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87-I-20I

COFFEE ROASTING AP-42  
SECTION 2-REFERENCE 1

# 1987

# Census of Manufactures

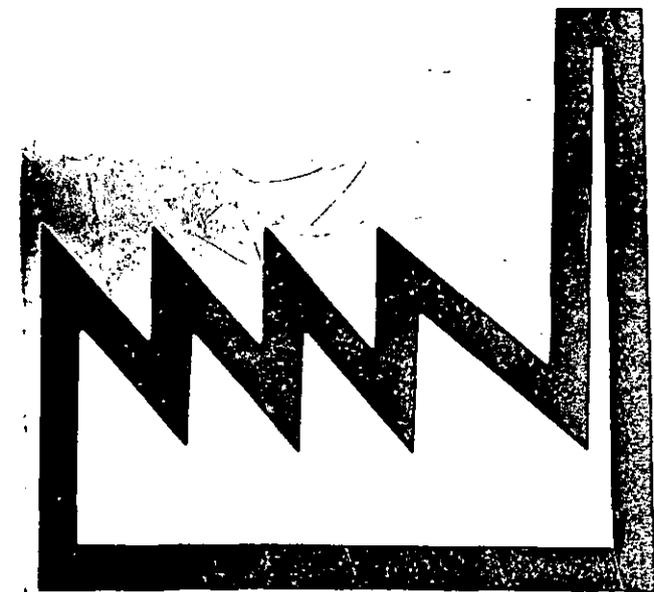
AP-42 Section	913.2
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Report Sect.	2
Reference	1

MC87-I-20I

INDUSTRY SERIES

## Miscellaneous Food and Kindred Products

Industries 2091, 2092, 2095, 2096, 2097,  
2098, and 2099



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# 1987

## Census of Manufactures

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MC87-I-201

INDUSTRY SERIES

### Miscellaneous Food and Kindred Products

Industries 2091, 2092, 2095, 2096, 2097,  
2098, and 2099

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Issued April 1990



**U.S. Department of Commerce**  
**Robert A. Mosbacher, Secretary**  
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**Michael R. Darby, Under Secretary**  
**for Economic Affairs**

**BUREAU OF THE CENSUS**

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# DESCRIPTION OF INDUSTRIES AND SUMMARY OF FINDINGS

This report shows 1987 Census of Manufactures statistics for establishments classified in each of the following industries:

## SIC code and title

2091	Canned and Cured Fish and Seafoods
2092	Fresh or Frozen Prepared Fish and Seafoods
2095	Roasted Coffee
2096	Potato Chips and Similar Snacks
2097	Manufactured Ice
2098	Macaroni and Spaghetti
2099	Food Preparations, N.E.C.

The industry statistics (employment, payroll, cost of materials, value of shipments, inventories, etc.) are reported for each establishment as a whole. Aggregates of such data for an industry reflect not only the primary activities of the establishments but also their activities in the manufacture of secondary products as well as their miscellaneous activities (contract work on materials owned by others, repair work, etc.). This fact should be taken into account when comparing industry statistics (tables 1 through 5a) with product statistics (table 6) showing shipments by all industries of the primary products of the specified industry. The extent of the "product mix" is indicated in table 5b, which shows the value of primary and secondary products shipped by establishments classified in the specified industry and the value of primary products of the industry shipped as secondary products by establishments classified in other industries.

Small single-establishment companies with up to 20 employees (cutoff varied by industry) were excluded from the mail portion of the census. For these establishments (and a small number of larger establishments whose reports were not received at the time the data were tabulated), data on payrolls and receipts were obtained from administrative records of other Federal agencies. The remaining statistics were developed from industry averages.

Establishment data were tabulated based on industry definitions included in the 1987 Standard Industrial Classification (SIC) Manual<sup>1</sup>. The 1987 edition represents a major revision for manufacturing industries from the 1972 edition and its 1977 supplement. In addition to the 1987 SIC revision, changes were made to the product class

<sup>1</sup>Standard Industrial Classification Manual: 1987. For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-00314-2.

(five-digit) and product code (seven-digit) categories. The product class and product code comparability between the 1987 and 1982 censuses is shown in the appendixes. These appendixes present, in tabular form, the linkage from 1987 to 1982.

All dollar figures included in this report are at prices current for the year specified and, therefore, unadjusted for changes in price levels. Consequently, when making comparisons to prior years, users should take into consideration the inflation that has occurred.

## INDUSTRY 2091, CANNED AND CURED FISH AND SEAFOODS

This industry is made up of establishments primarily engaged in cooking and canning fish, shrimp, oysters, clams, crabs, and other seafoods, including soups; and those engaged in smoking, salting, drying, or otherwise curing fish and other seafoods for the trade. Establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers or in freezing or preparing fresh fish are classified in industry 2092.

The 1987 definition of this industry is the same as that used in the 1972/7 Standard Industrial Classification (SIC) system. The SIC number and title also are the same.

In the 1987 Census of Manufactures, Industry 2091, Canned and Cured Fish and Seafoods, had employment of 6.7 thousand. The employment figure was 52 percent below the 13.9 thousand reported in 1982. The leading States in employment in 1987 were California, Maine, Alaska, and Washington. These same States were the leaders in 1982.

The total value of production for establishments classified in this industry was \$767.0 million.

Establishments in virtually all industries ship secondary products as well as products primary to the industry to which they are classified and have some miscellaneous receipts, such as resales and contract receipts. Industry 2091 shipped \$652.1 million of canned and cured fish and seafood products considered primary to the industry, \$92.4 million of secondary products, and had \$22.6 million of miscellaneous receipts, resales, and contract work. Thus, the ratio of primary products to the total of both secondary and primary products shipped by establishments in the industry was 88 percent (specialization ratio).

Establishments in this industry also accounted for 76 percent of products considered primary to the industry no matter where they actually were produced (coverage ratio). In 1982, the coverage ratio was 91 percent. The products primary to industry 2091, no matter in what industry they

are produced, appear in table 6a and aggregate to \$62.2 billion. For further explanation of specialization and coverage ratios, see table 5b and the appendixes.

The total cost of materials, services, and fuels and electric energy used by establishments classified in the fresh or frozen prepared fish and seafood industry amounted to \$82.4 million. Data on specific materials consumed appear in table 7.

Single-establishment companies in this industry with up to 20 employees were excluded from the mail portion of the census. The data for these establishments (and a small number of larger establishments whose reports were not received at the time the data were tabulated) were obtained from administrative records of other agencies or developed from industry averages. These establishments accounted for 12 percent of total value of shipments.

## **INDUSTRY 2092, FRESH OR FROZEN PREPARED FISH AND SEAFOODS**

This industry is made up of establishments primarily engaged in preparing fresh and raw or cooked frozen fish and other seafoods and seafood preparations, such as soups, stews, chowders, fishcakes, crabcakes, and shrimp cakes. Prepared fresh fish are eviscerated or processed for removal of heads, fins, or scales. This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers.

The 1987 definition of this industry is the same as that used in the 1972/7 Standard Industrial Classification (SIC) system. The SIC number and title also are the same.

In the 1987 Census of Manufactures, Industry 2092, Fresh or Frozen Prepared Fish and Seafoods, had employment of 38.3 thousand. The employment figure was 2 percent above the 37.5 thousand reported in 1982. Compared with 1986, employment increased 5 percent. The 1986 data are based on the Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses. The leading States in employment in 1987 were Florida, Mississippi, Alaska, and Washington. This represents a shift from 1982 when Florida, Massachusetts, Virginia, and Alaska were the leading States.

The total value of production for establishments classified in this industry was \$5.8 billion.

Establishments in virtually all industries ship secondary products as well as products primary to the industry to which they are classified and have some miscellaneous receipts, such as resales and contract receipts. Industry 2092 shipped \$4.9 billion of fresh or frozen prepared fish and seafood products considered primary to the industry, \$0.45 billion of secondary products, and had \$609.5 million of miscellaneous receipts, resales, and contract work. Thus, the ratio of primary products to the total of both secondary and primary products shipped by establishments in the industry was 96 percent (specialization ratio). In 1982, the specialization ratio was 97 percent.

Establishments in this industry also accounted for 97 percent of products considered primary to the industry no matter where they actually were produced (coverage ratio). In 1982, the coverage ratio also was 97 percent. The products primary to industry 2092, no matter in what industry they were produced, appear in table 6a and aggregate to \$5.1 billion. For further explanation of specialization and coverage ratios, see table 5b and the appendixes.

The total cost of materials, services, and fuels and electric energy used by establishments classified in the fresh or frozen prepared fish industry amounted to \$4.2 billion. Data on specific materials consumed appear in table 7.

Single-establishment companies in this industry with up to 10 employees were excluded from the mail portion of the census. The data for these establishments (and a small number of larger establishments whose reports were not received at the time the data were tabulated) were obtained from administrative records of other agencies or developed from industry averages. These establishments accounted for 12 percent of total value of shipments.

## **INDUSTRY 2095, ROASTED COFFEE**

This industry is made up of establishments primarily engaged in roasting coffee, and in manufacturing coffee concentrates and extracts in powdered, liquid, or frozen form, including freeze-dried. Coffee roasting by wholesale grocers is classified in Wholesale Trade, industry 5149.

The 1987 definition of this industry is the same as that used in the 1972/7 Standard Industrial Classification (SIC) system. The SIC number and title also are the same.

In the 1987 Census of Manufactures, Industry 2095, Roasted Coffee, had employment of 10.7 thousand. The employment figure was 9 percent below the 11.8 thousand reported in 1982. Compared with 1986, employment decreased 7 percent. The 1986 data are based on the Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses. The leading States in employment in 1987 were New Jersey, California, and Texas, accounting for 45 percent of the industry's employment. These same States were the leaders in 1982, when they accounted for 48 percent of the industry's employment.

The total value of shipments for establishments classified in this industry was \$6.4 billion.

Establishments in virtually all industries ship secondary products as well as products primary to the industry to which they are classified and have some miscellaneous receipts, such as resales and contract receipts. Industry 2095 shipped \$5.4 billion of roasted coffee products considered primary to the industry, \$334.7 million of secondary products, and had \$640.4 million of miscellaneous receipts, resales, and contract work. Thus, the ratio of primary products to the total of both secondary and

**Table 1a-1. Historical Statistics for the Industry (1987 Basis): 1987 and Earlier Years**

Industries with only 1987 data are revised for 1987. Table 1a-2 contains historical data on the old SIC basis. See table 1c-1 for composition of the new industry on the old SIC basis. Excludes data for auxiliaries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendices

Year <sup>1</sup>	All establishments <sup>3</sup>			All employees		Production workers			Value added by manufacture <sup>4</sup> (million dollars)	Cost of materials <sup>5</sup> (million dollars)	Value of shipments <sup>6</sup> (million dollars)	New capital expenditures <sup>6</sup> (million dollars)	End-of-year inventories <sup>4</sup> (million dollars)	Ratios	
	Compan-ies <sup>2</sup> (no.)	Total (no.)	With 20 employ-ees or more (no.)	Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						Special-ization <sup>7</sup> (per-cent)	Cover-age <sup>8</sup> (per-cent)
<b>INDUSTRY 2091, CANNED AND CURED FISH AND SEAFOODS<sup>9</sup></b>															
1987 Census	154	175	81	6.7	99.8	5.4	9.2	69.9	283.3	482.4	767.0	14.4	142.4	88	76
1986 ASM <sup>10</sup>	(NA)	(NA)	(NA)	4.4	71.4	3.7	6.5	49.5	186.1	354.2	539.7	<sup>11</sup> 14.8	118.8	(NA)	(NA)
1985 ASM <sup>10</sup>	(NA)	(NA)	(NA)	5.8	64.5	5.0	9.1	59.6	227.4	471.6	697.0	<sup>11</sup> 11.6	159.7	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	11.4	193.9	9.8	20.9	136.6	479.9	1 028.9	1 506.9	11.0	418.3	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	12.6	199.2	10.7	19.5	151.3	620.7	1 211.5	1 836.8	20.6	411.5	(NA)	(NA)
1982 Census	170	204	107	13.9	194.9	12.1	21.1	150.6	613.4	1 235.3	1 849.1	20.5	495.6	(D)	91
1981 ASM	(NA)	(NA)	(NA)	15.3	206.7	13.6	24.2	165.5	752.2	1 620.1	2 587.7	<sup>11</sup> 17.6	570.0	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	15.6	198.7	14.1	25.3	164.3	425.5	1 540.1	1 958.8	26.3	505.1	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	16.1	178.9	14.3	25.1	144.9	479.4	1 320.9	1 800.3	<sup>11</sup> 15.8	393.2	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	16.6	173.2	14.7	27.7	136.2	393.8	1 250.7	1 643.5	36.4	347.9	(NA)	(NA)
1977 Census	215	255	118	16.0	147.0	13.8	25.0	113.4	441.0	1 000.4	1 440.6	28.1	311.1	81	96
1976 ASM <sup>10</sup>	(NA)	(NA)	(NA)	12.6	113.3	11.0	17.7	88.9	521.8	857.9	1 378.1	47.3	232.3	(NA)	(NA)
1975 ASM <sup>10</sup>	(NA)	(NA)	(NA)	13.1	101.4	11.1	17.3	77.4	377.5	594.1	1 006.6	27.2	235.1	(NA)	(NA)
1974 ASM <sup>10</sup>	(NA)	(NA)	(NA)	15.9	113.3	14.0	22.4	87.9	405.1	718.8	1 046.5	24.1	281.8	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	16.2	108.2	14.1	24.3	82.8	314.5	684.8	982.0	17.3	185.9	(NA)	(NA)
1972 Census	258	310	139	16.0	99.0	14.0	24.0	75.0	231.4	580.6	809.8	15.5	158.2	87	93
<b>INDUSTRY 2092, FRESH OR FROZEN PREPARED FISH AND SEAFOODS<sup>9</sup></b>															
1987 Census	576	644	358	38.3	531.3	32.5	58.2	381.8	1 537.1	4 214.7	5 752.0	105.0	832.1	96	97
1986 ASM	(NA)	(NA)	(NA)	36.6	461.0	30.6	53.3	330.3	1 252.8	3 236.4	4 490.2	58.4	602.5	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	36.0	410.7	30.6	53.7	287.5	1 070.1	2 866.1	3 946.9	58.9	539.8	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	34.1	396.8	28.8	49.4	278.3	2 802.7	2 802.7	3 773.9	56.1	587.5	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	34.3	398.4	29.5	51.5	264.0	936.5	2 846.5	3 789.5	42.2	599.7	(NA)	(NA)
1982 Census	697	783	433	37.5	408.6	32.5	55.5	303.8	966.7	3 040.0	4 009.1	62.2	587.3	97	97
1981 ASM <sup>10</sup>	(NA)	(NA)	(NA)	36.7	360.6	31.9	55.2	270.8	1 021.0	2 365.7	3 409.3	<sup>11</sup> 48.9	459.3	(NA)	(NA)
1980 ASM <sup>10</sup>	(NA)	(NA)	(NA)	35.6	333.1	30.7	51.8	245.2	962.1	2 406.2	3 370.2	(S)	531.8	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	38.1	318.6	31.1	54.4	232.3	954.8	2 408.2	3 355.9	58.3	541.4	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	35.5	282.3	29.9	52.1	209.2	872.8	2 176.1	3 041.6	46.5	441.3	(NA)	(NA)
1977 Census	908	990	406	34.3	260.8	29.6	49.7	188.9	700.9	1 962.9	2 664.9	56.8	376.7	97	97
1976 ASM	(NA)	(NA)	(NA)	24.8	180.8	21.3	37.4	132.7	484.5	1 341.6	1 821.2	32.1	241.0	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	24.0	159.5	20.7	35.4	113.4	347.9	1 095.8	1 452.7	24.4	202.1	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	24.7	151.5	20.9	35.6	103.6	305.3	1 006.1	1 335.9	23.3	196.4	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	26.1	142.2	22.3	38.5	99.8	345.0	980.5	1 279.3	21.6	216.2	(NA)	(NA)
1972 Census	470	518	256	25.0	129.6	21.8	37.7	93.8	287.5	798.1	1 084.4	17.8	169.3	96	92
<b>INDUSTRY 2095, ROASTED COFFEE</b>															
1987 Census	111	141	82	10.7	303.0	6.6	13.6	170.5	2 589.8	3 775.2	6 400.6	155.2	524.6	94	99
1986 ASM	(NA)	(NA)	(NA)	11.5	307.1	7.4	15.2	179.5	2 444.7	5 140.2	7 544.0	147.3	575.3	(NA)	(NA)
1985 ASM	(NA)	(NA)	(NA)	11.4	294.5	7.5	15.0	178.1	2 445.8	4 211.2	6 677.1	<sup>11</sup> 138.9	498.0	(NA)	(NA)
1984 ASM	(NA)	(NA)	(NA)	11.1	279.2	7.2	14.5	171.7	2 220.2	4 178.3	6 378.4	134.1	492.6	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	11.1	265.1	6.9	13.8	155.4	2 115.0	3 710.8	5 808.5	96.1	446.9	(NA)	(NA)
1982 Census	118	152	85	11.8	265.7	7.4	15.0	157.1	2 070.3	3 749.0	5 826.9	80.5	413.5	94	99
1981 ASM	(NA)	(NA)	(NA)	11.8	243.4	7.2	14.3	139.7	1 915.5	3 791.4	5 717.1	103.8	361.5	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	12.1	224.3	7.7	14.7	132.7	1 902.1	4 459.9	6 341.5	76.2	435.6	(NA)	(NA)
1979 ASM	(NA)	(NA)	(NA)	11.4	198.9	7.2	14.8	117.6	1 748.3	4 222.5	5 944.8	60.4	379.5	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	11.8	178.0	7.2	14.0	104.0	1 652.1	4 342.0	6 011.0	45.8	359.9	(NA)	(NA)
1977 Census	133	167	89	10.9	164.8	7.2	15.0	103.2	988.0	4 643.4	5 616.4	41.9	405.3	96	98
1976 ASM	(NA)	(NA)	(NA)	11.4	153.4	7.4	15.4	97.0	1 257.6	3 394.5	4 623.6	37.0	361.4	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	11.9	149.3	7.4	15.2	90.7	1 108.0	2 047.2	3 161.6	48.4	235.8	(NA)	(NA)
1974 ASM	(NA)	(NA)	(NA)	12.1	139.4	7.7	15.8	85.1	905.9	1 845.5	2 724.8	29.5	225.7	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	12.7	135.8	8.2	17.0	84.6	822.6	1 761.1	2 570.3	38.6	211.1	(NA)	(NA)
1972 Census	162	213	104	12.9	131.5	8.3	17.0	81.0	825.8	1 503.1	2 328.7	31.5	183.3	94	97
<b>INDUSTRY 2096, POTATO CHIPS AND SIMILAR SNACKS<sup>12</sup></b>															
1987 Census	273	343	183	33.0	622.1	23.2	38.6	375.0	3 299.6	1 749.3	5 038.6	181.3	189.9	98	94
<b>INDUSTRY 2097, MANUFACTURED ICE</b>															
1987 Census	502	549	65	4.7	77.0	2.8	5.9	41.8	202.9	86.7	289.6	14.0	12.7	100	98
1986 ASM <sup>10</sup>	(NA)	(NA)	(NA)	4.6	65.9	2.6	4.3	36.6	148.5	75.0	223.6	<sup>11</sup> 18.8	5.7	(NA)	(NA)
1985 ASM <sup>10</sup>	(NA)	(NA)	(NA)	4.8	69.4	2.2	3.8	35.2	151.1	79.7	230.9	<sup>11</sup> 32.1	6.5	(NA)	(NA)
1984 ASM <sup>10</sup>	(NA)	(NA)	(NA)	4.6	69.1	2.4	3.6	34.7	144.2	71.6	217.1	<sup>11</sup> 26.3	7.9	(NA)	(NA)
1983 ASM	(NA)	(NA)	(NA)	5.1	66.7	2.7	4.9	37.6	172.3	82.5	252.0	78.7	16.4	(NA)	(NA)
1982 Census	530	596	64	5.0	65.1	3.0	5.5	35.9	152.6	79.0	229.5	13.4	9.4	100	98
1981 ASM	(NA)	(NA)	(NA)	5.3	64.5	3.1	7.0	37.2	147.2	53.2	200.4	17.9	7.5	(NA)	(NA)
1980 ASM	(NA)	(NA)	(NA)	5.1	56.8	3.1	7.3	34.0	120.2	50.5	169.6	(S)	8.0	(NA)	(NA)
1979 ASM <sup>10</sup>	(NA)	(NA)	(NA)	5.6	53.4	3.7	8.4	30.0	118.4	39.5	157.2	<sup>11</sup> 10.6	7.4	(NA)	(NA)
1978 ASM	(NA)	(NA)	(NA)	5.2	45.8	3.7	6.7	21.3	97.2	52.8	149.2	23.5	5.8	(NA)	(NA)
1977 Census	543	678	63	5.3	47.8	3.5	6.7	25.5	106.1	43.6	149.4	16.9	4.4	99	99
1976 ASM	(NA)	(NA)	(NA)	5.6	48.0	3.8	7.4	27.9	113.3	37.4	150.9	14.1	5.9	(NA)	(NA)
1975 ASM	(NA)	(NA)	(NA)	5.7	43.8	3.8	6.5	24.2	94.5	30.9	125.7	10.2	6.1	(NA)	(NA)
1974 ASM <sup>10</sup>	(NA)	(NA)	(NA)	6.6	43.3	4.8	8.3	25.1	93.4	29.7	123.5	<sup>11</sup> 9.0	3.5	(NA)	(NA)
1973 ASM	(NA)	(NA)	(NA)	6.4	43.4	4.4	9.1	26.5	97.2	24.0	120.6	8.1	2.8	(NA)	(NA)
1972 Census	610	818	87	6.8	42.6	4.7	9.5	26.1	91.7	24.5	116.4	8.9	2.2	100	99
<b>INDUSTRY 2098, MACARONI AND SPAGHETTI<sup>12</sup></b>															
1987 Census	205	218	48	6.6	140.0	5.0	8.8	90.8	614.0	435.1	1 048.1	32.2	77.5	96	99
<b>INDUSTRY 2099, FOOD PREPARATIONS, N.E.C.<sup>12</sup></b>															
1987 Census	1 492	1 658	633	57.9	1 109.8	40.8	77.5	651.5	5 126.4	4 702.6	9 787.3	247.5	868.7	91	80

See footnotes at end of table.

Table 2. Industry Statistics for Selected States: 1987 and 1982—Con.

[Excludes data for auxiliaries. States with 150 employees or more are shown. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and geographic area	1987											1982		
	E1	All establishments		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures (million dollars)	All employees <sup>2</sup> (1,000)	Value added by manufacture (million dollars)
		Total (no.)	With 20 employees or more (no.)	Number <sup>2</sup> (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						
<b>INDUSTRY 2092, FRESH OR FROZEN PREPARED FISH AND SEAFOODS</b>														
United States	E1	644	358	38.3	531.3	32.5	58.2	381.8	1 537.1	4 214.7	5 752.0	105.0	37.5	966.7
Alabama	-	19	11	1.5	16.8	1.3	2.1	11.5	25.9	146.4	172.4	1.1	1.1	14.7
Alaska	-	60	41	3.8	63.4	3.4	6.5	53.1	176.4	514.4	691.5	30.8	3.5	132.3
California	E1	44	29	3.1	45.9	2.7	5.0	33.1	110.8	317.0	427.7	4.5	3.5	99.1
Delaware	-	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA	(D)
Florida	-	55	28	4.9	61.0	4.2	8.2	44.7	144.7	420.2	563.2	8.9	5.2	144.4
Georgia	-	12	7	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	20.6
Hawaii	-	4	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Louisiana	E4	51	18	1.1	11.9	1.0	1.6	9.0	34.5	109.6	144.1	(D)	1.2	19.2
Maine	E2	15	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	7.1
Maryland	-	30	14	1.1	14.6	1.0	1.6	10.7	16.7	172.6	189.3	2.7	1.5	26.1
Massachusetts	-	46	30	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4.2	137.1
Minnesota	E2	6	4	3	3.5	.2	.4	2.1	4.6	14.8	19.4	(D)	AA	(D)
Mississippi	-	23	16	FF	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.5	39.7
New Jersey	E5	10	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA	(D)
New York	E3	11	4	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.3	12.5
North Carolina	E2	29	21	.9	7.3	.8	1.1	5.3	20.6	31.2	51.9	1.5	.9	15.6
Oregon	-	18	11	1.4	18.2	1.1	2.0	13.5	56.8	130.6	187.3	(D)	1.1	21.6
Pennsylvania	-	7	5	1.2	25.4	1.0	2.0	16.7	159.4	241.9	400.8	4.6	1.2	64.5
Rhode Island	E4	8	3	.3	4.0	.2	.3	2.2	10.2	18.0	28.2	(D)	.4	9.1
South Carolina	E2	7	3	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	9.1
Texas	E3	17	9	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1.2	27.6
Virginia	E4	88	35	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3.7	42.2
Washington	E2	71	50	3.7	60.3	3.1	5.5	41.7	172.5	412.3	584.3	8.2	2.7	75.9
<b>INDUSTRY 2095, ROASTED COFFEE</b>														
United States	-	141	82	10.7	303.0	6.6	13.6	170.5	2 589.6	3 775.2	6 400.6	155.2	11.8	2 070.3
Alabama	-	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
California	-	23	14	1.3	40.3	1.0	1.9	27.4	390.7	658.0	1 056.6	17.4	1.5	360.3
Florida	-	13	4	.8	21.8	.5	1.1	14.3	496.8	400.8	908.1	9.9	1.3	346.5
Illinois	-	6	6	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.5	15.3
Louisiana	-	7	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	.7	182.2
Massachusetts	-	5	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA	(D)
Missouri	-	6	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB	(D)
New Jersey	-	11	10	2.2	65.2	1.4	3.0	38.4	416.9	569.8	995.6	23.6	2.7	475.3
New York	E1	15	9	.5	13.8	.3	.6	6.7	60.1	177.3	238.7	3.7	.6	53.8
North Carolina	-	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	BB	(D)
Ohio	-	5	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	CC	(D)
Oklahoma	-	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA	(D)
Oregon	E9	2	1	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	AA	(D)
South Carolina	-	1	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Tennessee	-	2	2	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Texas	-	7	6	1.3	43.1	1.0	2.2	34.7	440.5	409.8	847.5	(D)	1.5	233.0
<b>INDUSTRY 2096, POTATO CHIPS AND SIMILAR SNACKS</b>														
United States	-	343	183	33.0	622.1	23.2	38.6	375.0	3 299.6	1 749.3	5 038.6	161.3	(NA)	(NA)
Alabama	-	2	1	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
California	-	44	17	3.6	60.4	2.2	3.8	37.4	309.6	152.2	460.9	12.0	(NA)	(NA)
Colorado	-	10	4	.8	9.4	.4	.6	6.1	37.7	21.6	59.4	(D)	(NA)	(NA)
Connecticut	-	3	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Florida	-	8	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Georgia	E1	3	3	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Hawaii	-	9	3	.3	6.3	.2	.3	2.2	15.9	6.5	24.4	(D)	(NA)	(NA)
Illinois	-	18	10	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Indiana	-	5	4	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Iowa	-	10	3	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Kansas	-	6	2	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Kentucky	E1	5	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Massachusetts	-	7	6	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Michigan	-	10	6	.9	20.6	.6	1.0	11.9	95.2	47.6	143.0	(D)	(NA)	(NA)
Minnesota	-	4	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Mississippi	-	2	1	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Missouri	-	9	4	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Nebraska	-	5	4	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
New York	-	8	5	CC	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
North Carolina	-	7	5	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Ohio	E1	29	15	EE	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Oregon	-	2	2	BB	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Pennsylvania	E1	34	22	4.9	93.9	3.0	5.7	49.4	319.9	286.5	605.0	22.7	(NA)	(NA)
South Carolina	-	2	1	AA	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(NA)	(NA)
Tennessee	-	6	5	1.3	29.4	.9	1.8	18.1	143.4	101.3	245.0	(D)	(NA)	(NA)

See footnotes at end of table.

**Table 5a. Industry Statistics by Industry and Primary Product Class Specialization: 1987**

[Table presents selected statistics for establishments according to their degree of specialization in products primary to their industry. Measures of plant specialization shown are (1) industry specialization: ratio of primary product shipments to total product shipments (primary plus secondary, excluding miscellaneous receipts) for the establishment; and (2) product class specialization: ratio of largest primary product class shipments to total product shipments (primary plus secondary, excluding miscellaneous receipts) for the establishment. See appendix for method of computing ratios. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry or product class code	Industry or primary product class	All establishments (number)	All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures (million dollars)
			Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)				
2091	<b>Canned and cured fish and seafoods:</b> All establishments in industry .....	175	6.7	99.8	5.4	9.2	69.9	283.3	482.4	767.0	14.4
2092	<b>Fresh or frozen prepared fish and seafoods:</b> All establishments in industry .....	644	38.3	531.3	32.5	58.2	381.8	1 537.1	4 214.7	5 752.0	105.0
20922	Establishments with this product class primary: Prepared fresh fish and other seafood .....	138	7.9	96.3	6.4	11.2	69.0	213.2	530.3	743.5	12.7
20923	Frozen fish, excluding surimi .....	85	12.3	202.9	10.4	19.4	148.0	745.5	1 866.5	2 614.5	53.8
20925	Frozen shellfish, excluding surimi .....	80	10.3	133.8	9.0	17.1	93.8	326.9	1 194.8	1 519.3	21.4
20926	Other frozen seafoods .....	15	.9	19.1	.8	1.6	14.2	30.5	64.2	94.7	8.8
2095	<b>Roasted coffee:</b> All establishments in industry .....	141	10.7	303.0	6.6	13.6	170.5	2 589.8	3 775.2	6 400.6	155.2
20951	Establishments with this product class primary: Roasted coffee, whole bean or ground .....	97	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
20952	Concentrated coffee .....	6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
2096	<b>Potato chips and similar snacks:</b> All establishments in industry .....	343	33.0	622.1	23.2	38.6	375.0	3 289.6	1 749.3	5 038.6	181.3
20961	Establishments with this product class primary: Potato chips and sticks, plain and flavored .....	108	17.5	340.4	10.9	19.7	178.2	1 408.2	961.0	2 369.1	103.5
20962	Corn chips and related products .....	61	11.8	222.6	9.6	14.0	158.8	1 591.5	580.1	2 162.0	66.4
20963	Other chips, sticks, etc. ....	21	1.3	26.7	1.2	2.2	21.5	205.4	113.1	318.0	6.2
2097	<b>Manufactured ice:</b> All establishments in industry .....	549	4.7	77.0	2.8	5.9	41.8	202.9	86.7	289.6	14.0
2098	<b>Macaroni and spaghetti:</b> All establishments in industry .....	218	6.6	140.0	5.0	9.8	90.8	614.0	435.1	1 048.1	32.2
2099	<b>Food preparations, n.e.c.:</b> All establishments in industry .....	1 658	57.9	1 109.8	40.8	77.5	651.5	5 126.4	4 702.6	9 787.3	247.5
20991	Establishments with this product class primary: Desserts (ready-to-mix) .....	14	2.7	74.0	1.9	3.8	45.3	532.3	362.8	901.6	14.4
20993	Sweetening syrups and molasses .....	21	1.4	27.5	1.1	2.0	16.4	122.8	100.6	223.4	2.8
20994	Baking powder and yeast .....	24	1.5	43.7	1.0	2.0	28.0	205.9	149.2	354.6	23.5
20996	Vinegar and cider .....	33	.9	16.8	.7	1.4	12.2	37.4	55.0	90.6	2.9
20997	Dry mix preparations .....	89	6.8	158.9	4.5	9.3	80.6	605.5	769.7	1 356.6	43.7
20999	Perishable prepared foods sold in bulk or packages (not frozen) .....	284	17.8	261.3	13.1	24.6	158.6	671.9	758.0	1 423.8	44.5
2099D	Tea in consumer packages .....	20	3.0	80.1	2.3	4.8	54.0	589.5	379.0	972.9	24.0
2099E	Spices .....	38	4.2	109.1	2.4	4.3	54.6	671.4	453.4	1 107.7	24.0
2099F	Peanut butter .....	18	1.3	31.8	.9	1.9	19.1	291.0	431.2	712.6	11.3
2099G	Other food preparations, n.e.c. ....	119	6.4	132.6	4.4	8.6	77.2	523.7	562.9	1 087.1	29.7

Note: For qualifications of data, see footnotes on table 1a-1.

**Table 5b. Industry-Product Analysis—Value of Shipments and Primary Product Shipments and Specialization and Coverage Ratios for the Industry: 1987 and Earlier Census Years**

[An establishment is assigned to an industry based on shipment values of products representing largest amount considered primary to an industry. Frequently, establishment shipments comprise mixtures of products assigned to an industry (primary), those considered primary to other industries (secondary), and receipts for activities such as merchandising or contract work. Columns A-D show this product pattern for an industry, and column E shows primary product specialization ratio. The extent to which an industry's primary products are shipped by establishments classified in and out of an industry is shown in columns F-H and coverage ratio is shown in column I. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

Industry and product group code	Industry and census year	Value of shipments					Value of primary product shipments				Coverage ratio col. B col. F (percent)
		Total (million dollars)	Primary products (million dollars)	Secondary products (million dollars)	Miscellaneous receipts (million dollars)	Primary product specialization ratio col. B ÷ col. B + C (percent)	Total made in all industries (million dollars)	Made in this industry (million dollars)	Made in other industries (million dollars)		
		A	B	C	D	E	F	G	H		
2091	Canned and cured fish and seafoods .....	1987..	767.0	652.1	92.4	22.6	88	862.2	652.1	210.1	76
	1982..	1 849.1	1 152.2	(D)	(D)	(D)	1 267.1	1 152.2	114.9	90	
	1977..	1 440.6	948.2	236.3	256.1	81	1 025.5	948.2	77.3	90	
2092	Fresh or frozen prepared fish and seafoods .....	1987..	5 752.0	4 938.0	204.5	609.5	96	5 072.7	4 938.0	134.7	57
	1982..	4 009.1	3 589.9	122.4	296.8	97	3 714.0	3 589.9	124.1	90	
	1977..	2 664.9	2 382.3	77.3	205.3	97	2 459.2	2 382.3	76.9	90	
2095	Roasted coffee .....	1987..	6 400.6	5 425.4	334.7	640.4	94	5 466.6	5 425.4	41.1	97
	1982..	5 826.9	5 080.2	296.0	450.7	94	5 122.7	5 080.2	42.4	97	
	1977..	5 616.4	5 127.5	213.3	275.6	96	5 217.8	5 127.5	90.3	97	

See footnotes at end of table.

**Table 6a. Product and Product Classes—Quantity and Value of Shipments by All Producers: 1987 and 1982—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. For further explanation, see Value of Shipments in appendices. For comparability of product classes and product codes between 1982 and 1987, see appendices. For meaning of abbreviations and symbols, see introductory text.]

1987 product code	Product	1987			1982		
		Number of companies with production of \$100,000 or more	Total production <sup>1</sup>		Number of companies with production of \$100,000 or more	Total production <sup>1</sup>	
			Quantity <sup>2</sup>	Value (million dollars)		Quantity <sup>2</sup>	Value (million dollars)
<b>2092--</b>	<b>FRESH OR FROZEN PREPARED FISH AND OTHER SEAFOODS—Con.</b>						
20923 --	Frozen fish, excluding surimi	(NA)	(X)	2 035.8	(NA)	(X)	1 033.9
	Ground fish (cod, cusk, haddock, hake, Atlantic Ocean perch, Atlantic pollock, and whiting):						
	Fillets and steaks:						
20923 11	Breaded or battered..... mil lb..	19		207.7			
20923 13	Plain..... do..	20		29.6	26	(S)	142.2
	Sticks and portions:						
20923 15	Breaded or battered..... mil lb..	13		375.7			
20923 17	Plain..... do..	6		18.5	15	**267.0	303.1
20923 19	Other..... do..	15		34.1	9	(D)	(D)
	Flounder:						
20923 24	Fillets and steaks..... mil lb..	15		16.8	19	*14.4	25.8
20923 25	Other..... do..	6		10.7	8	8.0	12.2
	All other:						
	Fillets and steaks:						
20923 31	Breaded or battered..... mil lb..	17		49.3			
20923 33	Plain..... do..	22		108.0	31	93.6	133.1
20923 35	Other..... do..	50		276.3	(NA)	(D)	(D)
20923 00	Frozen fish, excluding shellfish and surimi, n.s.k.	(NA)	(X)	38.1	(NA)	(X)	167.1
20925 --	Frozen shellfish, excluding surimi	(NA)	(X)	1 321.1	(NA)	(X)	1 304.2
	Shrimp:						
20925 21	Headless, raw..... mil lb..	29		35.4	49	**53.7	237.8
20925 22	Peeled, raw..... do..	31		44.2	27	*28.9	128.9
20925 23	Peeled, cooked..... do..	31		35.9	27	33.1	129.8
20925 24	Breaded..... do..	24		101.6	23	74.5	259.5
20925 25	Other (100 percent shrimp products)..... do..	10		(X) 58.4	5	(X)	7.3
20925 26	Lobster tails..... do..	7		(X) 20.4	6	(X)	8.0
	Crabs:						
20925 31	Blue and rock meat..... do..	14	(X)	26.5	9	(X)	9.9
20925 32	Dungeness meat..... do..	12	(X)	12.4	15	(X)	21.8
	King:						
20925 33	Cooked meat..... mil lb..	5	(S)	15.2	12	8.4	32.3
20925 34	Sections..... do..	10		12.7	14	24.4	100.6
20925 35	Other crabs (snow, stone, etc.)..... do..	14		42.3	28	*31.8	80.9
20925 36	Other frozen shellfish, including oysters, clams, and parts of crabs and lobsters not listed above	28	(X)	123.1	43	(X)	134.6
20925 00	Frozen packaged shellfish, excluding surimi, n.s.k.	(NA)	(X)		(NA)	(X)	153.0
20926 --	Other frozen seafoods	(NA)	(X)	196.5	(NA)	(X)	93.3
20926 11	Surimi..... mil lb..	3		18.2			
20926 13	Surimi-based products (soups, stews, chowders, dinners, pies, fishcakes, crabcakes, shrimpcakes, etc.), except surimi and surimi-based products	4		9.9			
20926 98	Other frozen seafoods, n.s.k.	32		85.6	28	**61.2	93.3
20926 00	Other frozen seafoods, n.s.k.	(NA)	(X)				
20920 --	Prepared fresh or frozen fish and other seafood, n.s.k.	(NA)	(X)	729.3	(NA)	(X)	704.3
20920 00	Prepared fresh or frozen fish and other seafood, n.s.k., typically for establishments with 10 employees or more (see note)	(NA)	(X)	590.9	(NA)	(X)	669.5
20920 02	Prepared fresh or frozen fish and other seafood, n.s.k., typically for establishments with less than 10 employees (see note)	(NA)	(X)	138.5	(NA)	(X)	34.8

1987 product code	Product	1987			1982		
		Number of companies with shipments of \$100,000 or more	Product shipments <sup>1</sup>		Number of companies with shipments of \$100,000 or more	Product shipments <sup>1</sup>	
			Quantity <sup>2</sup>	Value (million dollars)		Quantity <sup>2</sup>	Value (million dollars)
<b>2095--</b>	<b>ROASTED COFFEE</b>						
	Total	(NA)	(X)	5 466.6	(NA)	(X)	5 122.7
20951 --	Roasted coffee, whole bean or ground	(NA)	(X)	4 312.9	(NA)	(X)	3 773.3
20951 11	Whole bean..... mil lb..	39		184.0	31	(S)	250.5
20951 15	Ground, including extended yield..... do..	65		1 632.0	(NA)	(D)	(D)
20951 21	Ground coffee mixtures (with grain, chicory, etc.)..... do..	6		10.7	9	15.4	28.5
20951 00	Roasted coffee, n.s.k.	(NA)	(X)	10.2	(NA)	(X)	(D)
20952 --	Concentrated coffee	(NA)	(X)	1 052.1	(NA)	(X)	1 250.2
20952 11	Freeze dried..... do..	10					
20952 14	Spray dried, including agglomerated..... do..	6					
20952 17	Instant coffee mixtures..... do..	2					
20952 19	Other concentrated coffee, including frozen or liquid concentrates and extracts, etc.			142.1	34	217.4	1 250.2
20952 00	Concentrated coffee, n.s.k.	(NA)					
20950 --	Roasted coffee, n.s.k.	(NA)	(X)	101.6	(NA)	(X)	99.1
20950 00	Roasted and concentrated coffee, n.s.k., typically for establishments with 10 employees or more (see note)	(NA)	(X)	53.4	(NA)	(X)	86.3
20950 02	Roasted and concentrated coffee, n.s.k., typically for establishments with less than 10 employees (see note)	(NA)	(X)	48.3	(NA)	(X)	12.8

See footnotes at end of table.

**Table 6b. Product Classes—Value of Shipments by All Producers for Specified States: 1987 and 1982—Con.**

... significant and whose production is geographically dispersed, provided dispersion is not approximated by data in table 2. Statistics for some States are withheld because they are either less than \$2 million in product shipments or they disclose data for individual companies in 1987. For meaning of abbreviations and symbols, see introductory text. For comparability of product classes and product codes between 1982 and 1987 and explanation of terms, see appendixes]

Product class and geographic area	1987 value of product shipments	1982 value of product shipments	Product class and geographic area	1987 value of product shipments	1982 value of product shipments
<b>20999, PERISHABLE PREPARED FOODS SOLD IN BULK OR PACKAGES (NOT FROZEN)—Con.</b>			<b>2099E, SPICES—Con.</b>		
Massachusetts	15.0	(NA)	Illinois	53.7	(NA)
Michigan	18.5	(NA)	Massachusetts	2.1	(NA)
Minnesota	13.1	(NA)	New Jersey	15.3	(NA)
Missouri	3.1	(NA)	New York	16.8	(NA)
Nebraska	8.7	(NA)	Ohio	11.6	(NA)
New Jersey	49.3	(NA)	Texas	20.4	(NA)
New Mexico	6.1	(NA)	Wisconsin	34.4	(NA)
New York	108.2	(NA)	<b>2099F, PEANUT BUTTER</b>		
North Carolina	25.6	(NA)	United States	847.7	796.7
Ohio	57.3	(NA)	California	66.2	(NA)
Oregon	4.4	(NA)	Georgia	153.4	(NA)
Pennsylvania	40.7	(NA)	<b>2099G, OTHER FOOD PREPARATIONS, N.E.C.</b>		
Tennessee	60.1	(NA)	United States	1 300.4	1 220.6
Texas	152.4	(NA)	California	155.0	(NA)
Utah	17.6	(NA)	Florida	17.5	(NA)
Washington	11.7	(NA)	Hawaii	5.8	(NA)
Wisconsin	74.6	(NA)	Illinois	96.0	(NA)
<b>2099D, TEA IN CONSUMER PACKAGES</b>			Indiana	175.4	(NA)
United States	936.3	747.6	Iowa	142.3	(NA)
New Jersey	55.3	(NA)	Kansas	11.9	(NA)
New York	100.3	(NA)	Louisiana	12.9	(NA)
<b>2099E, SPICES</b>			Minnesota	133.1	(NA)
United States	688.8	585.9	Nebraska	23.5	(NA)
California	155.8	(NA)	New Jersey	28.4	(NA)
Florida	30.9	(NA)	New York	93.3	(NA)
			Ohio	23.0	(NA)
			Pennsylvania	64.8	(NA)
			Texas	16.0	(NA)
			Washington	12.8	(NA)

**Table 6c. Historical Statistics for Product Classes—Value Shipped by All Producers: 1987 and Earlier Years**

(Million dollars. For meaning of abbreviations and symbols, see introductory text. For comparability of product classes and product codes between 1982 and 1987 and explanation of terms, see appendixes]

1987 product code	Product class	1987	1986 <sup>1</sup>	1985 <sup>1</sup>	1984 <sup>1</sup>	1983 <sup>1</sup>	1982	1977	1972
2091-20910	Canned and cured fish and other seafoods	862.2	840.1	869.1	1 152.5	1 256.7	1 267.1	1 025.5	587.8
	Canned and cured fish and other seafoods, including soup (except frozen seafoods and soup)	862.2	840.1	869.1	1 152.5	1 256.7	1 267.1	1 025.5	587.8
2092-20922	Fresh or frozen prepared fish and other seafood	5 072.7	3 994.2	3 614.8	3 483.4	3 665.0	3 714.0	2 459.2	1 016.6
20923	Prepared fresh fish and other seafood	790.0	623.0	539.2	482.4	569.3	578.3	460.5	135.2
20925	Frozen fish, excluding surimi	2 035.8	1 341.3	1 241.6	1 029.0	1 040.2	1 033.9	744.4	314.7
20926	Frozen shellfish, excluding surimi	1 321.1	(NA)	(NA)	(NA)	(NA)	304.2	(NA)	(NA)
20926	Other frozen seafoods	196.5	(NA)	(NA)	(NA)	(NA)	90.3	(NA)	(NA)
20920	Prepared fresh or frozen fish and other seafood, n.s.k.	729.3	669.2	540.0	647.2	650.0	734.3	363.8	151.1
2095	Roasted coffee	5 466.6	6 554.0	5 868.7	5 632.7	5 117.4	5 122.7	5 217.8	2 163.4
20951	Roasted coffee, whole bean or ground	4 312.9	4 987.9	4 385.8	4 152.0	3 777.6	3 773.3	3 674.5	1 517.7
20952	Concentrated coffee	1 052.1	1 377.6	1 307.6	1 300.3	1 246.0	1 250.2	1 387.8	598.6
20950	Roasted coffee, n.s.k.	101.6	188.5	173.3	180.4	93.8	99.1	155.5	46.9
2096	Potato chips and similar products	5 005.8	4 617.7	4 480.8	3 895.0	3 536.7	3 321.7	1 797.4	1 042.1
20961	Potato chips and sticks, plain and flavored	2 401.0	(NA)	(NA)	(NA)	(NA)	1 545.4	962.2	624.0
20962	Corn chips and related products	1 864.1	(NA)	(NA)	(NA)	(NA)	1 037.1	655.2	283.6
20963	Other chips, sticks, etc.	559.1	(NA)	(NA)	(NA)	(NA)	598.0	147.0	111.5
20960	Potato chips and similar products, n.s.k.	181.5	(NA)	(NA)	(NA)	(NA)	91.3	33.0	23.0
2097-20970	Manufactured ice	282.6	239.1	242.6	232.6	253.2	227.4	140.6	105.7
	Manufactured ice	282.6	239.1	242.6	232.6	253.2	227.4	140.6	105.7
2098-20980	Macaroni and spaghetti	974.4	1 507.1	1 366.5	1 277.2	1 294.4	1 192.8	751.7	355.2
	Macaroni, spaghetti, and egg noodle products, except canned (not packaged with other ingredients)	974.4	1 507.1	1 366.5	1 277.2	1 294.4	1 192.8	751.7	355.2
2099-20999	Food preparations, n.e.c.	10 670.7	(NA)	(NA)	(NA)	(NA)	8 159.7	(NA)	(NA)
20991	Desserts (ready-to-mix)	664.0	576.3	567.5	585.8	454.3	401.6	412.9	267.2
20993	Sweetening syrups and molasses	399.3	484.7	475.2	415.6	393.5	360.9	296.6	167.3
20994	Baking powder and yeast	339.3	351.9	321.5	330.1	286.5	273.2	170.2	82.6
20996	Vinegar and cider	164.7	209.4	207.9	207.9	201.9	187.8	122.8	80.6
20997	Dry mix preparations	2 257.8	(NA)	(NA)	(NA)	(NA)	1 213.3	(NA)	(NA)
20999	Perishable prepared foods sold in bulk or packages (not frozen)	1 347.3	(NA)	(NA)	(NA)	(NA)	769.1	515.5	353.5
2099D	Tea in consumer packages	936.3	(NA)	(NA)	(NA)	(NA)	747.6	(NA)	(NA)
2099E	Spices	688.8	(NA)	(NA)	(NA)	(NA)	585.9	450.3	345.4
2099F	Peanut butter	847.7	(NA)	(NA)	(NA)	(NA)	796.7	429.7	250.4
2099G	Other food preparations, n.e.c.	1 300.4	(NA)	(NA)	(NA)	(NA)	1 220.6	(NA)	(NA)
20990	Food preparations, n.e.c., n.s.k.	1 525.2	(NA)	(NA)	(NA)	(NA)	1 603.0	(NA)	(NA)

<sup>1</sup>Figures are estimates derived from a representative sample of manufacturing establishments. Standard errors associated with estimates are published in annual survey of manufactures publications for this period.