3617321	Projection welders.....	Number		
3617331	Seam welders.....	Number		
3617341	Flash and butt welders.....	Number		
3617351	Other resistance welders (Specify kind)			
	.....	Number		
	.....	Number		
3617361	Resistance welder transformers (sold separately).....	Number		
3617371	Resistance welder electrodes.....	M pounds		
3617381	Resistance welder accessories (including electrode holders, etc.) (Specify kind)			
	.....	Dollars		
	.....	Dollars		
<b>INDUSTRY 3619 - ELECTRICAL INDUSTRIAL APPARATUS, N.E.C. - MC-36G</b>				
36191--	HIGH FREQUENCY INDUCTION AND DI-ELECTRIC HEATING APPARATUS			
3619111	Induction heating apparatus.....	No. of units		
3619151	Dielectric heating apparatus.....	No. of units		
36192--	CAPACITORS FOR INDUSTRIAL USE, EXCEPT FIXED AND COMMUNICATIONS			
3619211	Power capacitors (including shunt and series capacitors and accessories).....	No. of units		
	A. C. capacitors (excluding electrolytic)			
3619231	General purpose for motors, controls, etc.....	No. of units		
3619235	Capacitors for fluorescent lamp ballasts.....	M units		
3619251	Electrolytic capacitors ( A. C. type for motor starting).....	No. of units		
3619261	D. C. capacitors for general industrial application such as filters, blocking, bypass, and discharge service.....	No. of units		
3619298	Other capacitors, excluding fixed and communication type (Specify kind)			
	.....	No. of units		
	.....	No. of units		
36193--	OTHER ELECTRICAL EQUIPMENT FOR INDUSTRIAL USE EXCEPT SOLDERING IRONS			
	Industrial electric heating units and devices, excluding heating units for electric furnaces			
3619311	Tubular heaters.....	Dollars		
3619319	All other industrial electric heating units and devices, including strip, space, and ring heaters; water and oil immersion heaters; glue and compound pots; etc..	Dollars		
	Rectifying apparatus (excluding communication type)			
3619351	Power mercury arc rectifiers.....	No. of units		
3619355	Electron tube power apparatus.....	No. of units		
3619359	Other rectifying apparatus (Specify kind)			
	.....	No. of units		
	.....	No. of units		
3619371	Rheostats and resistors (excluding radio).....	Number		
3619398	Other electrical equipment for industrial use (Specify kind and unit of measure)			
	.....			
	.....			



MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)	(B)	(C)	(D)	(E)
<b>INDUSTRY 3621 - ELECTRICAL APPLIANCES - MC-36H</b>				
<b>36211-- ELECTRIC FANS, EXCEPT INDUSTRIAL TYPE</b>				
3621111	High pedestal.....	No. of units		
	Desk and wall bracket			
	Oscillating			
3621131	Under 12 inch.....	No. of units		
3621133	12 inch.....	No. of units		
3621135	Over 12 inch.....	No. of units		
3621151	Non-oscillating (all sizes).....	No. of units		
3621161	Floor or hassock-type fans (all sizes).....	No. of units		
3621198	Other electric fans (Specify kind)			
	.....	No. of units		
	.....	No. of units		
<b>36212-- HOUSEHOLD WATER HEATERS</b>				
Electric water heaters, household types (for permanent installation)				
	Storage			
3621211	34 gallons and under.....	No. of units		
3621213	35-54 gallons.....	No. of units		
3621215	55 gallons and over.....	No. of units		
3621231	Other permanent installation types (including circulating).....	No. of units		
3621251	Electric water heaters, portable storage (plug-in farm type).....	No. of units		
<b>36213-- SMALL HOUSEHOLD ELECTRIC APPLIANCES, AND SOLDERING IRONS EXCEPT FANS</b>				
Household type electric cooking and heating appliances (except water heaters)				
3621311	Broilers (table).....	No. of units		
	Coffee makers (complete units)			
3621313	Vacuum (glass and metal), complete units.....	No. of units		
3621315	Percolators and urns.....	No. of units		
3621316	Deep fat fryers.....	No. of units		
3621317	Ovens, electric.....	No. of units		
3621319	Hot plates and disc stoves (1.650 watts or less).....	No. of units		
3621321	Roasters (with or without broiler attachments).....	No. of units		
	Toasters			
3621323	Automatic.....	No. of units		
3621325	Non-automatic.....	No. of units		
	Waffle irons and sandwich grills			
3621326	Sandwich grills and griddles.....	No. of units		
3621327	Waffle irons.....	No. of units		
3621328	Combination waffle iron and sandwich grills.....	No. of units		
	Air space heaters (portable room heaters only)			
3621331	Fan forced type.....	No. of units		
3621333	Convector types (except fan forced).....	No. of units		
3621335	Radiant type (except fan forced) including units with both convection and radiant characteristics.....	No. of units		
	Air space heaters for fixed or permanent installations			
3621337	Fan forced.....	No. of units		
3621338	Other (including convector, radiant, and fan and heater combinations).....	No. of units		
3621341	Other household type electric cooking and heating appliances, including such items as immersion heaters, faucet attachment water heaters, electric steam radiators, cookers, and casseroles, etc. (Specify kind)			
	.....	No. of units		
	.....	No. of units		
	Electric irons			
	Standard household other than steam, automatic type (thermostat controlled heat)			
3621351	Under 4 pounds.....	No. of units		
3621355	4 pounds and over.....	No. of units		
3621361	Standard household, steam.....	No. of units		
3621369	Other electric irons (tailors' milliners', travel, boudoir, nonautomatic standard household, etc.).....	No. of units		
	Household food preparation appliances			
	Food mixers (including in value standard attachments sold together with mixers)			
3621371	Hand.....	No. of units		
3621375	Stand.....	No. of units		
3621379	Other household food preparation appliances, including drink mixers, whippers, juices, and blenders (liquefiers).....	Dollars		
	Miscellaneous electrical appliances			
3621381	Soldering irons (electric).....	No. of units		
3621383	Dry shavers (electric razors).....	No. of units		
3621385	Electric bed coverings (including blankets, sheets, and comforters).....	No. of units		
3621387	Heating pads (including foot warmers).....	No. of units		
3621398	Other electrical appliances (curling irons, vibrators, hand and face dryers, etc.) (Specify kind)			
	.....	No. of units		
	.....	No. of units		



NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)		(B)	(C)	(D)	(E)	
INDUSTRY 3621 - ELECTRICAL APPLIANCES - MC-36H--Continued						
6214--	HOUSEHOLD RANGES					
	Ranges (over 2-1/2KW), excluding combination types					
621411	Standard type.....	No. of units				
621451	Apartment house type (ranges up to approximately 24 inches, with three or four burners and low oven).....	No. of units				
6215--	COMMERCIAL COOKING AND FOOD WARMING EQUIPMENT					
621511	Commercial ranges, ovens, and broilers, electric.....	No. of units				
621531	Other commercial cooking equipment, electric (including griddles, toasters, deep fat fryers, coffeemakers, coffee urns) (Specify kind)	No. of units				
	.....	No. of units				
	.....	No. of units				
621551	Commercial food warming equipment, electric (including hot food server units and steam tables).....	Dollars				
6216--	PARTS AND ACCESSORIES FOR ELECTRIC APPLIANCES					
621611	Parts and accessories for electrical appliances.....	Dollars				
INDUSTRY 3631 - INSULATED WIRE AND CABLE - MC-36J						
6311--	COMMUNICATION WIRE AND CABLE (SEE ALSO INDUSTRY 3392) <sup>1</sup>					
	Coaxial cable					
631111	Lead sheathed.....	Dollars				
631115	Flexible.....	Dollars				
631121	Lead and hook-up wire.....	Dollars				
631131	Drop and bridle wire.....	Dollars				
631141	Distribution and jumper wire.....	Dollars				
631151	Inside and duct telephone wire.....	Dollars				
631161	Paper-insulated lead-covered (except coaxial).....	Dollars				
631171	Switchboard cable.....	Dollars				
631198	Other communication wire and cable (Specify kind)	Dollars				
	.....	Dollars				
	.....	Dollars				

MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3631 - INSULATED WIRE AND CABLE - MC-36J--Continued				
36312--	OTHER INSULATED WIRE AND CABLE (SEE ALSO INDUSTRY 3392) <sup>1</sup>			
3631211	Signal wire and cable.....	Dollars		
	Magnet wire			
	Enameled, including synthetic resin enamels (including combinations of enameled with other coverings)			
3631221	Enameled only.....	Dollars		
3631223	Enameled and covered.....	Dollars		
	Not enameled			
3631225	Glass covered.....	Dollars		
3631227	Other.....	Dollars		
	Weatherproof and slow burning wire			
3631231	Braided (including slow burning).....	Dollars		
3631233	Rubber covered.....	Dollars		
3631235	Thermoplastic covered.....	Dollars		
3631237	Polychloroprene (neoprene) covered.....	Dollars		
	Building wire and cable (having Underwriters' labels), except varnished cambric insulated			
3631241	Fibrous covered and/or jacketed (including lead-covered).....	Dollars		
3631242	Metallic armored cable or conductor.....	Dollars		
3631243	Nonmetallic sheathed cable or conductor.....	Dollars		
	Service cable (including self-supporting type but excluding service entrance cable)			
3631244	Rubber insulated.....	Dollars		
3631245	Thermoplastic insulated.....	Dollars		
3631246	Service entrance cable.....	Dollars		
3631247	Synthetic (no braid).....	Dollars		
3631249	Other building wire and cable (excluding varnished cambric insulated) (Specify kind) .....	Dollars		
	.....	Dollars		
	Power wire and cable			
	Under 601 volts			
3631251	Portable power cables.....	Dollars		
3631252	Varnished cambric insulated (including varnished cambric building wire).....	Dollars		
3631253	Synthetic.....	Dollars		
3631254	Rubber insulated (excluding building wire).....	Dollars		
3631255	Asbestos and asbestos-varnished cambric.....	Dollars		
3631256	Other power wire and cable, under 601 volts (Specify kind) .....	Dollars		
	.....	Dollars		
	601 volts and higher			
3631261	Portable power cables.....	Dollars		
3631263	Varnished cambric insulated.....	Dollars		
3631265	Paper insulated.....	Dollars		
3631267	Rubber insulated.....	Dollars		
3631269	Other power wire and cable, 601 volts and higher (Specify kind) .....	Dollars		
	.....	Dollars		
	Automotive and aircraft type wire and cable			
3631271	Secondary ignition wire and cable (except harness sets).....	Dollars		
3631273	Aircraft wire, other than ignition.....	Dollars		
3631275	Insulated battery, starter, and other primary wire and cable (except cable sets).....	Dollars		
3631279	Other automotive and aircraft type wire and cable (excluding cable sets and non-insulated battery cable).....	Dollars		
3631289	Marine wire and cable (U. S. Navy and Merchant Marine).....	Dollars		
3631298	Other insulated wire and cable (Specify kind) .....	Dollars		
	.....	Dollars		
36993--	APPLIANCE WIRE AND CORD AND FLEXIBLE CORD SETS (SEE ALSO INDUSTRY 3699) <sup>1</sup>			
3699311	Flexible cord sets.....	Dollars		
	Appliance wire and cord			
3699321	Fixture wire (including heat resistant).....	Dollars		
	Flexible cord (including heater cord)			
3699322	Rubber insulated.....	Dollars		
3699325	Thermoplastic insulated.....	Dollars		
3699329	Other appliance wire and cord (Specify kind) .....	Dollars		
	.....	Dollars		
3631X11	Total copper content of all insulated wire and cable reported above.....	Pound		
3631X31	Total aluminum content of all insulated wire and cable reported above.....	Pound		

<sup>1</sup>Classify in Industry 3631, if plant insulates wire and cable and insulated wire products primarily from purchased wire.



## MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)	(B)	(C)	(D)	(E)
INDUSTRY 3641 - ENGINE ELECTRICAL EQUIPMENT - MC-36K				
36411-- IGNITION HARNESS AND CABLE SETS				
Ignition harness sets				
3641111 Automotive type.....	No. of units			
3641115 Aircraft type.....	No. of units			
3641119 Other (including tractor, stationary engine, etc.).....	No. of units			
3641151 Cable sets (automotive and aircraft type).....	No. of units			
36412-- OTHER ELECTRICAL EQUIPMENT FOR INTERNAL COMBUSTION ENGINES				
Complete units				
Battery charging generators for internal combustion engines (power generators for aircraft and battery charging sets under "all other products")				
3641211 6 volt--passenger car and light truck type.....	No. of units			
3641213 12 volt and higher--heavy-duty truck and bus type.....	No. of units			
3641215 Farm tractor type.....	No. of units			
3641217 Aircraft type.....	No. of units			
3641219 Other (excluding farm lighting generators but including battery charging generators sold to engine manufacturers for incorporation into end products such as stationary engines, marine engines, construction machinery, etc.).....	No. of units			
Regulators for battery charging generators				
3641221 Passenger car and light truck type.....	No. of units			
3641225 Heavy-duty truck and bus type.....	No. of units			
3641229 Other types.....	No. of units			
Cranking motors for internal combustion engines				
3641231 Passenger car and light truck type.....	No. of units			
3641233 Heavy-duty truck and bus type.....	No. of units			
3641235 Farm tractor type.....	No. of units			
3641237 Aircraft type.....	No. of units			
3641239 Other cranking motors.....	No. of units			
Ignition apparatus for internal combustion engines				
Ignition coils				
3641241 Automotive vehicles (trucks, buses, and passenger cars).....	M units			
3641242 Other ignition coils.....	M units			
Distributors				
3641243 Passenger car and light truck type.....	No. of units			
3641244 Other types.....	No. of units			
Ignition magnetos				
3641245 Aircraft type.....	No. of units			
3641246 Farm tractor type.....	No. of units			
3641247 Other ignition magnetos.....	No. of units			
Spark plugs				
3641248 Automotive type.....	M units			
3641251 Aircraft type.....	M units			
3641252 Other ignition equipment (Specify kind).....	No. of units			
.....	No. of units			
Switches specifically designed for use in vehicles and aircraft (all types, starting, lighting, ignition, etc.)				
3641253 Automotive vehicles (trucks, buses, and passenger cars).....	M units			
3641255 Aircraft.....	M units			
3641257 Other vehicle switches.....	M units			
3641259 Other complete electrical equipment units for internal combustion engines and vehicles (Specify kind).....	No. of units			
.....	No. of units			
Component parts for engine electrical equipment				
Parts for battery charging generators				
3641261 Armatures.....	No. of units			
3641263 Field coils.....	No. of units			
3641265 Parts for cranking motors, armature, field coils, and drive end housings....	No. of units			
Parts for ignition distributors				
3641271 Distributor heads.....	No. of units			
3641272 Rotors.....	No. of units			
Breaker point sets				
3641273 Contact arms.....	M units			
3641274 Contact supports and screws.....	M units			
3641275 Condensers.....	M units			
3641289 Other component parts for engine electrical equipment (Specify kind).....	No. of units			
.....	No. of units			
3641X-- PRODUCTION AND USE FOR PASSENGER CARS, TRUCKS, AND BUSES DURING 1954 <sup>1</sup>				
3641X11 Ignition coils.....	M units			
3641X51 Spark plugs.....	M units			

<sup>1</sup>These items request in column (H), "For use in assembly of new automotive vehicles in 1954 (quantity)."



MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3651 - ELECTRIC LAMPS (BULBS) - MC-36L					
36510--	ELECTRIC LAMPS (BULBS ONLY)				
3651010	Electric lamps (bulbs) (covers items as reported on Census Form M32B).....	Dollars			
3651061	Cold cathode fluorescent lamps for illumination and decoration (excluding sign applications)				
	Standard lengths (including straight, hair pin, and other shapes regarded as standard).....	Number			
3651065	Custom built lamps designed primarily for illumination and decoration.....	No. of ft. of tubing			
INDUSTRY 3661 - RADIOS AND RELATED PRODUCTS - MC-36M					
36611--	PHONOGRAPH NEEDLES AND CUTTING STYLI				
3661111	Phonograph playback needles, steel.....	Thousand			
3661131	Phonograph playback needles, precious metal or jeweled point (tipped with osmium, platinum, sapphire, etc.).....	Thousand			
3661171	Cutting styli, steel, precious metal, or jeweled point.....	Number			
36612--	HOUSEHOLD RADIO RECEIVERS AND RADIO-PHONOGRAPHS (COMPLETE SETS), PHONOGRAPHS AND RECORD PLAYERS (EXCEPT RADIO-TV AND RADIO-PHONO-TV COMBINATIONS)				
	Home radio receivers				
	Socket powered				
	Table models except clocks				
3661211	AM.....	No. of units			
3661212	AM-FM and FM only (including FM converters).....	No. of units			
	Clock models				
3661214	AM.....	No. of units			
3661215	AM-FM.....	No. of units			
	Console models				
3661216	AM.....	No. of units			
3661217	AM-FM and FM only (including FM converters).....	No. of units			
	Battery powered				
3661221	Table models.....	No. of units			
3661225	Console models.....	No. of units			
	Portable radio receivers				
3661231	3-way (A.C., D.C., battery).....	No. of units			
3661239	Other portable radio receivers.....	No. of units			
	Radio-phonograph combinations, complete sets (including sets with built-in recorders, but excluding TV sets)				
	Table models (including portable sets)				
3661241	AM.....	No. of units			
3661243	AM-FM.....	No. of units			
	Console models				
3661245	AM.....	No. of units			
3661247	AM-FM.....	No. of units			
3661251	Automobile radios (broadcast receivers only).....	No. of units			
	Phonographs and record players				
3661261	Mechanical acoustical reproduction phonographs (with spring or electric motor).....	No. of units			
	Electronic phonographs				
3661263	Coin operated.....	No. of units			
3661265	Noncoin operated.....	No. of units			
	Record players (including record players with automatic record changing devices)				
3661267	Complete with case (plug-in or induction types only).....	No. of units			
3661269	For installation in combination sets and custom built sets.....	No. of units			
36613--	TV RECEIVERS INCLUDING RADIO-TV AND RADIO-PHONO-TV COMBINATIONS (COMPLETE SETS)				
	Direct view				
3661311	Table models (with or without conventional radio).....	No. of units			
3661321	Console and consolette models (with or without conventional radio).....	No. of units			
3661331	Phonograph-TV combination models.....	No. of units			
3661341	Projection, all types.....	No. of units			
	Other complete TV sets (except broadcast)				
3661351	Industrial TV sets.....	No. of units			
3661398	Other (including theater TV, etc.).....	No. of units			

MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3661 - RADIOS AND RELATED PRODUCTS - MC-36M--Continued				
36614--	COMMERCIAL RADIO AND TV COMMUNICATIONS, RADIO AND ELECTRONIC NAVIGATION AIDS, ETC. Communications equipment (except broadcast equipment and home type receivers)			
	Transmitters			
3661411	Shipboard.....	No. of units		
3661419	Other (Specify kind)			
	.....	No. of units		
	.....	No. of units		
	Receivers			
3661421	Shipboard.....	No. of units		
3661429	Other (Specify kind)			
	.....	No. of units		
	.....	No. of units		
	Transceivers			
3661431	Airborne.....	No. of units		
3661435	Automobile.....	No. of units		
3661439	Other (Specify kind)			
	.....	No. of units		
	.....	No. of units		
	Radio navigation aids			
	Radar equipment, search and navigation			
3661441	Airborne.....	Dollars		
3661445	Shipboard.....	Dollars		
3661449	Other (Specify kind)			
	.....	Dollars		
	.....	Dollars		
3661461	Sonar.....	Dollars		
3661469	Other (Specify kind)			
	.....	Dollars		
	.....	Dollars		
	Broadcast equipment			
3661471	AM transmitters.....	No. of units		
3661473	FM transmitters.....	No. of units		
3661475	TV transmitters.....	No. of units		
3661479	Other broadcast equipment, AM, FM, and TV (including antennas, except receiving type; relay links, TV cameras, monitoring and related equipment; excluding studio lighting equipment, radiating and supporting towers).....			
		Dollars		

MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)	(B)	(D)	(E)
INDUSTRY 3661 - RADIOS AND RELATED PRODUCTS - MC-36M--Continued			
36615-- ELECTRONIC TYPE COMPONENTS FOR COMMUNICATIONS AND INDUSTRIAL ELECTRONIC CONTROLS			
Capacitors, fixed (excluding capacitors for power-factor correction and fluorescent tube ballasts)			
3661511	Paper capacitors.....	M units	
3661513	Electrolytic capacitors.....	M units	
3661515	Mica capacitors.....	M units	
3661517	Ceramic capacitors.....	M units	
3661519	Other.....	M units	
Resistors, radio			
3661521	Fixed composition resistors.....	M units	
3661523	Variable composition resistors.....	M units	
3661525	Wire-wound resistors, two watts and below.....	M units	
3661527	Fixed and variable wire-wound resistors, above two watts.....	M units	
3661529	Other.....	M units	
3661531	Variable tuning condensers.....	No. of units	
3661533	Variable trimming condensers and condenser accessories.....	Dollars	////
3661535	Permeability tuning devices.....	No. of units	
3661537	Coils, transformers, and chokes, RF and IF (including antenna oscillators).....	M units	
3661541	Transformers and reactors, audio and supersonic.....	M units	
3661545	Radio power transformers and radio reactors.....	No. of units	
Tube sockets			
3661551	Radio receiving type only.....	M units	
3661553	All other (including transmitting and industrial electronic control types).....	No. of units	
3661557	Switches, radio wave-band, tap, rotary wafer, slide selector and similar types.....	No. of units	
Loud speakers and parts			
3661561	Speakers, loud.....	M units	
3661563	Horns, exponential.....	No. of units	
3661565	Loud speaker parts (except transformers).....	Dollars	////
3661567	Microphones (all types).....	No. of units	
3661571	Antenna, receiving (home, portable, and automotive, except communication whip type).....	No. of units	
3661573	Tuners, TV.....	No. of units	
3661575	TV converters (UHF and color).....	No. of units	
Chassis for home-type radio receivers for sale separately			
3661576	Sold to radio and TV manufacturers.....	No. of units	
3661577	Sold to others.....	No. of units	
Chassis for home-type television receivers, for sale separately			
3661578	Sold to radio and TV manufacturers.....	No. of units	
3661579	Sold to others.....	No. of units	
Phonograph and record player accessories and components (except records)			
3661581	Automatic record changing mechanisms (excluding phonomotor assemblies).....	No. of units	
3661582	Phonomotor assemblies.....	No. of units	
3661583	Phonograph cartridges and pick-ups.....	No. of units	
3661584	Recorder mechanisms only (sold separately without built-in speakers, amplifiers, etc.)	No. of units	
3661585	Vibrators for radio power supplies (for automobile, marine, etc. installations).....	No. of units	
3661587	Printed circuits.....	No. of units	
3661598	Other electronic components for communication such as chassis blanks, connectors, dial assemblies, piezo-electric crystals, crystal holders, crystal detectors, antenna, insulators, H. F. wave guides, relays, hermetic seals, etc. (Specify kind)	No. of units	
		No. of units	
36616-- RECORDERS, AMPLIFIERS, AUDIO EQUIPMENT, ETC.			
Recorders, complete units (except radio-phonograph combinations and recorder mechanisms sold separately)			
3661611	Disc.....	No. of units	
3661615	Wire.....	No. of units	
3661617	Tape.....	No. of units	
3661631	Recording magnetic tape.....	M feet	
3661651	Recording magnetic wire.....	M feet	
3661661	Amplifiers, audio, complete units.....	No. of units	
3661671	Other audio equipment, complete units (including audio equipment such as complete public address systems, slide film projection audio units, etc. but excluding components).....	No. of units	
36617-- RADIO AND TV EQUIPMENT AND ELECTRONIC DETECTION APPARATUS, N.E.C.			
3661711	Radio and TV equipment and electronic detection apparatus, n.e.c.....	Dollars	////



MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3662 - ELECTRON TUBES - MC-36N					
36621--	CATHODE RAY TUBES (TELEVISION PICTURE TYPE)				
3662111	Electron tubes, cathode ray, TV picture tubes.....	No. of units			
36622--	OTHER CATHODE RAY TUBES (EXCEPT TV PICTURE TUBES)				
3662211	* Other cathode ray tubes (including oscilloscopes, camera pick-up tubes, monoscopes, storage tubes, iconoscopes, and orthicons).....	No. of units			
36623--	RADIO RECEIVING-TYPE TUBES, EXCEPT CATHODE RAY				
	Other receiving-type tubes (including radio-receiving rectifier tubes and voltage regulator tubes)				
	Glass				
3662311	Standard, GT, and GT/G.....	M units			
3662312	Miniature.....	M units			
3662313	Subminiature and acorn.....	M units			
3662314	Lock-in.....	M units			
3662319	Other glass.....	M units			
3662351	Metal.....	M units			
36624--	TRANSMITTING AND INDUSTRIAL TYPE TUBES, EXCEPT X-RAY AND CATHODE RAY TUBES (ALL TYPES)				
3662411	Transistors and diodes (solid state semi-conductors).....	No. of units			
	Other electron tubes (except x-ray)				
	High vacuum tubes (nonreceiving types)				
3662412	Rectifiers.....	No. of units			
	Triodes and multigrid				
3662413	External anode.....	No. of units			
	Internal anode				
3662415	Plate dissipation (100 watts and under).....	No. of units			
3662417	Plate dissipation (over 100 watts).....	No. of units			
	Gas or vapor tubes (including pool tubes)				
3662421	Rectifiers (except tungar and rectigon types).....	No. of units			
3662423	Grid, ignitor, etc., control types (except hydrogen thyratrons).....	No. of units			
3662425	Thyratrons (hydrogen).....	No. of units			
3662431	Velocity modulated tubes.....	No. of units			
3662441	Gaps, T/R, and anti-T/R tubes.....	No. of units			
3662451	Magnetrons.....	No. of units			
3662461	Battery charger rectifying tubes.....	No. of units			
3662498	Miscellaneous types (including ballast, photo, vacuum capacitor, vacuum switch, vacuum gauge tubes, etc.).....	No. of units			
36625--	ELECTRON TUBE PARTS (EXCEPT GLASS BLANKS), SOLD SEPARATELY				
3662511	Electron tube parts (excluding glass blanks) sold separately.....	Dollars			
INDUSTRY 3663 - PHONOGRAPH RECORDS - MC-36P					
36631--	PHONOGRAPH RECORDS				
	Disc records, (excluding electrical transcriptions)				
	78 rpm				
3663111	Discs under 10 inches.....	Thousands			
3663113	10 inch discs.....	Thousands			
3663115	Discs over 10 inches (except electrical transcriptions).....	Thousands			
3663131	45 rpm.....	Thousands			
3663151	33-1/3 rpm.....	Thousands			
3663171	Electrical transcriptions, 33-1/3 rpm.....	Thousands			
36632--	RECORD BLANKS (DISC AND CYLINDER)				
3663211	Disc type (including magnetic disc).....	Number			
3663251	Other (Specify kind)				
	.....	Number			
	.....	Number			

MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3664 - TELEPHONE AND TELEGRAPH EQUIPMENT - MC-36Q					
36640--	TELEPHONE AND TELEGRAPH EQUIPMENT				
3664011	Telephone (wire and wireless) apparatus and equipment (including military) Telephone switchboards (central office and PBX subscriber A and B, trunk and toll).....	Dollars			
3664021	Telephone switching equipment (central office and PEX dial systems).....	Dollars			
3664031	Telephone carrier equipment and equipment repeater (including micro-wave, open wire and cable transmission).....	Dollars			
3664041	Telephone instrument sets (receivers and transmitters with or without dial; for subscriber use only).....	No. of sets			
3664061	Other telephone apparatus and equipment including components.....	Dollars			
3664071	Telegraph apparatus and equipment (including military), including components..	Dollars			
INDUSTRY 3669 - COMMUNICATION EQUIPMENT, N.E.C. - MC-36Q					
36691--	INTERCOMMUNICATION EQUIPMENT, EXCEPT TELEPHONE AND TELEGRAPH				
3669111	Intercommunication equipment (excluding intercommunication equipment designed primarily for use in telephone and telegraph networks).....	Dollars			
36692--	RAILWAY SIGNALS, ELECTRIC				
3669211	Railroad highway grade crossing signals (excluding relays and other control apparatus).....	Dollars			
3669298	Other railway signal systems and safety control equipment (Specify kind) .....	Dollars			
	.....	Dollars			
36693--	OTHER SIGNAL AND ALARM SYSTEMS, ELECTRIC				
3669311	Electric street traffic signals.....	Dollars			
3669398	Other (Specify kind) .....	Dollars			
	.....	Dollars			
INDUSTRY 3691 - STORAGE BATTERIES - MC-36R					
36911--	STORAGE BATTERIES, SLI TYPE				
	Motor vehicle type storage batteries (including tractor, aircraft, locomotive, and marine) starting, lighting, and ignition types, complete units				
	Automobile, truck, farm tractor, and bus				
3691111	Automotive type (all types primarily designed to fit passenger cars, regardless of application).....	M units			
3691131	Heavy-duty transport, motor coach and bus, and Diesel starting batteries (excluding marine).....	No. of units			
3691151	Aircraft.....	No. of units			
3691171	Marine.....	No. of units			
3691198	Other starting, lighting, and ignition type batteries (including motorcycle).....	No. of units			
36912--	STORAGE BATTERIES, OTHER THAN SLI TYPE				
	Motive power type				
3691211	Industrial truck type.....	No. of units			
3691221	Mining and other locomotive type.....	No. of units			
3691231	Other motive power type storage batteries (Specify kind) .....	No. of units			
	.....	No. of units			
3691241	Farm and emergency lighting storage batteries.....	No. of units			
3691251	Communication storage batteries (including radio, telephone and telegraph, and railroad signalling).....	Dollars			
3691261	Railway diesel starting batteries.....	No. of units			
3691271	Railway air conditioning and car lighting batteries.....	No. of units			
3691298	Other storage batteries (Specify kind) .....	No. of units			
	.....	No. of units			
36913--	PARTS AND SUPPLIES FOR STORAGE BATTERIES				
3691311	Parts and supplies for storage batteries.....	Dollars			

MAJOR GROUP 36 - ELECTRICAL MACHINERY--Continued

(A)	(B)	(D)	(E)	Total number of cells included in units reported in column (D) (I)
<b>INDUSTRY 3692 - PRIMARY BATTERIES (DRY AND WET) - MC-36S</b>				
36920--	PRIMARY BATTERIES (DRY AND WET)			
3692011	Dry cell primary batteries (except military type)			
	General purpose (6-inch), 1.5-volt dry cells, single and multiple unit...			
	Flashlight			
3692021	Standard.....			
3692023	Medium.....			
3692025	Penlight.....			
3692031	Railroad lantern type.....			
3692041	Hearing aid A.....			
3692045	Hearing aid B.....			
	A, B, and C (other than hearing aid)			
3692051	Portable radio types.....			
	Farm radio types			
3692053	Farm pack.....			
3692057	Other farm types.....			
3692059	Other types.....			
3692061	Other dry cell primary batteries (except military type) (Specify kind)			
	.....			
	.....			
3692071	Dry cell primary batteries (military type)			
3692073	General purpose (6-inch), 1.5-volt dry cells, single and multiple unit...			
3692075	Flashlight, standard.....			
3692079	Portable radio types.....			
3692081	Other dry cell primary batteries (military type).....			
3692085	Wet cell primary batteries.....			
	Parts and supplies for primary batteries.....			
<b>INDUSTRY 3693 - X-RAY AND THERAPEUTIC APPARATUS - MC-36T</b>				
36931--	X-RAY EQUIPMENT AND X-RAY TUBES			
3693111	Complete combination units			
3693115	Medical X-ray units (excluding dental).....			
3693117	Dental X-ray units.....			
	Industrial X-ray units.....			
	Assemblies of X-ray equipment (excluding complete X-ray units)			
3693131	Assemblies of medical X-ray components (excluding dental).....			
3693135	Assemblies of dental X-ray components.....			
3693137	Assemblies of industrial X-ray components.....			
	Components for X-ray equipment, sold separately (excluding tubes but including transformers, tube stands, and diffraction equipment)			
3693145	Medical X-ray components (excluding dental).....			
3693151	Dental X-ray components.....			
3693157	Industrial X-ray components.....			
3693163	X-ray accessories (excluding photographic).....			
3693175	X-ray rectifying valves.....			
3693181	X-ray tubes, other than rectifying valves.....			
3693198	Miscellaneous X-ray equipment and collateral devices (including gamma-ray (radium) radiographic equipment).....			
36932--	ELECTRO-THERAPEUTIC APPARATUS (INCLUDING INFRARED AND ULTRAVIOLET)			
3693211	Ultraviolet health lamp fixtures (excluding lamp bulbs sold separately)...			
3693231	Infrared health lamp fixtures (excluding lamp bulbs sold separately).....			
3693251	Electrodiathermic and similar apparatus (Specify kind)			
	.....			
	.....			
3693261	Electromedical apparatus (including cardiographs) (Specify kind)			
	.....			
	.....			
	.....			



MAJOR GROUP - 36 ELECTRICAL MACHINERY--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3699 - ELECTRICAL PRODUCTS, N.E.C. MC-36U				
36991--	LAMP COMPONENTS			
3699111	Electric lamp bases.....	Dollars		
3699151	Cold cathode fluorescent lamp electrodes.....	Number		
3699198	Other electric lamp components (including supports, lead-ins, and filaments, but excluding lamp bulb blanks).....	Dollars		
36992--	ELECTRICAL HEARING AIDS			
3699211	Electrical hearing aids.....	Number		
36993--	APPLIANCE WIRE AND CORD AND FLEXIBLE CORD SETS (SEE ALSO INDUSTRIES 3392 AND 3631) <sup>1</sup>			
3699311	Flexible cord sets.....	Dollars		
	Appliance wire and cord			
3699321	Fixture wire (including heat resistant).....	Dollars		
	Flexible cord (including heater cord)			
3699322	Rubber insulated.....	Dollars		
3699325	Thermoplastic insulated.....	Dollars		
3699329	Other appliance wire and cord (Specify kind)			
	.....	Dollars		
	.....	Dollars		
36994--	ELECTRICAL PRODUCTS, N.E.C.			
3699411	Christmas tree lighting outfits (including value of bulbs made or purchased and assembled in outfits).....	M sets		
3699498	Other electrical products, n.e.c. (Specify kind and unit of measure)			
	.....			
	.....			

<sup>1</sup>Classify in Industry 3699, if plant produces appliance wire and cord and flexible cord sets primarily from purchased insulated wire.

## MAJOR GROUP 37 - TRANSPORTATION EQUIPMENT

(A)		(B)	(D)	(E)
INDUSTRY 3711 - MOTOR VEHICLES (COMBINED WITH CENSUS INDUSTRY 3717)				
INDUSTRY 3712 - PASSENGER-CAR BODIES (COMBINED WITH CENSUS INDUSTRY 3717)				
INDUSTRY 3713 - TRUCK AND BUS BODIES - MC-37A				
37131--	BODIES (TRUCK AND BUS) FOR SALE SEPARATELY			
	Sold to motor vehicle manufactures			
3713111	Truck (platform, stake, van, tank, dump, etc., including interplant transfers).....	No. of units		
3713115	Bus (including interplant transfers).....	No. of units		
	Sold to other than motor vehicle manufacturers			
	Truck			
3713131	Van.....	No. of units		
3713132	Panel, sedan delivery, pick-up.....	No. of units		
3713133	Dump.....	No. of units		
3713134	Stake and platform.....	No. of units		
3713135	Tank.....	No. of units		
3713139	Other (Specify kind) .....	No. of units		
	.....	No. of units		
3713151	Bus.....	No. of units		
37132--	VEHICLES, EXCEPT PASSENGER CARS PRODUCED ON PURCHASED CHASSIS, INCLUDING VALUE OF CHASSIS			
3713211	Ambulances.....	No. of units		
3713221	Hearse and undertakers' wagons.....	No. of units		
3713231	Fire department vehicles.....	No. of units		
3713251	Motor busses, excluding trolley busses.....	No. of units		
3713261	Trucks (including platform, stake, van, tank, dump, etc.).....	No. of units		
3713298	All other highway vehicles, including street cleaning apparatus, rotary and blower type snowplows, pick-up sweepers, non-combat amphibious vehicles, etc. (Specify kind) .....	No. of units		
	.....	No. of units		
INDUSTRY 3714 - MOTOR-VEHICLE PARTS AND ACCESSORIES (COMBINED WITH CENSUS INDUSTRY 3717)				
INDUSTRY 3715 - TRUCK TRAILERS - MC-37A				
37150--	TRUCK TRAILERS AND CHASSIS			
3715011	Complete units (covers products as reported during 1954 on Census Form M45F, "Truck Trailers" and includes complete trailers such as vans, platform, pole, pipe and logging, etc., having one or more axles with a rating of 10,000 pounds or more per axle, but excludes bodies built by you for installation on purchased chassis).....	No. of units		
3715051	Chassis (covers chassis only for sale separately, as reported during 1954 on Census Form M45F, "Truck Trailers").....	No. of units		
3715055	Truck trailers and truck trailer chassis with axles rated less than 10,000 pounds.....	No. of units		
INDUSTRY 3716 - AUTOMOBILE TRAILERS - MC-37A				
37160--	AUTOMOBILE TRAILERS AND CHASSIS			
	Complete units			
3716011	Trailer coaches, housing type.....	No. of units		
3716015	Other automobile trailers (commercial display, utility, camp, etc.).....	No. of units		
3716051	Chassis for automobile trailers, sold separately.....	No. of units		

MAJOR GROUP 37 - TRANSPORTATION EQUIPMENT--Continued

(A)		(B)	(C)	(D)	(E)
INDUSTRY 3717 - MOTOR VEHICLES AND PARTS (THIS IS A CENSUS INDUSTRY WHICH INCLUDES SIC INDUSTRY 3711, MOTOR VEHICLES; SIC INDUSTRY 3712, PASSENGER CAR BODIES; AND SIC INDUSTRY 3714, MOTOR VEHICLE PARTS AND ACCESSORIES - MC-37A AND MC-37B)					
37171--	PASSENGER CARS, KNOCKED DOWN OR ASSEMBLED AND CHASSIS FOR SALE SEPARATELY				
3717111	Complete vehicles, knocked-down or assembled (including in value of shipments the extra equipment billed with all vehicles).....	No. of units			
3717151	Chassis for sale separately.....	No. of units			
37172--	TRUCK TRACTORS, TRUCK CHASSIS AND TRUCKS				
	Vehicles produced on chassis of own manufacture				
	Trucks, truck tractors, and truck chassis, knocked-down or assembled including the number of units and value of shipments for each gross-vehicle-weight category but excluding from the basic chassis the value of bodies and other equipment billed with the vehicles)				
	Basic chassis				
	Gross vehicle weight				
3717211	5,000 pounds and less.....	No. of units			
3717212	5,001-10,000 pounds.....	No. of units			
3717213	10,001-14,000 pounds.....	No. of units			
3717214	14,001-16,000 pounds.....	No. of units			
3717215	16,001-19,500 pounds.....	No. of units			
3717216	19,501-26,000 pounds.....	No. of units			
3717219	Over 26,000 pounds.....	No. of units			
3717231	Bodies and other equipment billed with basic chassis.....	Dollars			
3717251	Other highway vehicles on chassis of your own manufacture including non-combat amphibious vehicles (Specify kind)				
	.....	No. of units			
	.....	No. of units			
37173--	MOTOR COACHES (EXCEPT TROLLEY BUSES)				
3717311	Motor busses, excluding trolley busses.....	No. of units			
37174--	BODIES (PASSENGER CAR)				
3717411	Sold to motor vehicle manufacturers (including interplant transfers).....	No. of units			
3717451	Sold to other than motor vehicle manufacturers.....	No. of units			
37175--	PARTS AND ACCESSORIES FOR MOTOR VEHICLES (EXCEPT BODIES AND AUTOMOBILE OR TRUCK TRAILER CHASSIS)				
	For reports from all plants of manufacturers of complete motor vehicles				
3717511	Replacement parts and accessories for passenger cars, trucks, busses, and trailers for domestic use, including purchased parts and excluding interplant transfers.....	Dollars			
3717512	Export shipments of parts and accessories for passenger cars, trucks, busses, and trailers, including purchased parts.....	Dollars			
3717513	Other bodies (such as trailer bodies) parts and accessories for passenger cars, trucks, busses, and trailers (including interplant transfers within same company and shipments to motor vehicle and trailer manufactures).....	Dollars			
	For reports from all vehicle parts and accessory plants not operated by manufacturers of complete motor vehicles				
	Parts and accessories for passenger cars, trucks, busses, and trailers (excluding rough steel forgings, rough castings, and steel springs)				
3717571	Shipped to motor vehicle and parts manufacturers.....	Dollars			
3717579	Shipped to other customers.....	Dollars			
37176--	FIRE DEPARTMENT VEHICLES				
3717611	Fire department vehicles.....	No. of units			
37177--	COMBAT VEHICLES (WHEELED TACTICAL VEHICLES OR CARRIERS)				
3717711	Combat vehicles, wheeled tactical vehicles or carriers.....	No. of units			



MAJOR GROUP 37 - TRANSPORTATION EQUIPMENT--Continued

(A)	(B)	(C)	(D)	(E)
INDUSTRY 3717 - MOTOR VEHICLES AND PARTS (THIS IS A CENSUS INDUSTRY WHICH INCLUDES SIC INDUSTRY 3711, MOTOR VEHICLES; SIC INDUSTRY 3712, PASSENGER CAR BODIES; AND SIC INDUSTRY 3714, MOTOR VEHICLE PARTS AND ACCESSORIES) - MC-37A AND MC-37B--Continued				
3717X-- PRODUCTION AND USE OF PARTS FOR PASSENGER CARS, TRUCKS, AND BUSES DURING 1954 <sup>1</sup>				
3717X15 Engines, new (with or without cylinder heads, fuel pumps, water pumps, and other standard accessories), gasoline.....	No. of units			
3717X17 Hub and drum assemblies.....	M units			
3717X19 Cylinder heads.....	M units			
3717X21 Fuel pumps.....	M units			
3717X23 Water pumps.....	M units			
3717X25 Mufflers (exhaust).....	M units			
3717X27 Muffler tail pipes.....	M units			
3717X31 Radiators, complete.....	M units			
3717X33 Radiator cores (including cores incorporated in complete radiators).....	M units			
Wheels				
3717X35 Passenger car type.....	M units			
3717X37 Truck and bus type (including those for truck trailers and trailer coaches).....	M units			
3717X41 Universal joints.....	M units			
Transmissions				
Passenger car type				
3717X45 Conventional transmissions.....	M units			
3717X47 Automatic transmissions (including semi-automatic).....	M units			
Truck and bus type				
3717X51 Conventional transmissions.....	M units			
3717X55 Automatic transmissions (including semi-automatic).....	M units			
3717X61 Shock absorbers.....	M units			
3717X63 Rear axle shafts.....	M units			
3717X65 Clutch disc and facing assemblies.....	M units			

<sup>1</sup>On Form MC-37A only, these items include a column (H) which reads: "Used in assembly of new automotive vehicles in 1954, including purchased units - (quantity)."

MAJOR GROUP 37 - TRANSPORTATION EQUIPMENT--Continued

(A)	Report in value column as indicated below (B)	(D)	(E)
INDUSTRY 3721 - AIRCRAFT - MC-37C			
37211 COMPLETE AIRCRAFT, MILITARY TYPE			
Aircraft for U. S. Military customers			
3721111 Man-carrying aircraft completed during 1954 (including airplanes, balloons, airships, passenger and cargo gliders, helicopters, and autogiros).....	Payments received		
37212-- COMPLETE AIRCRAFT, PERSONAL TYPE (UNDER 3,000 LBS. AIR-FRAME WEIGHT)			
For other than U. S. Military customers, man-carrying aircraft completed during 1954 (including airplanes, balloons, airships, passenger and cargo gliders, helicopters, and autogiros)			
One- and two-place planes			
3721211 1-99 total h.p.....	Shipments		
3721213 100-399 total h.p.....	Shipments		
3721215 400 and over total h.p.....	Shipments		
Three- and four-place planes			
3721231 1-99 total h.p.....	Shipments		
3721233 100-399 total h.p.....	Shipments		
3721235 400 and over total h.p.....	Shipments		
Five-place and over planes			
3721251 1-99 total h.p.....	Shipments		
3721253 100-399 total .....	Shipments		
3721255 400 and over total h.p.....	Shipments		
3721298 Other complete aircraft, personal type (under 3,000 lbs. air-frame weight) (Specify and list separately)			
.....	Shipments		
.....	Shipments		
37213-- COMPLETE AIRCRAFT, COMMERCIAL TYPE (3,000 LBS. AIR-FRAME WEIGHT AND OVER)			
For other than U.S. Military customers, man-carrying aircraft completed during 1954 (including airplanes, balloons, airships, passenger and cargo gliders, helicopters and autogiros)			
One- and two-place planes			
3721311 1-99 total h.p.....	Shipments		
3721313 100-399 total hp.....	Shipments		
3721315 400 and over total h.p.....	Shipments		
Three- and four-place planes			
3721331 1-99 total h.p.....	Shipments		
3721333 100-399 total h.p.....	Shipments		
3721335 400 and over total h.p.....	Shipments		
Five-place and over planes			
3721351 1-99 total h.p.....	Shipments		
3721353 100-399 total h.p.....	Shipments		
3721355 400 and over total h.p.....	Shipments		
3721398 Other complete aircraft, commercial type (3,000 lbs. airframe weight and over) (Specify and list separately)			
.....	Shipments		
.....	Shipments		
37214-- MODIFICATIONS, CONVERSIONS, AND OVERHAUL OF PREVIOUSLY DELIVERED AIRCRAFT			
3721411 For U. S. Military.....	Receipts, billings, or value of work done in 1954		
37214 51 For other than U. S. Military.....	Receipts, billings, or value of work done in 1954		
37215-- OTHER AERONAUTICAL SERVICES (INCLUDING RESEARCH AND DEVELOPMENT WORK ON AIRCRAFT)			
3721511 For U. S. Military, other aircraft and aeronautical services (excluding engines and aircraft parts, but including research and development on aircraft designed for U. S. Military customers, and developmental work and shipments of guided missiles made in aircraft plants and considered as aircraft).....	Receipts, billings, or value of work done in 1954		
3721551 Other than U. S. Military, other aeronautical services (excluding engines and aircraft parts, but including research and development work on aircraft designed for other than U. S. Military customers).....	Receipts, billings, or value of work done in 1954		
3721X-- VALUE OF WORK DONE ON AIRCRAFT (MILITARY AND NON-MILITARY)			
3721X11 For U. S. Military customers, total value of work done (excluding modifications, conversions, and other aeronautical services to be reported below) during 1954 on man-carrying aircraft (including cost of materials consumed during 1954, labor, overhead, etc.).....	Receipts, billings, or value of work done in 1954		
3721X51 For other than U. S. Military customers, total value of work done during 1954 on man-carrying aircraft for other than U. S. Military customers (including cost of materials consumed during 1954, labor, overhead, and profits.).....	Receipts, billings, or value of work done in 1954		

MAJOR GROUP 37 - TRANSPORTATION EQUIPMENT--Continued

(A)		Report in value column as indicated below (B)	(D)	(E)		
<b>INDUSTRY 3722 - AIRCRAFT ENGINES - MC-37C</b>						
37221--	AIRCRAFT ENGINES					
	For U. S. Military customers, aircraft engines (excluding engines for non-man-carrying aircraft)					
3722111	Reciprocating.....	Shipments				
3722115	Jet.....	Shipments				
	For other than U. S. Military customers, aircraft engines, reciprocating, aircooled					
3722151	Horizontally opposed.....	Shipments				
3722153	Vertically opposed.....	Shipments				
3722155	Radial.....	Shipments				
3722198	Other nonmilitary aircraft engines.....	Shipments				
<b>INDUSTRY 3722-- AIRCRAFT ENGINE PARTS</b>						
3722211	For U. S. Military customers, aircraft engine parts and accessories.....	Shipments				
3722251	For other than military customers, aircraft engine parts and accessories.....	Shipments				
<b>INDUSTRY 37223-- OTHER AERONAUTICAL SERVICES (INCLUDING RESEARCH AND DEVELOPMENT WORK ON AIRCRAFT ENGINES)</b>						
3722311	Other aeronautical services (excluding aircraft and aircraft parts, but including research and development on aircraft engines designed for U. S. Military customers, and developmental work and shipments of engines for non-man-carrying aircraft).....	Shipments or billings in 1954 Receipts, or billings in 1954				
3722351	Research and development work on aircraft engines for other than U. S. Military customers.....					
<b>INDUSTRY 3723 - AIRCRAFT PROPELLERS - MC-37C</b>						
37230--	AIRCRAFT PROPELLERS AND PARTS (EXCLUDING RESEARCH AND DEVELOPMENT)					
3723011	Complete propellers.....	Shipments				
3723031	Propeller blades.....	Shipments				
3723051	Propeller parts, except propeller blades.....	Shipments				
<b>INDUSTRY 3729 - AIRCRAFT EQUIPMENT, N.E.C. - MC-37C</b>						
37291--	AIRCRAFT LANDING GEAR					
3729111	Landing gear.....	Shipments				
<b>INDUSTRY 37292-- OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT</b>						
3729211	Aircraft fuel metering systems.....	Shipments				
3729251	Aircraft hydraulic systems.....	Shipments				
3729298	Other aircraft subassemblies and parts, including parachutes (Specify kind) .....	Shipments				
	.....	Shipments				







MAJOR GROUP 37 - TRANSPORTATION EQUIPMENT--Continued

	Type of ship (e.g., cargo, tanker, passenger-cargo, barge, destroyer, battleship, etc.) (B1)	Materials (e.g., wood, steel, concrete) (B2)	Date of delivery (if not yet delivered, so indicate) (B3)	Propulsion (e.g., turbine, reciprocating Diesel, electric, etc.) (B4)	Horsepower (D)	Value of work done during 1954 (E)	Contract value of each vessel delivered during 1954 (G)	Gross tonnage (H)	Deadweight tonnage (long tons) (I)
INDUSTRY 3731 - SHIP BUILDING AND REPAIRING - MC-37D--Continued									
37315--	SELF-PROPELLED SHIPS - NON-MILITARY SHIPS, NEW CONSTRUCTION--Continued								
	Tankers, up to and including 2,000 gross tons								
	Ocean								
3731541	Steel.....								
3731542	Wood.....								
	Other								
3731543	Steel.....								
3731544	Wood.....								
	Tankers, over 2,000 gross tons, steel..								
3731546	Ocean.....								
3731548	Other.....								
	Fishing trawlers								
3731551	Steel.....								
3731552	Wood.....								
	Towboats								
3731553	Steel.....								
3731554	Wood.....								
	Tugboats								
3731555	Steel.....								
3731556	Wood.....								
	Fireboats								
3731557	Steel.....								
3731558	Wood.....								
	Passenger-auto ferry boats								
3731559	Steel.....								
3731560	Wood.....								
	Dredges								
3731561	Steel.....								
3731562	Wood.....								
	Railroad car ferries								
3731563	Steel.....								
3731564	Wood.....								
	Yachts								
3731565	Steel.....								
3731566	Wood.....								
	Fishing boats								
3731567	Steel.....								
3731568	Wood.....								
	Drift collectors								
3731569	Steel.....								
3731570	Wood.....								
	Lighters								
3731571	Steel.....								
3731572	Wood.....								
	Excursion boats.....								
3731573	Steel.....								
3731574	Wood.....								
	Harbor patrol craft								
3731575	Steel.....								
3731576	Wood.....								
	Other self-propelled ships - non-military								
3731581	Steel.....								
3731585	Wood.....								
					Vessels upon which work was done during 1954				
					Number (D)	Value (E)			
37316--	SHIP REPAIR - NON-MILITARY								
	Repair work done on ships (propelled and nonpropelled) including conversions and reconversions, commercial or pleasure								
3731611	Maritime Commission.....								
3731651	All other.....								



## MAJOR GROUP 37 - TRANSPORTATION EQUIPMENT--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3732 - BOAT BUILDING AND REPAIRING - MC-37D				
37321--	BOATS FOR U. S. MILITARY			
3732111	Boats of special Army, Navy, or Coast Guard design built during 1954, new construction (Specify kind and length)			
	.....	No. of units		
	.....	No. of units		
37322--	BOAT REPAIR - U. S. MILITARY			
3732211	Receipts for repair work done in 1954 on Army, Navy, or Coast Guard boats.....	Dollars		
37323--	BOATS, NON-MILITARY			
	Boats, new construction (other than specially designed types built for the Army, Navy, or Coast Guard)			
	Motorboats, inboard (excluding sailboats with auxiliary power, lifeboats, and prefabricated boat construction kits)			
3732311	Less than 16 feet in length.....	No. of units		
3732313	16 feet or over and less than 26 feet in length.....	No. of units		
3732315	26 feet or over and less than 40 feet in length.....	No. of units		
3732317	40 feet or over and less than 65 feet in length.....	No. of units		
3732319	65 feet or more in length.....	No. of units		
	Sailboats (excluding prefabricated boat construction kits)			
3732321	Sailboats with permanently installed auxiliary power.....	No. of units		
3732325	Sailboats without permanently installed auxiliary power.....	No. of units		
3732331	Canoes (including square stern canoes).....	No. of units		
3732341	Rowboats, skiffs, dinghies, and similar craft (excluding prefabricated boat construction kits).....	No. of units		
3732351	Lifeboats.....	No. of units		
3732361	Prefabricated boat construction kits (Specify kind)			
	.....	No. of units		
	.....	No. of units		
3732398	Other boats (Specify kind)			
	.....	No. of units		
	.....	No. of units		
37324--	BOAT REPAIR - NON-MILITARY			
3732411	Receipts for repair work done in 1954 on all boats other than Army, Navy, or Coast Guard.....	Dollars		

MAJOR GROUP 37 - TRANSPORTATION EQUIPMENT--Continued

(A)	(B)	(D)	(E)	Weight of items reported in column (D) (short tons) (H)
<b>INDUSTRY 3741 - LOCOMOTIVES AND PARTS - MC37E</b>				
<b>37411-- NEW LOCOMOTIVES AND PARTS</b>				
Railroad road service type locomotives (complete assemblies) (including combination line and switching type)				
3741111	Steam, excluding turbines (including in "value" the tenders shipped with locomotives).....	No. of units		
3741121	Straight-electric.....	No. of units		
Diesel-electric				
A units (including self-contained and single units)				
3741131	Under 2,000 horsepower (Specify hp. _____).....	No. of units		
3741135	2,000 horsepower and over (Specify hp. _____).....	No. of units		
B units				
3741141	Under 2,000 horsepower (Specify hp. _____).....	No. of units		
3741145	2,000 horsepower and over (Specify hp. _____).....	No. of units		
3741151	Other railroad road service type, such as steam turbines (Specify kind).....	No. of units		
	.....	No. of units		
<b>37412-- LOCOMOTIVES--SWITCHING TYPE</b>				
3741211	Steam (including in "value" the tenders shipped with locomotives).....	No. of units		
3741221	Straight-electric.....	No. of units		
Diesel-electric				
3741231	Under 1,000 horsepower.....	No. of units		
3741235	1,000 horsepower and over.....	No. of units		
3741298	Other switching type (Specify kind).....	No. of units		
	.....	No. of units		
<b>37413-- LOCOMOTIVES--INDUSTRIAL AND MINING TYPE</b>				
Industrial type				
3741311	Diesel-electric and Diesel-mechanical.....	No. of units		
3741315	Electric (storage battery, overhead, and third rail).....	No. of units		
3741317	Other industrial type (Specify kind).....	No. of units		
	.....	No. of units		
Mining type				
3741331	Electric (storage battery, overhead, and third rail).....	No. of units		
3741335	Other mining type (Specify kind).....	No. of units		
	.....	No. of units		
<b>37414-- PARTS FOR LOCOMOTIVES, FOR SALE SEPARATELY</b>				
3741411	Tenders, for sale separately.....	No. of units		
3741451	Parts for locomotives for sale separately.....	Dollars		
<b>37415-- REBUILT LOCOMOTIVES</b>				
3741511	Rebuilt locomotives (Rebuilt locomotives include those which were dismantled and improved and modernized to such an extent as to create an expectation of life comparable with that of newly built units, but exclude those which were reconditioned by replacing defective parts. Do not include conversions or classifications.).....	No. of units		

MAJOR GROUP 37 - TRANSPORTATION EQUIPMENT--Continued

(A)	(E)	(D)	(E)	Weight of items reported in column (D) (short tons) (H)
<b>INDUSTRY 3742 - RAILROAD AND STREET CARS - MC-37E</b>				
<b>37421-- PASSENGER TRAIN CARS, NEW</b>				
3742111 Coach.....	No. of units			
3742113 Coach combination.....	No. of units			
3742121 Baggage, express, and nonpassenger combination.....	No. of units			
3742131 Sleeping and sleeping combination.....	No. of units			
3742141 Club, lounge, parlor, observation, and combination.....	No. of units			
3742151 Dining and dining combination.....	No. of units			
3742161 Postal and postal nonpassenger combination.....	No. of units			
3742171 Express refrigeration and milk.....	No. of units			
3742198 Other passenger train cars (Specify kind)				
.....	No. of units			
.....	No. of units			
<b>37422-- FREIGHT TRAIN CARS, NEW</b>				
3742211 Box.....	No. of units			
3742215 Flat.....	No. of units			
3742221 Stock.....	No. of units			
3742225 Gondola.....	No. of units			
3742231 Hopper (covered).....	No. of units			
3742233 Hopper (uncovered).....	No. of units			
3742235 Tank.....	No. of units			
3742241 Refrigerator.....	No. of units			
3742245 Caboose.....	No. of units			
3742251 Industrial rail cars (not suitable for use on common carriers).....	No. of units			
3742298 Other freight train cars (Specify kind)				
.....	No. of units			
.....	No. of units			
<b>37423-- STREET, RAPID TRANSIT AND INTER-URBAN CARS, TROLLEY BUSESSES, SELF-PROPELLED CARS</b>				
3742311 Self-propelled cars, such as railroad service cars, track inspection and maintenance cars (including only those cars not deriving power from an outside source, and excluding maintenance of way equipment used with these cars).....	No. of units			
<b>Street, rapid transit, and interurban cars</b>				
3742331 Interurban, subway, and other heavy electric cars, including trail cars (when multi-unit cars are shipped, count each component as a separate unit).....	No. of units			
3742351 Street railway cars.....	No. of units			
3742371 Trackless trolley cars.....	No. of units			
<b>37424-- PARTS AND ACCESSORIES FOR RAILROAD AND STREET CARS FOR SALE SEPARATELY</b>				
3742411 Parts for passenger and freight train cars, self-propelled cars, and street, rapid transit, and interurban cars (For sale separately).....	Dollars			
<b>37425-- REBUILT PASSENGER AND FREIGHT TRAIN CARS (Rebuilt railroad and street cars include those which were classified and improved and modernized to such an extent as to create an expectation of life comparable with that of newly built units, but exclude those which were reconditioned by replacing defective parts. Do not include conversion or reclassification)</b>				
3742511 Rebuilt passenger train cars.....	No. of units			
3742551 Rebuilt freight train cars.....	No. of units			



MAJOR GROUP 37 - TRANSPORTATION EQUIPMENT--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 3751 - MOTORCYCLES AND BICYCLES - MC-37F</b>				
37511--	MOTORCYCLES, MOTOR BIKES, MOTORSCOOTERS AND PARTS			
3751111	Motorcycles (including 3-wheel but excluding sidecars).....	No. of units		
3751121	Motor scooters.....	No. of units		
3751131	Motorbikes.....	No. of units		
3751141	Parts for motorcycles (including sidecars).....	Dollars		
3751151	Parts for motorbikes and motorscooters, including bicycle engines (excluding motorbike parts which are interchangeable with bicycle parts).	Dollars		
37512--	BICYCLES AND PARTS			
3751211	Bicycles, complete.....	No. of units		
3751251	Parts for bicycles, including frame sets (including motorbike parts which are interchangeable with bicycle parts).....	Dollars		
<b>INDUSTRY 3799 - TRANSPORTATION EQUIPMENT, N.E.C. - MC-37G</b>				
37990--	TRANSPORTATION EQUIPMENT, N.E.C.			
	Farm wagons, trucks, and other farm transportation equipment			
	Wagons and trucks (chassis only) and trailer gears			
3799011	2-wheel.....	No. of units		
3799015	4-wheel.....	No. of units		
3799017	Boxes and racks for mounting on wagons, trucks, and trailer gears.....	No. of units		
3799019	Other farm transportation equipment.....	Dollars		
3799021	Attachments for farm wagons, trucks, and other farm transportation equipment....	Dollars		
3799025	Parts for farm wagons, trucks, and other farm transportation equipment.....	Dollars		
3799031	Hand carts and push carts, including parts and attachments.....	Dollars		
	Wheelbarrows			
3799051	All metal.....	No. of units		
3799055	Other (wood, wood and metal, etc.).....	No. of units		

## NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## MAJOR GROUP 38 - INSTRUMENTS AND RELATED PRODUCTS

(A)		(B)	(D)	(E)
<b>INDUSTRY 3811 - SCIENTIFIC INSTRUMENTS - MC-38A</b>				
38111--	<b>AIRCRAFT FLIGHT INSTRUMENTS AND AUTOMATIC PILOTS</b>			
3811111	Aircraft flight instruments and automatic pilots.....	Dollars		
3811198	Other aircraft, nautical, and navigational instruments (Specify kind) .....	Dollars		
	.....	Dollars		
38112--	<b>SURVEYING AND DRAFTING INSTRUMENTS</b>			
3811211	Surveying and drafting instruments and apparatus (including surveying instruments, transits, drawing instruments, drafting machines, slide rules, planimeters, integraters, etc.).....	Dollars		
38113--	<b>LABORATORY AND SCIENTIFIC INSTRUMENTS</b>			
3811311	Scientific instruments, other than those listed above, and laboratory apparatus (Excluding aircraft, nautical, and navigational instruments and apparatus, electrical quantity measuring instruments, and industrial process instruments) (Specify kind) .....	Dollars		
	.....	Dollars		
<b>INDUSTRY 3821 - MECHANICAL MEASURING INSTRUMENTS - MC-38A</b>				
38211--	<b>AIRCRAFT AND NAUTICAL INSTRUMENTS, EXCEPT FLIGHT INSTRUMENTS</b>			
3821111	Aircraft engine instruments.....	Dollars		
38212--	<b>INTEGRATING METERS, NONELECTRICAL TYPE</b>			
3821211	Gas meters.....	Number		
3821231	Water meters.....	Number		
3821298	Other liquid meters, except electric, including gasoline dispensing (Specify kind) .....	Dollars		
	.....	Dollars		
38213--	<b>INDUSTRIAL PROCESS INSTRUMENTS, INCLUDING INDICATING, RECORDING AND CONTROLLING INSTRUMENTS (EXCLUDING AIRCRAFT, NAUTICAL, NAVIGATIONAL, ELECTRICAL QUANTITY MEASURING AND AUTOMOTIVE TYPES)</b>			
	Temperature			
	Thermometers (glass stem and bi-metal)			
3821311	Industrial and laboratory.....	Number		
3821313	Clinical.....	Number		
3821315	Household.....	Number		
3821321	Temperature instruments, other than thermometers.....	Dollars		
3821331	Pressure and vacuum.....	Dollars		
3821341	Fluid flow and liquid level.....	Dollars		
3821351	Physical properties testing and inspection equipment, including hardness, strength of materials, wear, abrasion, and similar testers.....	Dollars		
3821398	Other industrial process instruments (Specify kind) .....	Dollars		
	.....	Dollars		
38214--	<b>MOTOR-VEHICLE INSTRUMENTS</b>			
3821411	Speedometer for motor vehicles.....	Number		
3821498	Other motor vehicle indicating instruments, except electric (fuel level, oil pressure, etc.) (Specify kind) .....	Number		
	.....	Number		
38215--	<b>AUTOMATIC TEMPERATURE CONTROLS</b>			
3821511	Automatic temperature controls, activated by pressure, temperature, level, flow, time, or humidity (including pneumatic controls) of the type principally used as components of air-conditioning, refrigeration, and comfort heating, or as components of major household appliances.....	Dollars		
38216--	<b>OTHER MECHANICAL MEASURING INSTRUMENTS</b>			
3821611	Other mechanical measuring instruments (Specify kind) .....	Dollars		
	.....	Dollars		

MAJOR GROUP 38 - INSTRUMENTS AND RELATED PRODUCTS--Continued

(A)		(B)	(C)	(E)
<b>INDUSTRY 3831 - OPTICAL INSTRUMENTS AND LENSES - MC-38B</b>				
19410--	SIGHTING AND FIRE-CONTROL EQUIPMENT (SEE ALSO INDUSTRY 1941) <sup>1</sup>			
	Electronic type			
1941011	Airborne.....	Dollars		
1941031	Shipboard.....	Dollars		
1941051	Other (Specify kind).....	Dollars		
1941098	All other sighting and fire-control equipment (Specify kind).....	Dollars		
38310--	OPTICAL INSTRUMENTS AND LENSES			
3831011	Photographic and projection lenses and prisms, for sale separately.....	Dollars		
3831031	Field glasses, prismatic and nonprismatic; terrestrial and celestial telescope.....	Dollars		
3831051	Microprojectors, and photomicrographic equipment.....	Dollars		
3831053	Microscopes.....	Dollars		
3831071	Optical measuring instruments (refractometers, colorimeters, spectrometers, spectrographs, spectrophotometers, polariscopes, contour projectors, metallographic equipment, etc.).....	Dollars		
3831098	Other optical instrument, lenses, parts and accessories (Specify kind).....	Dollars		
<sup>1</sup> Classify in Industry 3831, if plant also produces optical lenses and prisms.				
<b>INDUSTRY 3841 - SURGICAL AND MEDICAL INSTRUMENTS - MC-38C</b>				
38410--	SURGICAL AND MEDICAL INSTRUMENTS			
	Surgical instruments			
3841011	Steel instruments for general surgery.....	Dollars		
3841013	Soft metal instruments such as speculums, etc.....	Dollars		
3841015	Surgical knives and blades.....	Dollars		
3841017	Suture needles.....	Number		
3841031	Orthopedic instruments, such as bone drills, bone plates, etc. (eye, ear, nose, and throat instruments, should be included in 3841011 and 3841013 above.).....	Dollars		
3841041	Veterinary instruments (including instruments for horses, cattle, small animals, and poultry).....	Dollars		
3841051	Diagnostic apparatus (including such items as metabolism and blood pressure apparatus, ophthalmoscopes, otoscopes, cystoscopes, etc.).....	Dollars		
3841061	Hypodermic syringes.....	Number		
3841071	Hypodermic needles.....	Number		
3841098	Other surgical and medical instruments (including anesthesia apparatus, slit lamps, etc.) (Specify kind).....	Dollars		
		Dollars		
<b>INDUSTRY 3842 - SURGICAL APPLIANCES AND SUPPLIES - MC-38C</b>				
38421--	SANITARY NAPKINS AND TAMPONS			
3842111	Sanitary napkins.....	Gross dozens		
3842151	Tampons.....	Gross dozens		
38422--	SURGICAL AND ORTHOPEDIC APPLIANCES AND SUPPLIES			
3842211	Orthopedic appliances (braces).....	Dollars		
3842215	Sterilizers (including hospital and surgical).....	Dollars		
3842221	Surgical dressings (including cotton, gauze, and bandages in all their various forms and applications).....	Dollars		
3842225	Sterile surgical sutures.....	Dollars		
3842231	Unsterilized suture materials.....	Dollars		
3842235	Artificial limbs (prosthetic).....	Dollars		
3842238	Elastic stockings.....	Dollars		
3842241	Elastic braces, suspensories, and other elastic supports.....	Dollars		
3842245	Arch supports and other foot appliances.....	Dollars		
3842251	Trusses.....	Dollars		
3842255	Adhesive plaster (medicated and non-medicated).....	Dollars		
3842261	Corn removers, union pads, etc. (Specify kind).....	Dollars		
		Dollars		
3842271	Personal safety devices such as first-aid kits, shake-bite outfits, etc. (Specify kind).....	Dollars		
		Dollars		
3842298	Other surgical and orthopedic items not included in above categories (Specify kind).....	Dollars		
		Dollars		



## MAJOR GROUP 38 - INSTRUMENTS AND RELATED PRODUCTS--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 3843 - DENTAL EQUIPMENT AND SUPPLIES - MC-38D</b>				
38430--	DENTAL INSTRUMENTS, EQUIPMENT AND SUPPLIES			
	Dental metals			
3843011	Precious.....	Troy ounce		
3843015	Non-precious.....	Troy ounce		
3843021	Dental alloys for amalgams.....	Troy ounce		
	Teeth			
3843031	Porcelain.....	M teeth		
3843035	Resinous.....	M teeth		
3843041	Denture materials.....	Dollars		
3843047	Dental office equipment (including dental chairs, equipment units, cabinets, lights, etc.).....	Dollars		
3843051	Dental laboratory equipment (including furnaces, casting machines, lathes, benches, polishing units, flasks, blow pipes, presses, etc.).....	Dollars		
3843057	Dental hand instruments (forceps and pliers, broaches, cutting instruments, etc.).....	Dollars		
3843061	Burrs, diamond points, abrasive points, wheels, disks, and similar tools for use with hand pieces.....	Dollars		
3843071	Waxes, cements, dental gypsums, impression materials, and other consumable supplies including low-fusing alloys.....	Dollars		
3843098	Other dental products including dental sterilizers, excluding X-ray equipment (Specify kind).....	Dollars		
	.....	Dollars		
<b>INDUSTRY 3851 - OPHTHALMIC GOODS - MC-38B</b>				
38510--	OPHTHALMIC GOODS			
	Ophthalmic metal frames, mountings, and parts			
3851011	Semirimless mountings.....	M units		
3851019	Other metal frames, mountings, and temples or parts shipped separately (in quantity column, report the total number of other metal frames and mountings only).....	M units		
3851023	Ophthalmic plastic frames and parts (with or without decorations).....	M units		
3851025	Ophthalmic combination-plastic and metal frames and parts (with or without decorations). Ophthalmic focus lenses	M units		
3851031	Single vision lenses, ground and polished.....	M units		
3851033	Single vision moulded blanks.....	M units		
3851035	Multivision lenses (bifocals and trifocals; finished and semi-finished and moulded blanks).....	M units		
3851041	Industrial goggles, eye protectors, mountings, and parts.....	Dollars		
3851051	Sun or glare glasses and sungoggles.....	M units		
3851061	Sun glass frames.....	M units		
3851098	Other ophthalmic goods, instruments, apparatus, and accessories (test charts, simple readers and magnifiers, holders, etc.) (Specify kind).....	Dollars		
	.....	Dollars		

MAJOR GROUP 38 - INSTRUMENTS AND RELATED PRODUCTS--Continued

(A)	(B)	(D)	(E)
INDUSTRY 3861 - PHOTOGRAPHIC EQUIPMENT AND SUPPLIES - MC-38E			
38611-- STILL PICTURE EQUIPMENT (EXCLUDING PHOTOCOPIING, MICROFILMING, BLUEPRINTING, VANDYKE AND WHITEPRINTING)			
Still cameras (excluding photocopying and microfilming, etc.)			
Hand type cameras			
Variable focus (or focusing type) with adjustable shutter speeds			
Using roll film, 35 mm or under			
3861111 Stereoscopic.....	No. of units		
3861113 All other.....	No. of units		
3861115 Using roll film, or paper, over 35 mm.....	No. of units		
3861117 Using sheet and pack film.....	No. of units		
3861119 Other hand types (fixed focus and/or time and single shutter speed) using roll film.....	No. of units		
Process cameras for photoengraving and photolithography			
Cameras, under 31" x 31".....	No. of units		
Cameras, 31" x 31" and over.....	No. of units		
3861121 Other still cameras, including view and studio for tripod or stand but excluding photocopying and microfilming (Specify kind).....	No. of units		
3861141 Projectors (including slide, lantern, strip film, etc).....	No. of units		
3861151 Enlargers.....	Dollars		
3861198 Other still picture equipment, parts, attachments, and accessories (excluding lenses for sale separately) (Specify kind).....	No. of heads		
.....	Dollars		
.....	Dollars		
38612-- PHOTOCOPIING AND MICROCOPYING EQUIPMENT			
3861211 Photocopying equipment (including contact type but excluding blueprint and photostat machines).....	Dollars		
3861213 Microfilming equipment (including cameras, readers, and microfilming enlargers).....	Dollars		
Blueprinting, Vandyke and whiteprinting equipment			
Blueprinting and Vandyke equipment.....	Dollars		
Whiteprinting equipment (direct process type).....	Dollars		
38613-- 8MM AND 16MM MOTION PICTURE EQUIPMENT			
Cameras			
16 mm.....	No. of units		
8 mm.....	No. of units		
Projectors			
16 mm sound, optical type only.....	No. of units		
.16 mm sound, magnetic or combination types.....	No. of units		
16 mm silent.....	No. of units		
8 mm.....	No. of units		
Motion picture projection screens.....	Dollars		
3861398 8 mm and 16 mm motion picture parts, attachments, accessories, and other 8 mm and 16 mm miscellaneous motion picture equipment, including sound recording, developing, and printing (including 32 mm) equipment (excluding lenses for sale separately).....	Dollars		
.....	Dollars		
38614-- 35 MM MOTION PICTURE EQUIPMENT			
3861411 Cameras.....	No. of units		
Projectors			
Standard projector mechanisms (including unit-type projectors).....	No. of units		
Sound reproducing equipment.....	Dollars		
Arc lamphouses.....	No. of units		
3861421 35 mm motion picture parts, attachments, accessories, and other 35 mm miscellaneous motion picture equipment, including sound recording, developing, printing laboratory and studio equipment (excluding lenses for sale separately).....	Dollars		
.....	Dollars		

MAJOR GROUP 38 - INSTRUMENTS AND RELATED PRODUCTS--Continued

	(A)	(B)	(D)	(E)
<b>INDUSTRY 3861 - PHOTOGRAPHIC EQUIPMENT AND SUPPLIES - MC-38E--Continued</b>				
38615--	PHOTOGRAPHIC SENSITIZED FILM AND PLATES (SILVER HALIDE TYPE)			
	Motion picture black and white film (excluding microfilm)			
	Positive (including news, duplicating, and other positive types)			
3861511	35 mm.....	M Lin. ft.-35mm		
3861515	16 mm (including 8 mm and 32 mm, report in terms of 16 mm lin. ft.).....	M Lin. ft.-16mm		
	Negative (including duplicating negative, reversal, and other negative types)			
3861521	35 mm.....	M Lin. ft.-35mm		
3861525	16 mm (including 8 mm and 32 mm, report in terms of 16 mm lin. ft.).....	M Lin. ft.-16mm		
	Motion picture color film			
	Positive (including news, duplicating, and other positive types)			
3861531	35 mm.....	M Lin. ft.-35mm		
3861535	16 mm (including 8 mm and 32 mm, report in terms of 16 mm lin. ft.).....	M Lin. ft.-16mm		
	Negative (including duplicating negative, reversal, and other negative types)			
3861551	35 mm.....	M Lin. ft.-35mm		
3861555	16 mm (including 8 mm and 32 mm, report in terms of 16 mm lin. ft.).....	M Lin. ft.-16mm		
	Still picture black and white film			
	Amateur-type roll film			
3861561	35 mm and under.....	M TSFSM		
3861562	Over 35 mm.....	M TSFSM		
3861563	X-ray film.....	M TSFSM		
3861564	Sheet film and pack film.....	M TSFSM		
3861565	Graphic arts film.....	M TSFSM		
3861566	Photographic glass plates and slides.....	M TSFSM		
3861569	Other film (aerofilm, microfilm, etc.) (Specify kind)			
	.....	M TSFSM		
	.....	M TSFSM		
	Still picture color film			
	Amateur-type roll film			
3861571	35 mm and under.....	M TSFSM		
3861575	Over 35 mm.....	M TSFSM		
3861577	All other (including sheet and pack).....	M TSFSM		
38616--	SENSITIZED PHOTOGRAPHIC PAPER AND CLOTH, SILVER HALIDE TYPE			
	Silver halide type			
3861611	Designed for continuous-tone reproduction (photo finishing portraiture, etc.)...	M TSFSM		
3861615	Designed for line reproduction, photocopying, and recording.....	M TSFSM		
38617--	SENSITIZED PAPER AND CLOTH OTHER THAN SILVER HALIDE TYPE			
3861711	Blueprint type.....	M TSFSM		
3861721	Vandyke type.....	M TSFSM		
3861731	Diazo type.....	M TSFSM		
38618--	PREPARED PHOTOGRAPHIC CHEMICALS			
3861811	Prepared photographic chemicals: developers, fixers, toners, and other chemicals specially prepared and packaged for use in photography.....	Dollars		
<b>INDUSTRY 3871 - WATCHES AND CLOCKS - MC-38F</b>				
38711--	CLOCKS			
	Electric clocks, complete, frequency, motor(synchronous or subsynchronous, except as specified below in "Other clocks, complete")			
3871111	Alarm (excluding clock timers and timing mechanisms).....	Number		
3871113	Household, except alarm (including chime and strike, kitchen, desk, mantel, wall, and timers and switch clocks having hands and dials for telling time of day)...	Number		
3871115	Commercial.....	Number		
	Spring wound and weight operated clocks (except automobile clocks and as specified below in "Other clocks, complete")			
3871121	Alarm.....	Number		
3871122	Household and commercial, except alarm (including chime and strike, kitchen, desk, mantel, wall, and timers and switch clocks having hands and dials for telling time of day).....	Number		
3871127	Automobile clocks (including manual, self-winding, and electric).....	Number		
3871131	Other clocks, complete (tower, street, master, magnet operated secondary clocks, chronometers, etc.) (Specify types included)			
	.....	Dollars		
	.....	Dollars		
3871153	Clock movements, complete, for timepiece use (including electric and spring wound).	Number		
	Timing mechanisms, not for timepiece use (including interval timers, driving, recording, and other devices, but excluding time recording and time stamp machines)			
3871161	Electric.....	Number		
3871165	Spring wound.....	Number		



MAJOR GROUP 38 - INSTRUMENTS AND RELATED PRODUCTS--Continued

(A)	(B1)	Specify type of watch (men's wrist, women's pocket or other) (B2)	Specify type of escapement (pin lever or jewel) (B3)	Specify type of movement (domestic or imported) (B4)	Jeweled or non-jeweled (state number of jewels if jeweled) (B5)	(D)	(E)
<b>INDUSTRY 3871 - WATCHES AND CLOCKS - MC-38F--Continued</b>							
38712--		<b>WATCHES WITH DOMESTIC MOVEMENTS - JEWEL LEVER ESCAPEMENT TYPE</b>					
		Non-jeweled watches					
3871201	Number	Men's wrist.....					
3871202	Number	Women's wrist.....					
3871203	Number	Pocket and other.....					
		Jeweled watches					
		Men's wrist					
3871211	Number	7 jewels and under.....					
3871213	Number	8-17 jewels.....					
3871215	Number	Over 17 jewels.....					
		Women's wrist					
3871221	Number	7 jewels and under.....					
3871223	Number	8-17 jewels.....					
3871225	Number	Over 17 jewels.....					
		Pocket					
3871231	Number	7 jewels and under.....					
3871233	Number	8-17 jewels.....					
3871235	Number	Over 17 jewels.....					
		Other jeweled watches					
3871241	Number	7 jewels and under.....					
3871243	Number	8-17 jewels.....					
3871245	Number	Over 17 jewels.....					
38713--		<b>WATCHES WITH DOMESTIC MOVEMENTS - PIN LEVER ESCAPEMENT TYPE</b>					
		Non-jeweled watches					
3871305	Number	Men's wrist.....					
3871306	Number	Women's wrist.....					
3871307	Number	Pocket and other.....					
		Jeweled watches					
		Men's wrist					
3871351	Number	7 jewels and under.....					
3871355	Number	Over 7 jewels.....					
		Women's wrist					
3871361	Number	7 jewels and under.....					
3871365	Number	Over 7 jewels.....					
		Pocket					
3871371	Number	7 jewels and under.....					
3871375	Number	Over 7 jewels.....					
		Other					
3871381	Number	7 jewels and under.....					
3871385	Number	Over 7 jewels.....					

## MAJOR GROUP 38 - INSTRUMENTS AND RELATED PRODUCTS--Continued

(A)	(B1)	Specify type of watch (men's wrist, women's wrist, pocket or other) (B2)	Specify type of escapement (pin lever or jewel) (B3)	Specify type of movement (domestic or imported) (B4)	Jeweled or non-jeweled (state number of jewels if jeweled) (B5)	(D)	(E)
<b>INDUSTRY 3871 - WATCHES AND CLOCKS - MC-38F--Continued</b>							
38714--	WATCHES WITH IMPORTED MOVEMENTS (ALL TYPES)						
	Non-jeweled watches						
	Jeweled lever escapement types						
3871401	Men's wrist.....	Number					
3871402	Women's wrist.....	Number					
3871403	Pocket and other.....	Number					
	Pin lever escapement type						
3871405	Men's wrist.....	Number					
3871406	Women's wrist.....	Number					
3871407	Pocket and other.....	Number					
	Jeweled watches						
	Jewel lever escapement type						
	Men's wrist						
3871411	7 jewels and under.....	Number					
3871413	8-17 jewels .....	Number					
3871415	Over 17 jewels.....	Number					
	Women's wrist						
3871421	7 jewels and under.....	Number					
3871423	8-17 jewels.....	Number					
3871425	Over 17 jewels.....	Number					
	Pocket						
3871431	7 jewels and under.....	Number					
3871433	8-17 jewels.....	Number					
3871435	Over 17 jewels.....	Number					
	Other						
3871441	7 jewels and under.....	Number					
3871443	8-17 jewels.....	Number					
3871445	Over 17 jewels.....	Number					
	Pin lever escapement type						
	Men's wrist						
3871451	7 jewels and under.....	Number					
3871455	Over 7 jewels.....	Number					
	Women's wrist						
3871461	7 jewels and under.....	Number					
3871465	Over 7 jewels.....	Number					
	Pocket						
3871471	7 jewels and under.....	Number					
3871475	Over 7 jewels.....	Number					
	Other						
3871481	7 jewels and under.....	Number					
3871485	Over 7 jewels.....	Number					

MAJOR GROUP 38 - INSTRUMENTS AND RELATED PRODUCTS--Continued

(A)	Unit of measure (B)	Total shipments and interplant transfers		Transfers to other plants of your company		Watch cases consumed in watches shipped	
		Quan. (D)	Value (E)	Quan. (F)	Value (G)	Produced in this plant (quantity) (H)	Purchased from other companies or received from other plants of this company (quantity) (I)
<b>INDUSTRY 3871 - WATCHES AND CLOCKS - MC-38F--Continued</b>							
38715--	CLOCKS AND WATCH PARTS, EXCEPT WATCH CRYSTALS						
3871511	Clock cases and clock parts (excluding timing motors).....	Dollars					
3871531	Watch movements, complete, for sale separately (excluding those purchased and resold in the same condition).....	Number					
3871551	Watch parts for sale separately, including interplant transfers, except watch cases and watch crystals (excluding those purchased and resold in the same condition).....	Dollars					
3871X51	VALUE OF INTERPLANT TRANSFERS FOR WATCH PARTS FOR SALE SEPARATELY.....	Dollars					
<b>INDUSTRY 3872 - WATCHCASES - MC-38F</b>							
38720--	WATCH CASES						
	For jeweled watch movements						
	Men's wrist watch cases						
3872011	Karat gold and platinum.....	Number					
3872013	Gold filled.....	Number					
3872015	Rolled gold plate and sterling silver (including rolled gold plate with steel back).....	Number					
3872019	Other metals.....	Number					
	Women's wrist watch cases						
3872021	Karat gold and platinum.....	Number					
3872023	Gold filled.....	Number					
3872025	Rolled gold plate and sterling silver (including rolled gold plate with steel back).....	Number					
3872029	Other metals.....	Number					
3872031	Pocket and other watch cases (all qualities).....	Number					
	For non-jeweled or pin-lever watch movements						
	Wrist watch cases						
3872051	Gold filled, rolled gold plate, and sterling silver (including rolled gold plate with steel back).....	Number					
3872059	Other metals.....	Number					
3872071	Pocket and other watch cases (all qualities).....	Number					



## MAJOR GROUP 39 - MISCELLANEOUS MANUFACTURES

(A)		(B)	(D)	(E)
<b>INDUSTRY 3911 - JEWELRY (PRECIOUS METAL) - MC-39A</b>				
39111--	<b>JEWELRY MADE OF PLATINUM METALS AND KARAT GOLD</b>			
	Rings			
3911111	Rings, complete.....	Dollars		
3911115	Ring mountings, for sale separately.....	Dollars		
3911121	Men's jewelry, such as collar and cuff buttons, studs, watch chains, money clips, identification bracelets, scarf pins, tie and collar holders, etc. (excluding watch attachments)	Dollars		
3911131	Women's and children's jewelry, such as necklaces, bracelets, brooches, pins, clips, earrings, lockets, etc. (excluding watch attachments).....	Dollars		
3911141	Watch attachments (bracelets for watches).....	Dollars		
3911151	Fraternal, college, and school jewelry and emblems, including military insignia (excluding rings).....	Dollars		
3911161	Religious jewelry, such as rosaries, chaplets, religious medals, crosses, etc.....	Dollars		
3911198	Other jewelry worn or carried about the person, such as cigar and cigarette cases and lighters, compacts, vanity cases, etc.....	Dollars		
39112--	<b>JEWELRY MADE OF PRECIOUS METALS EXCEPT PLATINUM AND KARAT GOLD</b>			
	Jewelry - gold filled, rolled gold plate, palladium filled, rolled palladium plate, and sterling silver			
	Rings			
3911211	Rings, complete.....	Dollars		
3911215	Ring mountings, for sale separately.....	Dollars		
3911221	Men's jewelry, such as collar and cuff buttons, studs, watch chains, money clips, identification bracelets, scarf pins, tie and collar holders, etc. (excluding watch attachments)	Dollars		
3911231	Women's and children's jewelry, such as necklaces, bracelets, brooches, pins, clips, earrings, lockets, etc. (excluding watch attachments).....	Dollars		
3911241	Watch attachments (bracelets for watches).....	Dollars		
3911251	Fraternal, college, and school jewelry and emblems, including military insignia (excluding rings).....	Dollars		
3911261	Religious jewelry, such as rosaries, chaplets, religious medals, crosses, etc.....	Dollars		
3911298	Other jewelry worn or carried about the person, such as cigar and cigarette cases and lighters, compacts, vanity cases, etc.....	Dollars		
<b>INDUSTRY 3912 - JEWELERS' FINDINGS - MC-39A</b>				
39120--	<b>JEWELERS' FINDINGS AND MATERIALS</b>			
3912011	Jewelers' findings, such as joints, pins, clasps, spring rings, ring blanks, and other unassembled parts.....	Dollars		
3912031	Machine chain.....	Dollars		
3912051	Stock shop products, such as flat stock, wire, and tubing.....	Dollars		
<b>INDUSTRY 3913 - LAPIDARY WORK - MC-39A</b>				
39130--	<b>LAPIDARY WORK (EXCLUDING THE SETTING OF STONES OR JEWELRY)</b>			
	Stones cut or polished in this plant from materials owned by you			
3913011	Diamonds for jewelry purposes.....	Dollars		
3913015	Diamonds for industrial purposes.....	Dollars		
3913031	Other natural precious and semi-precious stones (including the drilling of pearls).....	Dollars		
3913051	Synthetic stones.....	Dollars		

MAJOR GROUP 39 - MISCELLANEOUS MANUFACTURES--Continued

(A)		(B)	(C)	(D)	(E)
<b>INDUSTRY 3914 - SILVERWARE AND PLATED WARE - MC-39B</b>					
39140--	<b>SILVERWARE AND PLATED WARE</b> Flatware (including all knives, forks, spoons, etc. made wholly of metal. Include as "flatware" stainless steel knives, forks, spoons, and carving sets with metal handles).				
3914011	Sterling silver.....	M pieces			
	Electrosilver plated				
3914013	Hotel patterns.....	M pieces			
3914015	Commercial patterns.....	M pieces			
3914019	Other plated flatware (Specify kind)				
	.....	M pieces			
	.....	M pieces			
3914021	Stainless steel and other metal flatware, not plated.....	M pieces			
	Hollow ware (except electrical appliances)				
3914031	Sterling silver.....	Dollars			
	Electrosilver plated				
3914033	Hotel patterns.....	Dollars			
3914035	Commercial patterns.....	Dollars			
3914039	Other plated hollow ware (Specify kind)				
	.....	Dollars			
	.....	Dollars			
3914041	Stainless steel and other metal hollow ware, not plated.....	Dollars			
	Toiletware, ecclesiastical ware, novelties, trophies, baby goods, and other plated ware				
3914051	Sterling silver.....	Dollars			
3914055	Electrosilver plated.....	Dollars			
3914099	Other toiletware, ecclesiastical ware, novelties, trophies, and other plated ware.....	Dollars			
<b>INDUSTRY 3931 - PIANOS - MC-39C</b>					
39310--	<b>PIANOS, EXCEPT REBUILT</b>				
3931011	Verticals, uprights, or consoles, 37 inches or less in height.....	Number			
3931015	Verticals, uprights, or consoles over 37 inches in height.....	Number			
3931051	Grand pianos.....	Number			
<b>INDUSTRY 3932 - ORGANS - MC-39C</b>					
39320--	<b>ORGANS, EXCEPT REBUILT</b>				
3932011	Pipe and reed.....	Number			
3932051	Electronic.....	Number			
<b>INDUSTRY 3933 - PIANO AND ORGAN PARTS - MC-39C</b>					
39330--	<b>PIANO AND ORGAN PARTS AND MATERIALS</b>				
3933011	Piano parts and materials (actions, attachments, strings, timing pins, etc.).	Dollars			
3933051	Organ parts and materials.....	Dollars			
<b>INDUSTRY 3939 - MUSICAL INSTRUMENTS, N.E.C. - MC-39C</b>					
39390--	<b>MUSICAL INSTRUMENTS AND PARTS, EXCEPT PIANOS AND ORGANS</b>				
3939011	Wind instruments, except organs.....	Number			
3939031	Accessories and parts, sold separately, such as reed mouthpieces, music stands, drummers' traps, etc., except instrument cases.....	Dollars			
3939098	Other musical instruments (Specify kind)				
	.....	Number			
	.....	Number			

MAJOR GROUP 39 - MISCELLANEOUS MANUFACTURES--Continued

(A)		(B)	(C)	(D)	(E)
<b>INDUSTRY 3941 - GAMES AND TOYS, EXCEPT DOLLS AND CHILDREN'S VEHICLES - MC-39D</b>					
39410--	<b>GAMES AND TOYS, EXCEPT DOLLS AND CHILDREN'S VEHICLES</b>				
3941011	Doll carriages and doll carts.....	No. of units			
3941021	Toys and games, except balloons and balls				
3941031	Toy trains and equipment (mechanical and electrical).....	Dollars			
3941041	Mechanical toys, except trains (propelled by springs or electricity, gear-driven, miniature steam engines, etc.).....	Dollars			
3941051	Structural toy sets.....	Dollars			
3941061	Model construction sets (airplanes, ships, trains, etc.).....	Dollars			
3941071	Metal toys, other than those listed above.....	Dollars			
3941081	Wooden toys, other than those listed above.....	Dollars			
3941091	Plastic toys, other than those listed above.....	Dollars			
3941098	Parts for toys and games.....	Dollars			
	Other toys and games, complete (including chess, checkers, etc.) (Specify kind and unit of measure)				
	.....				
	.....				
<b>INDUSTRY 3942 - DOLLS - MC-39D</b>					
39420--	<b>DOLLS, AND STUFFED TOY ANIMALS</b>				
3942011	Dolls				
3942013	Dolls, complete (except rubber dolls).....	No. of units			
3942015	Rubber dolls.....	No. of units			
3942051	Doll clothes and doll parts.....	Dollars			
	Stuffed toy animals.....	No. of units			
<b>INDUSTRY 3943 - CHILDREN'S VEHICLES - MC-39D</b>					
39430--	<b>BABY CARRIAGES, WALKERS, STROLLERS, TENDERS, ETC.</b>				
3943011	Baby carriages (including combination carriage-stroller).....	No. of units			
3943015	Strollers.....	No. of units			
3943021	Baby walkers.....	No. of units			
3943031	Velocipedes and tricycles (excluding chain-driven tricycles).....	No. of units			
3943041	Chain-driven tricycles.....	No. of units			
3943061	Children's wagons (coaster, express, and other).....	No. of units			
3943071	Sleds.....	No. of units			
3943081	Parts for children's vehicles, sold separately.....	Dollars			
3943098	Other children's vehicles (including scooters, children's automobiles, side-walk cycles, three-wheel play cars, etc.) (Specify kind)				
	.....	No. of units			
	.....	No. of units			



MAJOR GROUP 39 - MISCELLANEOUS MANUFACTURES--Continued

(A)	(B)	(D)	(E)
<b>INDUSTRY 3949 - SPORTING AND ATHLETIC GOODS - MC-39E</b>			
39490--	<b>FISHING TACKLE AND OTHER SPORTING AND ATHLETIC GOODS</b>		
	Fishing tackle		
3949011	Wood and bamboo fishing rods.....	Number	
3949012	Metal fishing rods.....	Number	
3949013	Glass and plastic fishing rods.....	Number	
3949015	Fishing reels.....	Number	
3949016	Flies, scented hooks, leaders and artificial bait.....	Dollars	
3949019	Other fishing tackle (including fishing poles, fish hooks, floats, furnished lines, sinkers, etc.) (Specify kind).....	Dollars	
		Dollars	
3949021	Billiard and pool tables.....	Number	
3949023	Billiard and pool table playing supplies (including balls, cues, etc.).....	Dollars	
3949025	Bowling alleys.....	Number	
3949027	Bowling alley playing supplies ( including bowling balls, pins, etc.).....	Dollars	
3949031	Golf balls.....	Dozen	
	Golf clubs		
	Irons.....	Number	
3949045	Woods.....	Number	
3949051	Golf club shafts sold separately.....	Number	
3949053	Tennis balls.....	Dozen	
3949061	Baseballs.....	Dozen	
3949063	Soft or indoor type baseballs.....	Dozen	
3949065	Baseball bats (including softball bats).....	Number	
3949066	Baseball mits and gloves.....	Dozen	
3949067	Footballs.....	Dozen	
3949071	Basketballs.....	Dozen	
3949073	Inflatable athletic balls other than footballs and basketballs (including soccer balls, volley balls, etc.).....	Dozen	
	Skates		
	Roller		
3949081	Sidewalk roller skates.....	No. of pairs	
3949082	Rink roller skates.....	No. of pairs	
3949083	Ice.....	No. of pairs	
3949085	Playground equipment.....	Dollars	
3949086	Winter sports equipment (including skis and ski equipment, snow shoes, bobsleds, toboggans, etc. but excluding sleighs).....	Dollars	
3949098	Other sporting and athletic goods, including tennis rackets, boxing goods, caddy bags, racket strings, table tennis goods, squash goods, gymnasium equipment, hockey goods, archery equipment, etc., but not including athletic clothing and shoes (Specify kind).....	Dollars	
		Dollars	
<b>INDUSTRY 3951 - PENS AND MECHANICAL PENCILS - MC-39F</b>			
39510--	<b>PENS, MECHANICAL PENCILS, AND PEN POINTS</b>		
	Pens		
	Fountain pens, complete (all types except ball-point)		
3951011	\$1.00 each and under (retail price).....	No. of units	
3951015	\$1.01 to \$5.00 each (retail price).....	No. of units	
3951016	Over \$5.00 each (retail price).....	No. of units	
	Ball-point type pens, complete		
3951017	\$.50 each and under (retail price).....	No. of units	
3951018	Over \$.50 each (retail price).....	No. of units	
3951019	Desk pen sets, including fountain-pen type, ball-point type, and ink-well reservoir (dip) type.....	No. of sets	
	Pencils, mechanical		
3951053	\$.50 each and under (retail price).....	No. of units	
3951055	Over \$.50 each (retail price).....	No. of units	
3951063	Miscellaneous pen and mechanical pencil parts, such as pen holders, pen-points (all types) renewal parts, etc., for sale separately (Specify kind).....	Dollars	
		Dollars	

MAJOR GROUP 39 - MISCELLANEOUS MANUFACTURES--Continued

(A)		(B)	(D)	(E)
<b>INDUSTRY 3952 - LEAD PENCILS AND CRAYONS - MC-39F</b>				
39520--	LEAD PENCILS AND CRAYONS Nonmechanical pencils, pencil leads, and parts			
	Pencils			
3952011	Black lead.....	Gross		
3952015	Other (indelible, colored, etc.).....	Gross		
3952023	Pencil leads (including refill leads for mechanical pencils) and nonmechanical pencil parts for sale separately.....	Dollars		
3952053	Crayons, including chalk, except artists' and tailors'.....	Dollars		
<b>INDUSTRY 3953 - HAND STAMPS AND STENCILS - MC-39F</b>				
39530--	HAND STAMPS, STENCILS, AND BRANDS (INCLUDING TIME STAMPS WITHOUT CLOCKWORK MERCHANISMS)			
3953011	Rubber stamps.....	Dollars		
3953031	Metal stamps, marking dies, and seals (including hand presses for seals and marking dies)	Dollars		
3953098	Other marking devices, such as stencils, letters, figures and numerals, stamp pads, branding irons, etc. (Specify kind)	Dollars		
	.....	Dollars		
	.....	Dollars		
<b>INDUSTRY 3954 - ARTISTS' MATERIALS - MC-D-1<sup>1</sup></b>				
39540--	ARTISTS' MATERIALS			
3954011	Artists' materials.....	Dollars		
<sup>1</sup> No specific products of this industry are listed on the product schedule. Any products which are classified in this industry will be "written in" by the reporting establishment.				
<b>INDUSTRY 3955 - CARBON PAPER AND INKED RIBBONS - MC-39G</b>				
39550--	CARBON PAPER AND INKED RIBBONS			
3955011	Typewriter ribbons (all types).....	Dozen		
3955019	Other inked ribbons (all types).....	Dozen		
3955031	One-time coated carbon paper (including roll and flat stock).....	Dollars		
3955035	Coated carbon paper, except one time (including roll and flat stock).....	Dollars		
3955061	Spirit and gelatin process stencil paper master copies (including master sets).....	Dollars		
3995098	Other stencil paper, including typewriter stencil paper (Specify).....	Dollars		
<b>INDUSTRY 3961 - COSTUME JEWELRY - MC-39A</b>				
39610--	COSTUME JEWELRY AND COSTUME NOVELTIES, EXCEPT PRECIOUS METAL			
	Base metal, whether or not electroplated with gold, silver, chromium, etc.			
3961011	Rings and ring mountings.....	Dollars		
3961021	Men's jewelry (excluding watch attachments).....	Dollars		
3961031	Women's and children's jewelry and costume novelties (excluding watch attachments)....	Dollars		
3961041	Watch attachments (bracelets for watches).....	Dollars		
3961051	Fraternal, college, and school jewelry and emblems, including military insignia (excluding rings).....	Dollars		
3961061	Religious jewelry, such as rosaries, chaplets, religious medals, crosses, etc.....	Dollars		
3961071	Other jewelry worn or carried about the person, except cigar and cigarette cases and lighters, compacts, and vanity cases.....	Dollars		
3961081	Imitation pearls (including necklaces).....	Dollars		
3961098	Other costume jewelry and costume novelties made of plastics, wood, leather, etc. (Specify kind)	Dollars		
	.....	Dollars		
	.....	Dollars		

MAJOR GROUP 39 - MISCELLANEOUS MANUFACTURES—Continued

(A)		(B)	(D)	(E)
INDUSTRY 3962 - FEATHERS, PLUMES AND ARTIFICIAL FLOWERS - MC-D-1 <sup>1</sup>				
39620--	FEATHERS, PLUMES AND ARTIFICIAL FLOWERS			
3962011	Feathers, plumes and artificial flowers.....	Dollars		
<sup>1</sup> No specific products of this industry are listed on the product schedule. Any products which are classified in this industry will be "written in" by the reporting establishment.				
INDUSTRY 3963 - BUTTONS - MC-39H				
39630--	BUTTONS AND PARTS			
	Buttons (except buttons of precious metals or precious stones)			
	Metal			
3963011	Sew-on type.....	Great gross		
3963015	Other metal buttons, including mechanically applied types, etc.....	Great gross		
	Plastic			
3963021	Casein and casein compound.....	Great gross		
	Other plastics			
3963023	Thermosetting.....	Great gross		
3963025	Thermoplastic.....	Great gross		
	Pearl or shell			
3963031	Fresh water.....	Great gross		
3963035	Ocean.....	Great gross		
3963061	Button blanks or molds, backs and parts for sale as such.....	Dollars		
3963098	Other buttons (fabric covered, wood, bone and hoof, vegetable ivory, leather, etc.) (Specify kind)			
	.....	Great gross		
	.....	Great gross		
INDUSTRY 3964 - NEEDLES, PINS, AND FASTENERS - MC-39H				
39640--	NEEDLES, PINS, FASTENERS, HOOKS AND EYES AND SIMILAR NOTIONS			
	Needles			
	Knitting machine			
3964011	Latch.....	Thousand		
3964013	Spring-beard.....	Thousand		
3964015	Sewing machine (household and industrial dry-thread).....	Thousand		
3964019	Other needles except phonograph needles and styli (shoemachine, hand sewing, hand knitting, crocheting, darning, etc.) (Specify kind)			
	.....	Thousand		
	.....	Thousand		
	Pins (except jewelry)			
3964021	Common or toilet (including stuck pins).....	Pounds of pins		
	Hairpins, metal			
3964023	"Bobby" type.....	Pounds of pins		
3964025	Other type.....	Pounds of pins		
	Safety pins.....	Great gross (pins)		
3964027	Safety pins.....	Great gross (pins)		
3964029	Other pins (hatpins, glass head pins, plastic hairpins, etc.) (Specify kind)	Great gross (pins)		
	.....	Great gross (pins)		
	.....	Great gross (pins)		
	Fasteners, buckles, and apparel trimming			
3964031	Zippers or slide fasteners (when zippers or slide fasteners are sold in continuous chains, each 12 inches is considered as one unit).....	M of units		
	Snap fasteners			
3964033	Sew on type.....	Great gross		
3964035	Other snap fasteners (such as 4 part, riveted, or mechanically applied types, etc.).....	Great gross		
3964037	Metal buckles for wearing apparel (including those covered with fabric or other material, but excluding costume jewelry).....	Dollars		
3964039	Other fasteners, buckles, and apparel trimming (hooks and eyes, rivets and burrs, trimming, plastic buckles, etc.).....	Dollars		
3964041	Tape (hook and eye and snap) fasteners.....	Gross yards		
3964051	Hair curlers, except rubber, and except those designed for beauty parlor use.....	Great gross		



## MAJOR GROUP 39 - MISCELLANEOUS MANUFACTURES--Continued

(A)	(B)	(C)	(D)	(E)
INDUSTRY 3971 - PLASTIC PRODUCTS, N.E.C. - MC-39J				
28234-- VINYL AND POLYETHYLENE UNSUPPORTED FILM AND SHEETING (EXCLUDE FLOOR AND WALL COVERING) (SEE ALSO INDUSTRY 2823) <sup>1</sup>				
Vinyl sheeting and film (including fillers, plasticizers, and extenders)				
2823411    Under 3.0 mils.....	M pounds			
2823413    3.0 - 3.9 mils.....	M pounds			
2823415    4.0 - 5.9 mils.....	M pounds			
2823417    6.0 - 9.9 mils.....	M pounds			
2823421    10.0 - 14.9 mils.....	M pounds			
2823423    15.0 - 19.9 mils.....	M pounds			
2823425    20.0 mils and over (excluding floor and wall coverings).....	M pounds			
Polyethylene				
2823451    Under 3.0 mils.....	M pounds			
2823453    3.0 - 5.9 mils.....	M pounds			
2823455    6.0 - 14.9 mils.....	M pounds			
2823457    Over 15.0 mils.....	M pounds			
39711-- MOLDED PLASTIC PRODUCTS				
3971111    Compression and transfer molded.....	Dollars	/	/	
3971121    Cast molded.....	Dollars			
3971131    Injection molded.....	Dollars			
3971151    Cold molded.....	Dollars			
3971171    Extrusion molded.....	Dollars			
39712-- LAMINATED PLASTICS SHEETS, RODS, TUBES				
3971211    Laminated sheets, rods, and tubes.....	Pound			
39713-- TABLE AND KITCHEN ARTICLES				
Table and kitchen articles (for serving, cooking, preparing, and storing food and drink)				
3971311    Tableware.....	M pieces			
3971351    Kitchenware.....	M pieces			
39714-- FABRICATED PLASTICS PRODUCTS, N.E.C.				
Products fabricated from--				
3971411    Thermosetting laminates (including gears and bearings).....	Dollars	/	/	
3971415    Other laminates (including gears and bearings).....	Dollars			
3971417    Expanded (foamed) plastics (including porous, cellular materials used in thermal, electrical, and sound insulation, buoys, core materials, etc.).....	Pound			
Miscellaneous plastic products				
3971421    Arctics and gaiters.....	M pairs			
3971423    Balloons.....	Gross			
3971425    Battery boxes, jars, and parts.....	Dollars	/	/	
Druggist and medical sundries				
3971433    Nipples and pacifiers.....	Gross			
3971435    Water bottles, fountain syringes, and combination.....	Gross			
3971437    Other (including ice bags and caps, prophylactics, medical, dental, and surgical).....	Dollars	/	/	
3971441    Boats, pontoons and life rafts.....	Dollars			
Shoe products				
3971445    Heels.....	Dozen pairs			
3971446    Outsoles.....	Dozen pairs			
3971447    Soling slabs and toplift sheets.....	M sq. ft.			
3971453    Packing (for sealing moving parts).....	M pounds			
Floor covering, unsupported				
Sheet goods				
3971461        0.066" or less.....	M sq. yds.			
3971463        Over 0.066".....	M sq. yds.			
3971465        Tile.....	M sq. yds.			
Wall covering, resilient, hard surface				
3971467        Sheet goods unsupported.....	M sq. yds.			
3971468        Tile.....	M sq. yds.			
Closures				
3971471        Commercial, except caps for collapsible tubes.....	M units	/	/	
3971475        Other, including caps for collapsible tubes.....	M units			
Hose, pipe, and tubing				
3971481        Garden hose.....	M pounds			
3971482        Molded hoses other than garden.....	M pounds			
3971483        Other hoses (Specify kind)				
.....	M pounds			
.....	M pounds			
3971485        Tubing (under 1/2 inch interior diameter).....	M pounds			
3971487        Pipe (over 1/2 inch interior diameter).....	M pounds			
3971498        Other fabricated plastic products, n. e. c. (Specify kind)				
.....	Dollars	/	/	
.....	Dollars			

<sup>1</sup>Classify Industry 3971, if plant produces sheeting and film primarily from purchased plastics materials.

MAJOR GROUP 39 - MISCELLANEOUS MANUFACTURES--Continued

(A)		(B)	(C)	(D)	(E)
<b>INDUSTRY 3981 - BROOMS AND BRUSHES - MC-39K</b>					
39811--	<b>BROOMS</b>				
	Brooms, upright wound brooms, metal case brooms or any other brooms of similar construction made of broom corn or other fiber				
	Household floor brooms				
3981111	Made of broomcorn.....	Dozen			
3981119	Made of other materials.....	Dozen			
	Other brooms (industrial brooms, whisk brooms, toy brooms, hearth brooms, street-sweeping machine brooms, street brooms, stable brooms, etc.)				
3981151	Made of broomcorn (Specify type of broom)				
	.....	Dollars			
	.....	Dollars			
3981159	Made of other materials (Specify type of broom)				
	.....	Dollars			
	.....	Dollars			
39812--	<b>PAINT AND VARNISH BRUSHES</b>				
	Paint and varnish brushes, including whitewash, kalsomine, paperhanger, marking, and stencilling brushes				
3981211	Made of pure bristle.....	Dozen			
3981231	Made of synthetic bristle.....	Dozen			
3981251	Made of other materials, including mixtures.....	Dozen			
3981271	Paint rollers.....	Dozen			
39813--	<b>OTHER BRUSHES</b>				
3981311	Artists' brushes and hair pencils, except artists' air brushes.....	Dozen			
	Personal brushes				
3981321	Tooth brushes.....	Dozen			
3981325	Shaving brushes.....	Dozen			
3981327	Hairbrushes.....	Dozen			
3981329	Other.....	Dollars			
3981331	Maintenance brushes, household and industrial (floor sweeps and brushes, scrub brushes, dusting brushes, window brushes, etc.) (excluding twisted-in-wire brushes).....	Dollars			
	Industrial brushes used in actual operations				
3981341	Power-driven (rotary, end, cup, jewelers', and dentists' brushes, etc.).....	Dollars			
3981349	Other.....	Dollars			
3981351	Twisted-in-wire brushes (all types).....	Dollars			
3981398	Other brushes (Specify kind)				
	.....	Dollars			
	.....	Dollars			
<b>INDUSTRY 3982 - CORK PRODUCTS - MC-39L</b>					
39820--	<b>CORK PRODUCTS</b>				
3982011	Cork stoppers of all kinds.....	Pound			
	Cork disks and washers				
3982021	Produced and shipped as such.....	Pound			
3982025	Fitted in bottle caps or fitted in or to other products.....	Pound			
3982031	Cork insulation products (blocks, slabs, planks, boards, pipe coverings, fitting covers, cork lags, etc.).....	Pound			
3982098	Other articles made of natural and composition cork (shoe fittings, life-preserver blocks, cork floats, life preservers, novelties, sheets, blocks, etc.) except cork floor and wall covering (Specify kind)				
	.....	Pound			
	.....	Pound			





MAJOR GROUP 39 - MISCELLANEOUS MANUFACTURES--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3988 - MORTICIANS' GOODS - MC-39N				
39881--	WOOD CASKETS AND COFFINS			
3988111	Cloth covered.....	Number		
	Hard finished			
3988151	Lined.....	Number		
3988155	Unlined.....	Number		
39882--	METAL CASKETS AND COFFINS			
3988211	Finished, trimmed, and lined.....	Number		
3988231	Finished and trimmed, but unlined.....	Number		
39883--	OTHER CASKETS, BOXES, VAULTS, AND MORTICIANS' SUPPLIES			
3988311	Other caskets and coffins except concrete (masonite, molded plastic, etc.) (Specify kind)	Number		
	.....	Number		
3988315	Unassembled or incomplete caskets and coffins, wood, metal, and other.....	Number		
3988321	Wooden outer burial boxes (do not include shipping boxes).....	Number		
3988331	Metal burial vaults (12-gauge metal or heavier). Does not include shipping cases....	Number		
3988341	Inner liners (metal or other materials) sold as such.....	Number		
3988351	Embalming chemicals, burial garments, and morticians' equipment and supplies.....	Dollars		
3988398	Other morticians' goods, including wood and metal shipping cases (Specify kind)	Dollars		
	.....	Dollars		
	.....	Dollars		
INDUSTRY 3991 - BEAUTY- AND BARBER-SHOP EQUIPMENT - MC-D1 <sup>1</sup>				
39910--	BEAUTY AND BARBER SHOP FURNITURE AND EQUIPMENT			
3991011	Beauty- and barber-shop furniture and equipment (including accessories such as pads and wraps).....	No. of units		
<sup>1</sup> No specific products of this industry are listed on the product schedule. Any products which are classified in this industry will be "written in" by the reporting establishment.				
INDUSTRY 3992 - FURS, DRESSED AND DYED - MC-23C				
39920--	FURS, DRESSED AND DYED			
3992011	Furs, dressed and dyed.....	Dollars		
INDUSTRY 3993 - SIGNS AND ADVERTISING DISPLAYS - MC-39P				
39931--	LUMINOUS TUBING AND BULB SIGNS			
3993111	Luminous tube and bulb signs.....	Dollars		
39932--	NONELECTRIC SIGNS AND ADVERTISING DISPLAYS			
	Metal signs, by any application process (including point-of-sale signs, road signs, truck signs, highway and street markers, and all other metal signs.)			
3993211	Porcelain enameled.....	Dollars		
3993219	All other metal signs.....	Dollars		
3993221	Screen processed signs (other than metal).....	Dollars		
3993231	Window, backbar, counter, and lobby cutouts and displays.....	Dollars		
3993298	All other signs and advertising displays (including sign letters).....	Dollars		
39933--	ADVERTISING NOVELTIES			
3993311	Advertising novelties (Specify kind)	Dollars		
	.....	Dollars		
	.....	Dollars		

MAJOR GROUP 39 - MISCELLANEOUS MANUFACTURES--Continued

(A)		(B)	(D)	(E)
INDUSTRY 3994 - HAIR WORK - MC-D1 <sup>1</sup>				
39940--	HAIR WORK			
3994011	Hair work.....	Dollars		
<sup>1</sup> No specific products of this industry are listed on the product schedule. Any products which are classified in this industry will be "written in" by the reporting establishment.				
INDUSTRY 3995 - UMBRELLAS, PARASOLS, AND CANES - MC-D1 <sup>1</sup>				
39950--	UMBRELLAS, PARASOLS, AND CANES			
3995011	Umbrellas, parasols, and canes.....	Dollars		
<sup>1</sup> No specific products of this industry are listed on the product schedule. Any products which are classified in this industry will be "written in" by the reporting establishment.				
INDUSTRY 3996 - TOBACCO PIPES - MC-D1 <sup>1</sup>				
39960--	TOBACCO PIPES AND CIGARETTE HOLDERS			
3996011	Tobacco pipes and cigarette holders.....	Dollars		
<sup>1</sup> No specific products of this industry are listed on the product schedule. Any products which are classified in this industry will be "written in" by the reporting establishment.				
INDUSTRY 3997 - SODA-FOUNTAIN AND BAR EQUIPMENT - MC-35T				
39970--	SODA-FOUNTAIN AND BEER-DISPENSING EQUIPMENT, OTHER THAN BEVERAGE COOLING AND DISPENSING EQUIPMENT			
3997011	Soda-fountain equipment (cooler box, fountainette, and similar equipment).....	Dollars		
3997051	Beer-dispensing equipment.....	Dollars		
INDUSTRY 3998 - MODELS AND PATTERNS (EXCEPT PAPER PATTERNS) (SEE INDUSTRIES 3594 AND 3999)				
INDUSTRY 3999 - MISCELLANEOUS PRODUCTS N.E.C. (PART OF FORMER INDUSTRY 3998) - MC-39Q AND MC-D1 <sup>1</sup>				
39991--	HAND FIRE EXTINGUISHERS AND PARTS			
	Hand extinguishers meeting the specifications of Underwriters' laboratories and factory mutual laboratories			
3999111	Soda-acid.....	No. of units		
3999112	Foam.....	No. of units		
3999113	Carbon-dioxide.....	No. of units		
3999115	Vaporizing liquid (carbon-tetrachloride base).....	No. of units		
3999119	Other extinguishers meeting specifications of Underwriters' Laboratories and Factory Mutual Laboratories (Specify kind)	No. of units		
	.....	No. of units		
3999198	All other hand extinguishers.....	No. of units		
39992--	OTHER CHEMICAL FIRE EXTINGUISHING EQUIPMENT AND PARTS			
3999211	Two-wheeled chemical fire engines.....	No. of units		
3999231	Fixed systems (excluding water sprinkler systems).....	Dollars		
3999251	Parts and attachments for chemical fire-extinguishing equipment.....	Dollars		
39993--	MISCELLANEOUS FABRICATED PRODUCTS, N.E.C. INCLUDING CIGAR AND CIGARETTE LIGHTERS (EXCEPT PRECIOUS METAL) <sup>1</sup>			
3999311	Miscellaneous fabricated products, n.e.c. including cigar and cigarette lighters except precious metal).....	Dollars		

<sup>1</sup>Product class 39993 only is assigned to MC-D1 and no specific products of this product class are listed on the product schedule. Any products which are classified in this product class will be "written-in" by the reporting establishment.

APPENDIX A

SPECIAL PRODUCTS OR SERVICES NOT INCLUDED WITHIN CLASSES OF PRODUCTS

Code	Description	Census Form No. (MC)
<b>1. MANUFACTURING SERVICES</b>		
9000099	Receipts for work done for others on their own materials (contract work).....	D-2
9300000	Receipts for contract work (not specified below) on materials owned by others.....	---
9320111	Receipts for custom slaughtering.....	20A
9321411	Redrying and packing leaf tobacco (packed weight).....	21A
9321413	Stemming aged leaf tobacco (stemmed packed weight).....	21A
9321415	Stemming leaf tobacco, not aged (stemmed packed weight).....	21A
9321417	Other operations, tobacco (specify work done).....	21A
9322110	Receipts for contract and commission scouring, combing, and related processing of materials owned by others.....	22A
9322121	Receipts for comm.spinning of yarns from materials on woven and worsted systems owned by others....	22A
9322131	Receipts for comm.weaving of wool, reprocessed wool, or reused wool fabrics from yarns owned by others.....	22A
9322161	Receipts for comm.finishing of woolen and worsted fabrics owned by others.....	22A
9322162	Receipts for dyeing and finishing yarns, tops, and raw stock owned by others.....	22A
9322221	Receipts for comm. throwing of filament yarns from materials owned by others.....	22A
9322231	Receipts for comm. production of thread from materials owned by others.....	22A
9322241	Receipts for comm. spinning of yarns on cotton system from materials owned by others.....	22A
9322331	Receipts for comm. weaving of cotton broadwoven fabrics from yarns owned by others.....	22A
9322341	Receipts for comm. weaving of rayons and acetate broadwoven fabrics from yarns owned by others.....	22A
9322415	Receipts for comm. work on narrow fabrics from yarns owned by others.....	22L
Receipts for commission bleaching, dyeing or printing, and finishing fabrics owned by others:		
9322611	Cotton broadwoven fabrics.....	22A
9322613	Silk and synthetic broadwoven fabrics.....	22A
9322615	Receipts for comm. finishing of other finished fabrics owned by others (flame proofing, mildew proofing, Mercerizing, embossing, etc.).....	22A
9322617	Receipts for comm. dyeing or other finishing of raw stock owned by others.....	22A
9322911	Receipts for comm. work on pressed, punched, and needled felts from materials owned by others.....	22A
9322941	Receipts for comm. work on materials owned by others, fibers recovered from clips and rags.....	22H
9323950	Receipts for contract tucking, pleating, hemstitching and buttonholing for the trade.....	23F
9324111	Receipts for contract logging of timber owned by others.....	24A
9324211	Receipts for contract or custom sawing of logs owned by others.....	24A
9324251	Receipts for contract kiln drying, planing, resawing, or other manufacturing of materials owned by others.....	24A
9324911	Receipt for treating wood owned by other establishments.....	24A
9333121	Receipts for conversion of steel for other companies.....	33B
9333301	Fees received from owners of metal smelted by you on a toll basis.....	33D
9333303	Fees received from owners of metal refined by you on a toll basis.....	33D
9333511	Fees received from owners of copper rolled, drawn or extruded by you, on a toll basis.....	33F
9333521	Fees received from owners of aluminum rolled, drawn or extruded by you, on a toll basis.....	33F
9333591	Fees received from owners of metal other than copper and aluminum processed on a toll basis.....	33F
9333921	Receipts for drawing wire on a toll basis.....	33H
9334651	Receipts for vitreous (porcelain) enameling materials owned by others.....	34G
9334631	Receipts for job stampings made from materials owned by others.....	34G
9339131	Receipts for cutting and polishing of stones done in your establishment on materials owned by others.....	39A
9333991	Heat treating - Specify type (heat treating, pickling, annealing, etc.).....	33J



## APPENDIX A--Continued

## SPECIAL PRODUCTS OR SERVICES NOT INCLUDED WITHIN CLASSES OF PRODUCTS--Continued

Code	Description	Unit of measure	Census Form no. (MC)
<b>2. MINERAL PRODUCTS</b>			
1410001	Sandstone, basalt, and other stone products, rough dimension stone (Specify kind of stone and type of product)		
	.....	Dollars	32L
	.....	Dollars	32L
1412001	Limestone products, rough dimension stone.....	Dollars	32L
1413221	Granite building products, rough dimension stone (including rubble).....	Dollars	32L
1413231	Granite monumental products, rough dimension stone.....	Dollars	32L
1415001	Marble products, rough dimension stone.....	Dollars	32L
1420001	Crushed, broken, or ground stone (Specify kind of stone)		
	.....	Dollars	32L
	.....	Dollars	32L
1422202	Crushed, broken, or ground stone (including agricultural limestone).....	Short ton	32D
1424001	Slate products, granules and flour.....	Dollars	32L
1453001	Fire clay and high alumina material, crude (unground).....	Short ton	32F
145----	Clay (Specify kind)		
	.....	Short ton	32D
	.....	Short ton	32D
1492011	Uncalcined gypsum (including gypsite and anhydrite), crude.....	Short ton	32J
<b>3. NON-MANUFACTURING PRODUCTS OR RECEIPTS<sup>1</sup></b>			
9412201	Cotton waste, card strips.....		22A
9412202	Cotton waste, comber noils.....		22A
9412203	Cotton waste, other soft wastes (including sweep, notes, and flies).....		22A
9412204	Cotton waste, hard wastes, (thread and yarn waste).....		22A
9412205	Rayon and other synthetic fiber waste, thread or yarn waste.....		22A
9412206	Rayon and other synthetic fiber waste, new rags and clips.....		22A
9412207	Woolen and mill waste for sale.....		22A
9412209	Other mill waste.....		22A
9512015	Shell eggs.....		20C, 20W
9512041	Receipts for custom grinding or mixing of materials owned by others.....		20F
9512097	Natural ice.....		20Y
9512099	Tea packaged.....		20W
9512111	Unstemmed leaf tobacco not redried, before packing, packed for sale as such.....		21A
9512131	Unstemmed leaf tobacco not redried, before packing, for use in own manufacturing.....		21A
9512151	Work done by you on materials owned by others, packing leaf not redried.....		21A
9512700	Receipts of royalties from sales of rights (Specify kind)		
	.....		27A, 27B
	.....		27A, 27B
9513241	Total cost of containers in which cement products were shipped.....		32D
9513271	Ready-mixed concrete.....		32H
9513274	Total cost of containers in which lime products were shipped.....		32D
9700000	Receipts for storage or service incidental to storage (boat).....		37D
9700000	Receipts from public cold storage operation including handling, freezing, and storing merchandise for others.....		20C, 20W, 20Y
9700000	Receipts during 1954 from public warehousing and storage conducted at this establishment (including receipts from handling and storing products for others).....		21A

<sup>1</sup>Standard non-manufacturing receipts are keyed for punching on report forms.

APPENDIX B

LIST OF FORMS BY INDUSTRY NUMBER

Census Form No. (MC)	Title of report form	SIC industries covered
MAJOR GROUP 19 - ORDNANCE AND ACCESSORIES		
19A	Ordnance and accessories.....	19--
MAJOR GROUP 20 - FOOD AND KINDRED PRODUCTS		
20A	Meat products.....	2011, (inc. former SIC ind. 2012), 2013, 2014
20C	Dairy products.....	202-
20D	Canned, cured, and fresh or frozen packaged fish.....	2031, 2032, 2036
20E	Canned, frozen, and pickled fruits and vegetables and related products.....	2033, 2035, 2037
20F	Flour, cereal preparations, feeds, and related products.....	2041-2043, 2045
20G	Rice milling.....	2044
20H	Bakery products.....	205-
20J	Sugar.....	206-
20K	Confectionery and chewing gum.....	2071, 2073
20L	Chocolate and cocoa products.....	2072
20M	Soft drinks.....	2081
20N	Malt beverages.....	2082
20P	Malt.....	2083
20Q	Wines and brandy.....	2084
20R	Distilled, blended, and rectified liquors.....	2085
20S	Baking powder and yeast.....	2091
28N	Animal and vegetable oils, edible and inedible; margarine and shortenings.....	2092, 2093, 288- (exc. 2886)
20T	Corn sirup, corn sugar, corn oil, and starch.....	2094
20U	Flavoring extracts and flavoring sirups.....	2095
20V	Macaroni, spaghetti, vermicelli, and noodles.....	2098
20W	Poultry and eggs, coffee roasting, and miscellaneous food products.....	2015, 2099 (inc. former SIC ind. 2096)
20Y	Manufactured ice.....	2097
20Z	Dairy products (short form).....	202-
MAJOR GROUP 21 - TOBACCO MANUFACTURES		
21A	Tobacco products and tobacco packing.....	21--
MAJOR GROUP 22 - TEXTILE MILL PRODUCTS		
22A	Textile mill products, (except knit goods and carpets).....	2211, 2221=(Census ind. 2212, 2224, 2225), 2222, 2223, 2231=(Census ind. 2233, 2234) 2232=(Census ind. 2213), 2261, 2262=(Census ind. 2216), 2291
22B	Hosiery.....	2251, 2252
22C	Knit outerwear and knit fabric gloves and mittens.....	2243, 2253
22D	Knit goods: fabric, underwear, and miscellaneous.....	2254, 2256, 2259
22E	Carpets, rugs, and carpet yarns.....	2271, 2273
22F	Linoleum coated materials and related products.....	2274, 2295
23B	Hats and millinery.....	228-, 2325, 2326, 2351
22G	Lace goods.....	2292
22H	Batting, paddings, and textile waste.....	2293, 2294
22K	Miscellaneous textile products, including cordage twine, jute, and linen goods.....	2297, 2298, 2299 (inc. former SIC ind. 2296)
22L	Narrow fabrics (under 12 inches in width).....	2241
MAJOR GROUP 23 - APPAREL AND RELATED PRODUCTS		
23A	Apparel.....	231-, 2321-2323, 2327-2329, 233-, 234-, 236-, 2383-2389
23B	Hats and millinery.....	2325, 2326, 2351, 228-
23C	Fur goods.....	2371, 3992
23D	Gloves and mittens.....	2381, 2382, 315-
23E	Miscellaneous fabricated textile products.....	2391, 2392, 2393, 2394, 2399
23F	Embroideries and trimmings.....	2395- 2398

## APPENDIX B--Continued

## LIST OF FORMS BY INDUSTRY NUMBER--Continued

Census Form no. (MC)	Title of report form	SIC industries covered
<b>MAJOR GROUP 24 - LUMBER AND PRODUCTS, EXCEPT FURNITURE</b>		
24A	Logs, lumber, and other wood basic materials.....	2411, 2421, 2423, 2429
24B	Logs, lumber, and other wood basic materials (short form).....	2411, 2421, 2423, 2429
24C	Veneer and plywood.....	2422, 2432
24D	Cooperage and cooperage stock.....	2424, 2445
24E	Excelsior.....	2425
24F	Millwork and related products.....	2431, 2433, 2561
24G	Wooden boxes, baskets, and rattan and willow ware.....	2441 - 2444
24H	Wood preserving.....	2491
24J	Miscellaneous wood products.....	2492, 2499
24K	Mirror and picture frames.....	2493
24L	Lumber production and stocks.....	2421 pt.
<b>MAJOR GROUP 25 - FURNITURE AND FIXTURES</b>		
25A	Household furniture; mattresses and bedsprings.....	251-
25B	Office, store, and miscellaneous furniture and fixtures.....	252-, 253-, 2541, 259-
25D	Venetian blinds.....	2563
<b>MAJOR GROUP 26 - PAPER AND ALLIED PRODUCTS</b>		
26A	Pulp (wood and other fibre).....	2611
26B	Primary paper and board.....	2612, 2613
26C	Converted paper and board products.....	2641, 2651, 2661, 267-, 269-
<b>MAJOR GROUP 27 - PRINTING AND PUBLISHING INDUSTRIES</b>		
27A	Newspaper publishing and allied activities.....	2711
27B	Printing, publishing and allied activities.....	Major Group 27 except ind. 2711
27C	Printing, publishing and allied activities (short form).....	Major Group 27
<b>MAJOR GROUP 28 - CHEMICALS AND ALLIED PRODUCTS</b>		
28A	Inorganic and organic chemicals.....	281-, 2821, 2822, 2829
28B	Plastics materials.....	2823
28C	Synthetic (chemical) rubbers and other synthetic elastomers.....	2824
28D	Rayon, acetate, synthetic fibers, and related products.....	2825
28E	Explosives.....	2826
28F	Drugs and medicines.....	283-
28G	Soaps, polishes, and related products.....	2841, 2842
28H	Natural tanning materials; natural dyeing materials; sulfonated oils and assistants.....	2843, 2865 (inc. former SIC ind. 2864)
28J	Pigments, paints, and paint products.....	285-
28K	Wood distillation and charcoal manufacture.....	2861, 2862
28L	Gum Naval stores.....	2863
28M	Fertilizers.....	287-
28N	Animal and vegetable oils, edible and inedible; margarine and shortenings.....	288- (exc. 2886), 2092, 2093
28P	Glue, gelatin, grease, and tallow.....	2886, 2894
28Q	Printing ink.....	2891
28R	Essential oils, perfumes, cosmetics, and toilet preparations.....	2892, 2893
28S	Bone black, carbon black, and lamp black.....	2895
28T	Compressed and liquefied gases.....	2896
28U	Insecticides, fungicides, and household and industrial chemical specialties....	2897, 2899
<b>MAJOR GROUP 29 - PETROLEUM AND COAL PRODUCTS</b>		
29A	Petroleum products.....	2911, 2992
29B	Coke and coal chemical materials from coke ovens.....	2931, 2932
29C	Asphalt and tar roofing, siding, and paving products.....	2951, 2952
29D	Miscellaneous petroleum and coal products.....	2999 (inc. former SIC ind. 2991)
<b>MAJOR GROUP 30 - RUBBER PRODUCTS</b>		
30A	Rubber manufactures and related products.....	Major Group 30
<b>MAJOR GROUP 31 - LEATHER AND RELATED PRODUCTS</b>		
31A	Leather tanning and finishing.....	3111
31B	Industrial leather belting and packing.....	3121
31C	Footwear cut stock and findings.....	3131
31D	Shoes and slippers, other than rubber.....	3141, 3142
23D	Gloves and mittens.....	2381, 2382, 315-
31E	Luggage, saddlery, personal and other leather goods and novelties.....	3161, 3171, 3172, 3192, 3199



APPENDIX B--Continued

LIST OF FORMS BY INDUSTRY NUMBER--Continued

Census Form no. (MC)	Title of report form	SIC industries covered
MAJOR GROUP 32 - STONE, CLAY, AND GLASS PRODUCTS		
32A	Flat glass.....	3211
32B	Glass containers and pressed and blown glassware.....	3221, 3229
32C	Laminated glass, mirrors and glass products (from purchased glass).....	3231
32D	Cement and lime.....	3241, 3274
32E	Structural clay products.....	325- (exc. 3255)
32F	Refractories.....	3255, 3297
32G	Pottery and related products (including porcelain and steatite electrical supplies).....	326- (exc. 3265)
32H	Concrete products.....	3271
32J	Gypsum products.....	3272
32K	Mineral wool and exfoliated vermiculite.....	3275, 3299 pt. (exc. former SIC ind. 3296)
32L	Cut stone and stone products.....	3281
32M	Abrasives and related products.....	3291
32N	Asbestos and asbestos-cement products, gaskets, and packing.....	3292, 3293
32P	Nonmetallic mineral products, n.e.c.....	3265, 3295 (inc. former SIC ind. 3294), 3298, 3299 pt. (inc. former SIC ind. 3296)
32Q	Concrete products (short form).....	3271
MAJOR GROUP 33 - PRIMARY METAL INDUSTRIES		
33A	Blast furnace and electrometallurgical products.....	3311, 3313
33B	Steel mill products.....	3312, 3393, 3399 pt.
33C	Foundry products.....	332-, 3361
33D	Smelting and refining of nonferrous metals.....	333-, 3341
33F	Rolling, drawing, and extruding of nonferrous metals.....	335-
33G	Iron and steel forgings.....	3391
33H	Wire drawing.....	3392
33J	Metal powders, nonferrous forgings, and treating of metal.....	3399 pt.
MAJOR GROUP 34 - FABRICATED METAL PRODUCTS		
34A	Metal cans and shipping containers.....	3411, 3491
34B	Cutlery, hand tools, files, and saws.....	342-, (exc. 3429)
34C	Hardware.....	3429
34V	Valves and fittings; metal plumbing fixtures.....	3431, 3591
34E	Heating and cooking apparatus; blowers, exhaust and ventilating fans; mechanical stokers.....	3432, 3439, 3564, 3568
34F	Fabricated iron and steel: Architectural metalwork; boiler shop products.....	3441, 3442, 3443
34G	Sheet metal work; stamped and pressed metal products; vitreous (porcelain) enameled products (metal base only).....	3444, 3463, (inc. SIC ind. 3462) 3461
34J	Lighting equipment.....	3471
34K	Fabricated wire products; nails and spikes.....	3481, 3489
34L	Safes and vaults.....	3492
34M	Steel springs.....	3493
34N	Bolts, nuts, screws, washers, and rivets; screw machine products.....	3494, 3495
34P	Collapsible tubes and metal foil.....	3496, 3497
MAJOR GROUP 35 - MACHINERY (EXCEPT ELECTRICAL)		
35A	Steam engines and turbines and hydraulic turbines (except locomotive).....	3511
35B	Internal combustion engines, except automotive and aircraft.....	3519
35C	Agricultural machinery and tractors.....	3521, 3522
35D	Construction, mining, and similar machinery and equipment.....	3531
35E	Oil and gas field machinery and tools.....	3532
35F	Metalworking and woodworking machinery and equipment.....	354-, 3553
35G	Food-products machinery and equipment.....	3551
35H	Textile-industries machinery.....	3552
35J	Pulp- and paper-industries machinery.....	3554
35K	Printing-trades machinery and equipment.....	3555
35L	Industrial machinery.....	3559, 3569
35M	Pumps and compressors.....	3561
35N	Conveying and elevating equipment: Industrial trucks, tractors, trailers, and stackers.....	3562, 3563, 3565
34E	Heating and cooking apparatus; blowers, exhaust and ventilating fans; mechanical stokers.....	3432, 3439, 3564, 3568
35P	Mechanical power transmission equipment, including bearings.....	3566, 3593
35Q	Industrial furnaces and ovens.....	3567
35R	Office and store machines.....	357-
35S	Service-industry and household machines (except refrigeration and air conditioning equipment).....	3581 - 3584, 3589
35T	Refrigeration and air-conditioning equipment.....	3585, 3997
35U	Measuring and dispensing pumps.....	3586
35V	Valves and fittings; metal plumbing fixtures.....	3431, 3591
35W	Selected machinery parts and machine shop products.....	3599
35X	Industrial patterns and molds.....	3594 (inc. former SIC ind. 3998)

APPENDIX B--Continued

LIST OF FORMS BY INDUSTRY NUMBER--Continued

Census Form no. (MC)	Title of report form	SIC industries covered
MAJOR GROUP 36 - ELECTRICAL MACHINERY		
36A	Wiring devices and supplies.....	3611
36B	Carbon and graphite products.....	3612
36A	Instruments.....	3613, 3811, 3821
36C	Motors, generators, and motor-generator sets.....	3614
36D	Power, distribution, and specialty transformers.....	3615
36E	Switchgear, switchboard apparatus, and industrial controls.....	3616
36F	Electrical welding apparatus.....	3617
36G	Miscellaneous electrical equipment for industrial use.....	3619
36H	Electrical appliances.....	3621
36J	Insulated wire and cable.....	3631
36K	Starting, lighting, and ignition electrical equipment for internal combustion engines.....	3641
36L	Electrical lamps and components.....	3651
36M	Radios, radio and television equipment (except radio tubes), and phonographs...	3661
36N	Electron tubes.....	3662
36P	Phonograph records.....	3663
36Q	Telephone and telegraph equipment, and other communication equipment.....	3664, 3669
36R	Storage batteries.....	3691
36S	Primary batteries.....	3692
36T	X-ray and therapeutic apparatus.....	3693
36U	Miscellaneous electric products.....	3699
MAJOR GROUP 37 - TRANSPORTATION EQUIPMENT		
37A	Motor vehicles and bodies.....	3717 pt. = (inc. SIC ind. 3711, 3712), 371- exc. 3714
37B	Motor vehicles parts and accessories.....	3717 pt. = (inc. SIC ind. 3714)
37C	Complete aircraft and parts.....	372-
37D	Ship building, boat building, and ship and boat repairing.....	373-
37E	Rail transportation equipment.....	374-
37F	Motorcycles and bicycles.....	3751
37G	Miscellaneous transportation equipment.....	3799
MAJOR GROUP 38 - INSTRUMENTS AND RELATED PRODUCTS		
38A	Instruments.....	3811, 3821, 3613
38B	Optical and ophthalmic goods.....	3831, 3851
38C	Surgical, medical, and orthopedic instruments and supplies.....	3841, 3842
38D	Dental instruments and supplies.....	3843
38E	Photographic equipment and supplies.....	3861
38F	Clocks, watches, and watch cases.....	3871, 3872
MAJOR GROUP 39 - MISCELLANEOUS MANUFACTURES		
39A	Jewelry, jewelers' findings, and lapidary work.....	3911-3913, 3961
39B	Silverware and plated ware.....	3914
39C	Musical instruments.....	393-
39D	Toys and games, dolls, and children's vehicles.....	3941-3943
39E	Sporting and athletic goods.....	3949
39F	Pens, pencils, and marking devices.....	3951-3953
39G	Carbon paper and inked ribbons.....	3955
39H	Buttons, needles, pins, fasteners, and similar notions.....	3963, 3964
39J	Plastic products.....	3971
39K	Brooms and brushes.....	3981
39L	Cork products.....	3982
39M	Matches.....	3983
39N	Caskets, coffins, and other morticians' goods.....	3988
23C	Fur goods.....	3992, 2371
39P	Signs and advertising novelties.....	3993
35T	Refrigeration and air-conditioning equipment.....	3997, 3585
39Q	Chemical fire-extinguishing equipment.....	3999 pt.
MC-D1	General schedule.....	2034, 2562, 2898, 3464-3468, 3499, 3592, 3954, 3962, 3984, 3985, 3986, 3987, 3991, 3994, 3995, 3996, 3999 pt.
MC-D2	General Manufactures Form (For establishments with 5 or fewer employees in all industries except -- Dairies (Form MC-20Z) Apparel (Form MC-23A) Logs, Lumber, & Other Wood Basic materials (Form MC-24B) Printing, Publishing & Allied Activities (Form MC-27C) Concrete Products (Form MC-32Q)	

APPENDIX C

REVISIONS TO BE INCORPORATED IN PAGES 1-314 OF THIS MANUAL

This appendix lists revisions, corrections, and additions to the Numerical List of Manufactured Products issued in January 1955. The changes or additions listed below are not included in the manual; the uncorrected codes, columnar structures, etc. still appear on the pages indicated for revision.

Page no.	Code change		Nature of revision or supplementary information
	From	To	
2	19999011	--	Close columns (G) and (I)
3	2013211-98	--	Close columns (H) and (I)
4 & 5	2013351	--	This code is voided. Products containing less than 20% meat should be coded to the product, e.g., beans w/pork, spaghetti w/meat, and canned Chinese foods in Industry 2033, etc.
5	2011511	--	Close columns (H) and (I)
9-11	Industries 2033 & 2035	--	Code numbers for columns (B <sup>2</sup> ) and (B <sup>3</sup> ) are shown in Reference List MC20E.
10	2034011	--	Add "Soup mix" to the description.
21	2084061,71 2084x11,31	-- --	Column (B) should read "M <u>tax</u> gal." Open column (C)
26	9512099 2099798	2099781 --	Code change Close column (D)
29	2211031	--	Close columns (C) and (H)
30	22131 & 22132	--	Column I (as shown for Industry 2233) should be listed for all products of these product classes
31	--	2221X10	Add codes and descriptions for the following: Yarns produced in this plant, not for sale (combination code)
	--	2221X30	Yarns produced for sale (combination code)
37	2233763 2233773	2233773 2233774	Code change Code change
46	3222034	2322034	Code change
56	2295 (all codes)	--	Add column (C), total production. Revise column (F) to read column (H)
59	2311155	2321155	Code change
62-71	2329371 2337311 2339031,41,51,61 2341117,26 2341215,17,21,31,41,51 2361011,13,15,17,19,31,51 2363011,15,17,21,23,25,27,31, 33,35,37,41,45,51,71,73,75 2369024,25,27,51,53,55,58,61, 63,64,71,73,81,83 2384155 2384211,51	--	These commodity codes require information on the schedule (column A2) as to the fabric from which the garments are made.
63-66	2331011 2333011 2334111 2337111,51 2337211 2337411 2341111,15,21 2341211,13,23,35,45	--	These commodity codes require information on the schedule as to both the fabric from which the garments are made (column A2) and the manufacturer's list price (column A3).
65	--	2341129	Add codes and descriptions for the following: Camisoles, woven fabric, women's, misses' and girls'
	--	2341189	All other warp knit underwear, women's, misses', children's and infants'.



## APPENDIX C--Continued

## REVISIONS TO BE INCORPORATED IN PAGES 1-314 OF THIS MANUAL

Page no.	Code change		Nature of revision or supplementary information
	From	To	
87	2499498	--	Close column (D).
92	2531039	--	Should read, "Other (except stone and concrete) tables, ----etc."
	2531041	--	Should read, "Seats for public conveyances, school busses, automobiles, trucks, tractors, etc."
94	2562011	--	Close column (H).
109			Add codes and descriptions for the following: Receipts from subscriptions and sales:
	--	2711115	Morning and Sunday
	--	2711125	Evening and Sunday
	--	2711171	Morning and evening (around-the-clock)
	--	2711181	Combination of morning, evening, and Sunday, or a combination of two frequencies not specified in existing codes.
			Receipts from advertising:
	--	2711215	Morning and Sunday
	--	2711225	Evening and Sunday
	--	2711271	Morning and evening (around-the-clock)
	--	2711281	Combination of morning, evening, and Sunday, or a combination of two frequencies not specified in existing codes.
111	2741010-98	--	Close columns (B) and (D).
115	2812231,41,45	--	Close column (I).
	2812361-77	--	Close column (I).
	2812451	--	Close column (I).
	2812235,X41	--	Open column (H).
116	2819241	--	Should read, "Sodium hypochlorite and other sodium bleach compounds."
	2819159,251,398	--	Close column (G).
	2819241	--	Close columns (C), (D) and (F) through (I). Only column (E) remains open.
117	2819461	--	Open columns (F), (H), and (I).
	2819471,87	--	Close column (G).
	2819517	--	Close column (G).
118	2819539,87	--	Close column (G).
	2819611	--	Close column (G).
119	2819706,10,23,32	--	Close column (G).
120	2819737,44,47,49,52,59	--	Close column (G).
	2819748,50,51	--	Open columns (F), (H), and (I).
121	2819761,67,73,77,81,82,88	--	Close column (G).
122	2819790-98	--	Close column (G).
128	--	2826097	Add code and description for the following: Explosives produced in government-owned privately operated establishments.
136	2842131,33,35,37,55		Affix the footnote symbol "1" to each of these commodities, since they are primary to establishments in both industries 2841 and 2842.
	2842231,33,35,37,55		
142	2853011,31	--	Close column (H).
147	2886251	2886245	Code change
159	2292211	2992211	Code to be corrected from 2292211 to 2992211.
179	3295---	--	Add "MC-32P" following the industry title.
216	3519800	3941031	Code 3519800 is voided. Assign code 3941031 to miniature engines for aircraft or toy boats.
228	3532198	--	"Other oil and gas field" products (not "ore")
	3532298	--	

## NUMERICAL LIST OF MANUFACTURED PRODUCTS - 1954 CENSUS OF MANUFACTURES

## APPENDIX C--Continued

## REVISIONS TO BE INCORPORATED IN PAGES 1-314 OF THIS MANUAL

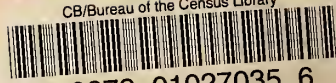
Page no.	Code change		Nature of revision or supplementary information
	From	To	
234	3524851	3542851	Code correction
	3524861	3542861	Code correction
	3524898	3542898	Code correction
246	3572111-98	3575111-98	Fourth digit of the code to be corrected from 2 to 5.
258	--	35994--	Add codes and descriptions for the following: (Column E data)
	--	3599411	REBUILT AUTOMOTIVE PARTS Rebuilt automotive parts
	--	35995--	REBUILT MACHINERY AND EQUIPMENT, N.E.C.
	--	3599511	Rebuilt machinery and equipment, n.e.c.
259	3611312	3611311	Code correction
271	3661111-398	--	Close column (C).
	3661331	--	Should read, "Radio-phonograph-TV combination models"
300	3941031	--	Miniature engines for aircraft or toy boats are included in this code rather than in 3519800.
302	3995098	3955098	Code correction
309	9322121	--	"Receipts -- on <u>woolen</u> and worsted systems" (not "woven")
	--	9322343	Add code and description for the following:
	9324911 Form MC-24A	Form MC-22A Form MC-24H	Receipts for commercial weaving of silk and synthetic broad woven fabrics other than rayon or acetate Form number to be corrected from 24A to <u>24H</u>
310	9512099	2099781	Code change
	--	9512000	Add code and description for the following: Receipts for nonmanufactured products, n.e.c.
311	Form MC-22C	--	Delete "2243" and add 2255.





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