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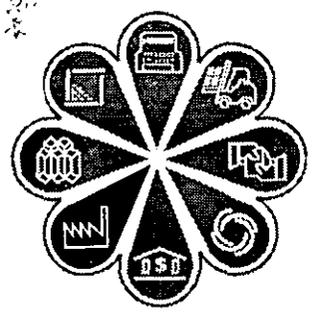
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PRELIMINARY REPORT INDUSTRY SERIES

1992 Census of Manufactures

MC92-I-20I(P)
Issued August 1994

MISCELLANEOUS FOOD AND KINDRED PRODUCTS

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

INTRODUCTION

This report presents preliminary statistics from the 1992 Census of Manufactures for those establishments classified in the industries listed above. These data will be superseded by a more comprehensive final Industry Series report. Information on the scope and coverage of this census, as well as an explanation of terms used, is presented in appendix A.

All dollar figures included in this report are on a current-year price basis and, therefore, are unadjusted for inflation. Data users should take this into consideration when making comparisons with prior-year data.

The preliminary data for 1992 shown in this report are not strictly comparable to the data published in the 1991 Annual Survey of Manufactures (ASM). A gradual loss of coverage in the ASM between economic censuses, as well as coverage improvements in the 1992 census, may result in an overstatement of the 1991-92 change.

The definitions of these industries are the same as those used in the 1987 *Standard Industrial Classification (SIC) Manual*.¹

INDUSTRY 2091, CANNED AND CURED FISH AND SEAFOODS

In the 1992 Census of Manufactures, Industry 2091, Canned and Cured Fish and Seafoods, had employment of 6.2 thousand. The employment figure was 7 percent below the 6.7 thousand reported in 1987. Compared with 1991, employment in 1992 decreased 10 percent. The 1991 data

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

are based on the Census Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses.

The total value of shipments for establishments classified in this industry was \$864.1 million.

In 1992, establishments in this industry accounted for 71 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1987, the coverage ratio was 76 percent. The products primary to this industry, regardless of the industry in which they were produced, appear in table 2 and aggregated to \$1.0 billion in 1992.

The cost of materials, fuels, electricity, and services used by establishments classified in this industry amounted to \$539.1 million in 1992. Data on specific materials consumed appear in table 3.

Single-establishment companies in this industry with less than 5 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 20 percent of the total value of shipments.

INDUSTRY 2092, FRESH OR FROZEN PREPARED FISH

In the 1992 Census of Manufactures, Industry 2092, Fresh or Frozen Prepared Fish, had employment of 40.6 thousand. The employment figure was 6 percent above the 38.2 thousand reported in 1987.

The total value of shipments for establishments classified in this industry was \$6.8 billion.

Address inquiries to Bureau of the Census, Industry Division, Washington, DC 20233, or call Stephen Pope 301-763-5911.



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Economics and Statistics Administration
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In 1992, establishments in this industry accounted for 98 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1987, the coverage ratio was 97 percent. The products primary to this industry, regardless of the industry in which they were produced, appear in table 2 and aggregated to \$6.3 billion in 1992.

The cost of materials, fuels, electricity, and services used by establishments classified in this industry amounted to \$4.5 billion in 1992. Data on specific materials consumed appear in table 3.

Single-establishment companies in this industry with less than 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 the total value of shipments.

INDUSTRY 2095, ROASTED COFFEE

In the 1992 Census of Manufactures, Industry 2095, Roasted Coffee, had employment of 10.5 thousand. The employment figure was 2 percent below the 10.7 thousand reported in 1987.

The total value of shipments for establishments classified in this industry was \$5.3 billion.

In 1992, establishments in this industry accounted for 99 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1987, the coverage ratio also was 99 percent. The products primary to this industry, regardless of the industry in which they were produced, appear in table 2 and aggregated to \$4.7 billion in 1992.

The cost of materials, fuels, electricity, and services used by establishments classified in this industry amounted to \$2.6 billion in 1992. Data on specific materials consumed appear in table 3.

Single-establishment companies in this industry with less than 15 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 the total value of shipments.

INDUSTRY 2096, POTATO CHIPS AND SIMILAR SNACKS

In the 1992 Census of Manufactures, Industry 2096, Potato Chips and Similar Snacks, had employment of 35.6 thousand. The employment figure was 8 percent above the 33.1 thousand reported in 1987. Compared with 1991,

employment in 1992 increased 5 percent. The 1991 data are based on the Census Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses.

The total value of shipments for establishments classified in this industry was \$7.3 billion.

In 1992, establishments in this industry accounted for 93 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1987, the coverage ratio was 94 percent. The products primary to this industry, regardless of the industry in which they were produced, appear in table 2 and aggregated to \$7.4 billion in 1992.

The cost of materials, fuels, electricity, and services used by establishments classified in this industry amounted to \$3.0 billion in 1992. Data on specific materials consumed appear in table 3.

Single-establishment companies in this industry with less than 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 5 percent of the total value of shipments.

INDUSTRY 2097, MANUFACTURED ICE

In the 1992 Census of Manufactures, Industry 2097, Manufactured Ice, had employment of 4.8 thousand. The employment figure was 2 percent above the 4.7 thousand reported in 1987. Compared with 1991, employment in 1992 increased 17 percent. The 1991 data are based on the Census Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses.

The total value of shipments for establishments classified in this industry was \$360.6 million.

In 1992, establishments in this industry accounted for 99 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1987, the coverage ratio was 98 percent. The products primary to this industry, regardless of the industry in which they were produced, appear in table 2 and aggregated to \$348.5 million in 1992.

The cost of materials, fuels, electricity, and services used by establishments classified in this industry amounted to \$106.4 million in 1992. Data on specific materials consumed appear in table 3.

Single-establishment companies in this industry with less than 5 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 23 percent of the total value of shipments.

INDUSTRY 2098, MACARONI AND SPAGHETTI

In the 1992 Census of Manufactures, Industry 2098, Macaroni and Spaghetti, had employment of 6.1 thousand. The employment figure was 8 percent below the 6.6 thousand reported in 1987.

The total value of shipments for establishments classified in this industry was \$1.4 billion.

In 1992, establishments in this industry accounted for 99 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1987, the coverage ratio also was 99 percent. The products primary to this industry, regardless of the industry in which they were produced, appear in table 2 and aggregated to \$1.3 billion in 1992.

The cost of materials, fuels, electricity, and services used by establishments classified in this industry amounted to \$628.2 million in 1992. Data on specific materials consumed appear in table 3.

Single-establishment companies in this industry with less than 5 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 5 percent of the total value of shipments.

INDUSTRY 2099, FOOD PREPARATIONS, N.E.C.

In the 1992 Census of Manufactures, Industry 2099, Food Preparations, N.E.C., had employment of 62.8 thousand. The employment figure was 8 percent above the 58.0 thousand reported in 1987. Compared with 1991, employment in 1992 increased 15 percent. The 1991 data are based on the Census Bureau's annual survey of manufactures (ASM), which is a sample survey conducted each year between censuses.

The total value of shipments for establishments classified in this industry was \$12.3 billion.

In 1992, establishments in this industry accounted for 82 percent of products considered primary to the industry regardless of the industry in which they were produced (coverage ratio). In 1987, the coverage ratio was 80 percent. The products primary to this industry, regardless of the industry in which they were produced, appear in table 2 and aggregated to \$13.4 billion in 1992.

The cost of materials, fuels, electricity, and services used by establishments classified in this industry amounted to \$6.0 billion in 1992. Data on specific materials consumed appear in table 3.

Single-establishment companies in this industry with less than 5 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 17 percent of the total value of shipments.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in the tables in this publication:

| | |
|--------|--|
| - | Represents zero. |
| (D) | Withheld to avoid disclosing data for individual companies; data are included in higher level totals. |
| (NA) | Not available. |
| (NC) | Not comparable. |
| (S) | Withheld because estimate did not meet publication standards on the basis of either the response rate or a consistency review. |
| (X) | Not applicable. |
| (Z) | Less than half the unit shown. |
| n.e.c. | Not elsewhere classified. |
| n.s.k. | Not specified by kind. |
| pt. | Part. |
| r | Revised. |
| SIC | Standard industrial classification. |

Other abbreviations, such as lb, gal, yd, doz, bbl, and s tons, are used in the customary sense.

CONTACTS FOR DATA USERS

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| Census, ASM, and CIR | | |
| SIC's 20-23, 3021, 31 | Judy Dodds | 301-763-5911 |
| SIC's 24-30 (exc. 3021), 32 | Michael Zampogna | 301-763-2510 |
| SIC's 33-35 (exc. 357) | Kenneth Hansen | 301-763-7304 |
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| Import/export publications | Foreign Trade Division | 301-763-5140 |
| Industry analysis and forecasting | International Trade Administration | 202-482-4356 |

Table 1. Historical Statistics for the Industry: 1992 and Earlier Years—Con.

[Excludes data for auxiliaries. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see appendixes]

| Year ¹ | All establishments ² | | | All employees | | Production workers | | | Value added by manufacture ⁴ (million dollars) | Cost of materials (million dollars) | Value of shipments (million dollars) | New capital expenditures (million dollars) | End-of-year inventories ⁴ (million dollars) | Ratios | |
|---|---------------------------------|-------------|---------------------------------|----------------|---------------------------|--------------------|------------------|-------------------------|---|-------------------------------------|--------------------------------------|--|--|--------------------------|--------------------|
| | Companies ² (no.) | Total (no.) | With 20 employees or more (no.) | Number (1,000) | Payroll (million dollars) | Number (1,000) | Hours (millions) | Wages (million dollars) | | | | | | Specialization (percent) | Coverage (percent) |
| INDUSTRY 2098, MACARONI AND SPAGHETTI | | | | | | | | | | | | | | | |
| 1992 Census | 183 | 200 | 41 | 6.1 | 161.0 | 4.6 | 10.3 | 107.4 | 764.7 | 628.2 | 1 386.5 | 74.9 | 97.0 | 94 | 99 |
| 1991 ASM | (NA) | (NA) | (NA) | 6.4 | 149.2 | 4.9 | 10.3 | 103.9 | 749.3 | 527.0 | 1 278.8 | 96.5 | 88.7 | (NA) | (NA) |
| 1990 ASM | (NA) | (NA) | (NA) | 6.2 | 142.4 | 4.6 | 10.0 | 100.7 | 728.7 | 507.8 | 1 229.8 | 46.8 | 81.5 | (NA) | (NA) |
| 1989 ASM | (NA) | (NA) | (NA) | 6.0 | 132.0 | 4.6 | 9.7 | 92.2 | 642.3 | 512.6 | 1 154.0 | 44.5 | 73.8 | (NA) | (NA) |
| 1988 ASM | (NA) | (NA) | (NA) | 6.3 | 135.1 | 4.8 | 9.6 | 91.8 | 639.0 | 480.1 | 1 118.5 | 35.5 | 72.9 | (NA) | (NA) |
| 1987 Census | 196 | 218 | 46 | 6.6 | 140.0 | 5.0 | 9.8 | 90.8 | 614.0 | 435.1 | 1 048.1 | 32.2 | 77.5 | 96 | 99 |
| INDUSTRY 2099, FOOD PREPARATIONS, N.E.C. | | | | | | | | | | | | | | | |
| 1992 Census | 1 777 | 1 922 | 631 | 62.8 | 1 446.5 | 45.0 | 88.7 | 821.6 | 6 335.3 | 5 955.6 | 12 283.8 | 343.3 | 1 165.3 | 94 | 82 |
| 1991 ASM | (NA) | (NA) | (NA) | 54.7 | 1 193.2 | 37.5 | 74.9 | 678.1 | 5 665.7 | 5 728.7 | 11 322.4 | 296.0 | 1 096.0 | (NA) | (NA) |
| 1990 ASM | (NA) | (NA) | (NA) | 55.7 | 1 180.0 | 38.1 | 78.1 | 658.7 | 5 458.3 | 5 590.8 | 11 047.6 | 251.7 | 1 001.4 | (NA) | (NA) |
| 1989 ASM | (NA) | (NA) | (NA) | 55.9 | 1 085.8 | 39.4 | 75.7 | 630.3 | 5 049.2 | 5 077.4 | 10 083.6 | 202.9 | 883.3 | (NA) | (NA) |
| 1988 ASM | (NA) | (NA) | (NA) | 57.0 | 1 129.6 | 40.3 | 73.9 | 648.6 | 5 333.8 | 4 832.5 | 10 166.9 | 204.5 | 866.1 | (NA) | (NA) |
| 1987 Census | 1 510 | 1 658 | 633 | 58.0 | 1 109.8 | 40.8 | 77.5 | 651.5 | 5 126.4 | 4 702.6 | 9 787.3 | 247.5 | 868.7 | 91 | 80 |

Note: Comparisons between the 1991 Annual Survey of Manufactures (ASM) and the 1992 Census of Manufactures should be made with caution. A gradual loss of coverage in the ASM between economic censuses, as well as coverage improvements in the 1992 census, may result in an overstatement of the 1991-92 change.

¹In annual survey of manufactures (ASM) years, data are estimates based on a representative sample of establishments canvassed annually and may differ from results of a complete canvass of all establishments. ASM publication shows percentage standard errors. Unless otherwise noted, for data prior to 1977, see 1977 Census of Manufactures, vol. II, table 1 of the industry chapter.

²For the Census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Beginning in 1982, all respondents were requested to report their inventories at cost or market prior to adjustment to LIFO cost. This is a change from prior years when respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for inventories and value added by manufacture are not comparable to prior-year data.

Table 2. Product and Product Classes—Quantity and Value of Shipments by All Producers: 1992 and 1987

[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 appendixes. For meaning of abbreviations and symbols, see introductory text.]

| Product code | Product | 1992 | | | | 1987 | | | |
|--------------|--|---|--------------------------------|-------------------------|---|--------------------------------|-------------------------|--|--|
| | | Number of companies with shipments of \$100,000 or more | Product shipments ¹ | | Number of companies with shipments of \$100,000 or more | Product shipments ¹ | | | |
| | | | Quantity ² | Value (million dollars) | | Quantity ² | Value (million dollars) | | |
| 2091 | CANNED AND CURED FISH AND SEAFOODS | | | | | | | | |
| | Total | (NA) | (X) | 1 034.4 | (NA) | (X) | 862.2 | | |
| 20910 | Canned and cured fish and other seafoods, including soup (except frozen seafoods and soup) ³ | (NA) | (X) | 1 034.4 | (NA) | (X) | 862.2 | | |
| | Canned fish and other seafood (except soups, stews, and chowders): | | | | | | | | |
| 20910 12 | Tuna | 3 | (D) | (D) | 1 | (D) | (D) | | |
| 20910 13 | Salmon | 14 | 147.2 | 312.3 | 18 | 96.1 | 207.8 | | |
| 20910 14 | Sardines | 6 | 29.1 | 39.3 | 7 | (D) | (D) | | |
| 20910 15 | Clams | 9 | *73.6 | 87.6 | 9 | 79.4 | 80.4 | | |
| 20910 16 | Shrimp | 3 | (D) | (D) | 6 | 10.9 | 21.4 | | |
| 20910 19 | Other canned fish and other seafood (including gefilte fish, fish roe, fishcakes, surimi-based products, etc.) | 23 | (X) | 60.6 | 18 | (X) | 62.1 | | |
| 20910 31 | Canned seafood soups, stews, and chowders (clam chowder, oyster stew, turtle soup, etc.) | 13 | 301.9 | 148.9 | 14 | 221.4 | 124.5 | | |
| | Cured seafood: | | | | | | | | |
| 20910 51 | Smoked salmon | 21 | 13.2 | 81.1 | 13 | 7.8 | 56.7 | | |
| 20910 71 | Other smoked fish (herring, whitefish, chub, cisco, etc.) | 18 | (X) | 60.8 | 13 | (X) | 54.4 | | |
| 20910 82 | Salted and pickled fish (including sun-dried) | 8 | 16.2 | 31.3 | 16 | 19.0 | 33.5 | | |
| 20910 89 | Other cured seafood, except fish | 6 | (X) | (D) | 4 | (X) | (D) | | |
| 20910 00 | Canned and cured fish and other seafoods, n.s.k. ⁴ | (NA) | (X) | 34.2 | (NA) | (X) | 29.4 | | |
| 20910 02 | Canned and cured fish and other seafoods, n.s.k. ⁵ | (NA) | (X) | 20.5 | (NA) | (X) | 78.4 | | |
| 2092 | FRESH OR FROZEN PREPARED FISH AND SEAFOODS | | | | | | | | |
| | Total | (NA) | (X) | 6 251.4 | (NA) | (X) | 5 103.7 | | |
| 20922 | Prepared fresh fish and other fresh seafood ³ | (NA) | (X) | 948.7 | (NA) | (X) | 790.0 | | |
| 20922 13 | Prepared fresh fish | 56 | *176.7 | 366.0 | 51 | 176.7 | 383.7 | | |
| | Prepared fresh shellfish: | | | | | | | | |
| | Crab meat: | | | | | | | | |
| 20922 15 | Blue | 39 | (X) | 49.5 | | | | | |
| 20922 17 | Rock | 2 | (X) | (D) | 44 | (X) | 58.5 | | |
| 20922 18 | Snow | 2 | (X) | (D) | | | | | |
| 20922 19 | Other | 9 | (X) | 14.0 | 11 | (X) | 17.3 | | |
| 20922 23 | Shrimp | 19 | 27.3 | 110.6 | 16 | 18.6 | 73.4 | | |
| 20922 24 | Oysters | 28 | (X) | 74.9 | 34 | (X) | 63.6 | | |
| 20922 25 | Clams | 11 | 15.2 | 23.3 | 13 | 28.0 | 37.6 | | |
| 20922 26 | Other prepared fresh shellfish (except surimi and surimi-based products) | 16 | 15.1 | 37.8 | 14 | 20.4 | 80.0 | | |
| 20922 27 | Surimi | 3 | 19.9 | 28.9 | 2 | (D) | (D) | | |

See footnotes at end of table.

Table 2. Product and Product Classes—Quantity and Value of Shipments by All Producers: 1992 and 1987—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 appendixes. For meaning of abbreviations and symbols, see introductory text.]

| Product code | Product | 1992 | | | 1987 | | |
|--------------|--|---|--------------------------------|-------------------------|---|--------------------------------|-------------------------|
| | | Number of companies with shipments of \$100,000 or more | Product shipments ¹ | | Number of companies with shipments of \$100,000 or more | Product shipments ¹ | |
| | | | Quantity ² | Value (million dollars) | | Quantity ² | Value (million dollars) |
| 2096 | POTATO CHIPS AND SIMILAR PRODUCTS—Con. | | | | | | |
| 20963 | Other chips, sticks, etc. | (NA) | (X) | 1 070.4 | (NA) | (X) | 559.1 |
| 20963 00 | Other chips, sticks, etc. (bacon rinds, popcorn except candied, etc.), excluding crackers, pretzels, and nuts mil lb... | 75 | 486.7 | 1 070.4 | 57 | 318.1 | 559.1 |
| 20960 | Potato chips and similar products, n.s.k. | (NA) | (X) | 187.4 | (NA) | (X) | 181.5 |
| 20960 00 | Potato chips and similar products, n.s.k. ⁸ | (NA) | (X) | 130.9 | (NA) | (X) | 100.8 |
| 20960 02 | Potato chips and similar products, n.s.k. ¹⁰ | (NA) | (X) | 56.4 | (NA) | (X) | 80.7 |
| 2097 | MANUFACTURED ICE | | | | | | |
| | Total | (NA) | (X) | 348.5 | (NA) | (X) | 282.7 |
| 20970 | Manufactured ice | (NA) | (X) | 348.5 | (NA) | (X) | 282.7 |
| 20970 11 | Can or block ice 1,000 s tons... | 48 | (S) | 50.0 | 54 | (S) | 29.3 |
| 20970 51 | Cubed, crushed, or other processed ice 1,000 s tons... | 154 | (S) | 188.9 | 152 | (S) | 168.4 |
| 20970 00 | Manufactured ice, n.s.k. ⁴ | (NA) | (X) | 73.8 | (NA) | (X) | 55.5 |
| 20970 02 | Manufactured ice, n.s.k. ⁶ | (NA) | (X) | 35.7 | (NA) | (X) | 29.5 |
| 2098 | MACARONI AND SPAGHETTI | | | | | | |
| | Total | (NA) | (X) | 1 277.9 | (NA) | (X) | 974.4 |
| 20980 | Macaroni, spaghetti, and egg noodle products except canned and frozen, not packaged with other ingredients | (NA) | (X) | 1 277.9 | (NA) | (X) | 974.4 |
| | Macaroni, spaghetti, vermicelli, and other pasta products, except noodles: | | | | | | |
| 20980 01 | Dry (water content less than 14 percent) mil lb... | 34 | 2 027.5 | 896.4 | 38 | 1 558.0 | 758.1 |
| 20980 03 | Refrigerated mil lb... | 5 | (D) | (D) | | | |
| | Noodle products of all shapes, sizes, and types, except chinese noodles: | | | | | | |
| 20980 04 | Dry (water content less than 14 percent) mil lb... | 15 | **260.3 | 185.7 | 22 | 275.9 | 144.7 |
| 20980 05 | Wet (water content 14 percent or more), except refrigerated mil lb... | 2 | (D) | (D) | | | |
| 20980 06 | Refrigerated mil lb... | 2 | (D) | (D) | | | |
| 20980 00 | Macaroni and spaghetti, n.s.k. ⁴ | (NA) | (X) | 40.6 | (NA) | (X) | 11.3 |
| 20980 02 | Macaroni and spaghetti, n.s.k. ⁶ | (NA) | (X) | 38.6 | (NA) | (X) | 60.3 |
| 2099 | FOOD PREPARATIONS, N.E.C. | | | | | | |
| | Total | (NA) | (X) | 13 437.7 | (NA) | (X) | 10 670.7 |
| 20991 | Desserts (ready-to-mix) | (NA) | (X) | 485.2 | (NA) | (X) | 664.0 |
| | Cornstarch base: | | | | | | |
| 20991 13 | Consumer sizes (less than 1 lb) mil lb... | 8 | 148.8 | 181.9 | 8 | *194.0 | 251.2 |
| 20991 15 | Commercial sizes (1 lb or more) mil lb... | 5 | 28.3 | 28.3 | 10 | 21.6 | 17.6 |
| | Gelatin base: | | | | | | |
| 20991 53 | Consumer sizes (less than 1 lb) mil lb... | 11 | 228.9 | 199.9 | 12 | *260.6 | 258.4 |
| 20991 55 | Commercial sizes (1 lb or more) mil lb... | 9 | *6.1 | 6.7 | 10 | *12.6 | 15.5 |
| 20991 59 | Other base mil lb... | 6 | *36.4 | 43.2 | 7 | *38.0 | 40.8 |
| 20991 00 | Desserts (ready-to-mix), n.s.k. | (NA) | (X) | 25.2 | (NA) | (X) | 80.5 |
| 20993 | Sweetening syrups and molasses | (NA) | (X) | 531.5 | (NA) | (X) | 399.3 |
| 20993 25 | Containing corn syrup mil lb... | 42 | *843.2 | 444.3 | 49 | 611.9 | 338.6 |
| 20993 27 | Not containing corn syrup mil lb... | 15 | 116.9 | 57.0 | 20 | *72.4 | 39.2 |
| 20993 00 | Sweetening syrups and molasses, n.s.k. | (NA) | (X) | 30.2 | (NA) | (X) | 21.5 |
| 20994 | Baking powder and yeast | (NA) | (X) | 291.5 | (NA) | (X) | 339.3 |
| 20994 13 | Baking powder mil lb... | 6 | 41.8 | 60.8 | 8 | (S) | 71.4 |
| 20994 23 | Compressed yeast mil lb... | 5 | 431.8 | 185.4 | 5 | 593.6 | 205.8 |
| 20994 34 | Active dry yeast mil lb (dry basis)... | 4 | (D) | (D) | | | |
| 20994 55 | Other yeast products (brewers', primary grown yeast, including torule, extracts, and other yeast products) mil lb (dry basis)... | 10 | 129.7 | 29.9 | (NA) | (S) | 55.6 |
| 20994 00 | Baking powder and yeast, n.s.k. | (NA) | (X) | (D) | (NA) | (X) | 6.5 |
| 20996 | Vinegar and cider | (NA) | (X) | 242.6 | (NA) | (X) | 164.7 |
| 20996 11 | Cider mil gal... | 10 | 23.2 | 48.5 | 14 | 14.2 | 26.3 |
| 20996 51 | Vinegar, fermented (basis equivalent to 40 grain) mil gal... | 12 | 53.5 | 41.5 | 11 | 33.4 | 24.7 |
| 20996 57 | Vinegar, distilled (basis equivalent to 100 grain) mil gal... | 21 | *173.8 | 140.2 | 26 | 153.6 | 100.8 |
| 20996 00 | Vinegar and cider, n.s.k. | (NA) | (X) | 12.4 | (NA) | (X) | 12.9 |
| 20999 | Perishable prepared foods sold in bulk or packages, not frozen or canned | (NA) | (X) | 2 109.9 | (NA) | (X) | 1 347.3 |
| 20999 21 | Salads mil gal... | 70 | (X) | 508.3 | 70 | (X) | 359.1 |
| 20999 31 | Sandwiches, made from bread mil gal... | 40 | (X) | 130.0 | 40 | (X) | 102.4 |
| 20999 35 | Vegetables and potatoes, peeled or cut for the trade | 19 | (X) | 118.9 | 21 | (X) | 78.1 |
| 20999 43 | Tortillas mil gal... | 103 | (X) | 636.7 | 119 | (X) | 505.1 |
| 20999 45 | Tamales and other Mexican food specialties | 45 | (X) | 249.5 | | | |
| 20999 53 | Prepared meals, including meat and poultry pies | 20 | (X) | 95.4 | 11 | (X) | 94.4 |
| 20999 55 | Tofu (bean curd) mil lb... | 15 | *37.2 | 22.0 | 15 | (S) | 38.0 |
| 20999 58 | Pizza mil lb... | 19 | 38.9 | 110.9 | 57 | (X) | 141.4 |
| 20999 59 | Other perishable prepared foods | 60 | (X) | 159.4 | | | |
| 20999 00 | Perishable prepared foods sold in bulk or packages, not frozen or canned, n.s.k. | (NA) | (X) | 79.0 | (NA) | (X) | 28.8 |

See footnotes at end of table.

Table 3. Materials Consumed by Kind: 1992 and 1987—Con.

(Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. For further explanation, see Cost of Materials in appendixes. For meaning of abbreviations and symbols, see introductory text.)

| Material code | Material | 1992 | | 1987 | |
|--|---|-----------------------|----------------------------------|-----------------------|----------------------------------|
| | | Quantity ¹ | Delivered cost (million dollars) | Quantity ¹ | Delivered cost (million dollars) |
| INDUSTRY 2096, POTATO CHIPS AND SIMILAR SNACKS—Con. | | | | | |
| 267101 | Packaging paper and plastics film, coated and laminated..... | (X) | 377.5 | (X) | (*) |
| 267301 | Bags; plastics, foil, and coated paper..... | (X) | 52.8 | (X) | (*) |
| 267401 | Bags; uncoated paper and multiwall..... | (X) | (D) | (X) | (*) |
| 322101 | Glass containers..... | (X) | 2 | (X) | (*) |
| 341101 | Metal cans, can lids and ends..... | (X) | 33.9 | (X) | (*) |
| 970099 | All other materials and components, parts, containers, and supplies..... | (X) | 397.5 | (X) | *651.6 |
| 971000 | Materials, ingredients, containers, and supplies, n.s.k. ⁵ | (X) | 111.3 | (X) | *119.1 |
| INDUSTRY 2097, MANUFACTURED ICE | | | | | |
| (Material data were not collected for this industry.) | | | | | |
| INDUSTRY 2098, MACARONI AND SPAGHETTI | | | | | |
| Materials, ingredients, containers, and supplies..... | | | | | |
| | | (X) | 570.1 | (X) | 388.1 |
| Wheat flour: | | | | | |
| 204115 | Semolina and durum flour..... 1,000 cwt.. | 18 205.2 | 286.9 | *15 310.0 | 186.2 |
| 204119 | Other wheat flour (including farina)..... 1,000 cwt.. | **458.1 | 5.2 | 1 619.8 | 13.2 |
| 267101 | Packaging paper and plastics film, coated and laminated..... | (X) | 31.4 | (X) | (10) |
| 267301 | Bags; plastics, foil, and coated paper..... | (X) | 2.6 | (X) | (10) |
| 322101 | Glass containers..... | (X) | (1) ¹¹ | (X) | (10) |
| 265001 | Paperboard containers, boxes, and corrugated paperboard..... | (X) | 75.9 | (X) | 72.1 |
| 970099 | All other materials and components, parts, containers, and supplies..... | (X) | **139.7 | (X) | *657.9 |
| 971000 | Materials, ingredients, containers, and supplies, n.s.k. ⁶ | (X) | 28.5 | (X) | 58.7 |
| INDUSTRY 2099, FOOD PREPARATIONS, N.E.C. | | | | | |
| Materials, ingredients, containers, and supplies..... | | | | | |
| | | (X) | 5 345.7 | (X) | 4 268.2 |
| 013923 | Shelled peanuts..... mil lb.. | 635.6 | 449.4 | 477.8 | 294.8 |
| 190041 | Sweetcorn, fresh or frozen..... 1,000 s tons.. | (D) | (D) | (S) | 18.5 |
| 013411 | White potatoes..... 1,000 s tons.. | **180.2 | 29.6 | **164.3 | 20.9 |
| 016191 | Other fresh vegetables..... 1,000 s tons.. | **426.2 | 134.2 | (S) | 54.3 |
| 203417 | Dried vegetables, except potatoes and corn..... 1,000 s tons.. | *89.9 | 84.0 | 80.1 | 61.5 |
| 011891 | Popcorn, whole grain..... mil lb.. | 476.9 | 76.3 | (NA) | (12) |
| 011503 | Field corn, whole grain..... mil lb.. | (S) | 24.0 | (NA) | (12) |
| 204130 | Corn grts, meal, and flakes..... 1,000 cwt.. | (S) | 63.8 | (NA) | (12) |
| 204136 | Corn flour..... 1,000 cwt.. | **149.3 | 29.0 | (NA) | (12) |
| 204110 | Wheat flour..... 1,000 cwt.. | *7 440.1 | 150.4 | *6 593.5 | 84.6 |
| 013901 | Spices, raw..... mil lb.. | *386.5 | 416.3 | (NA) | (12) |
| 017921 | Green coffee..... 1,000 cwt.. | (D) | (D) | (D) | (D) |
| 017931 | Flaw tea..... mil lb.. | 133.2 | 119.7 | 135.7 | 103.0 |
| 204602 | Corn syrup..... mil lb.. | 199.8 | 22.4 | (S) | 18.7 |
| 206011 | Sugar, cane and beet (in terms of sugar solids)..... 1,000 s tons.. | 392.1 | 197.7 | 339.6 | 142.9 |
| 206601 | Chocolate (compounds, cocoa, chocolate liquor, coatings, chocolate flavoring, etc.)..... mil lb.. | 26.4 | 18.1 | (D) | (D) |
| 207006 | Fats and oils, all types (purchased as such)..... mil lb.. | *210.4 | 100.8 | 157.5 | 53.2 |
| 265001 | Paperboard containers, boxes, and corrugated paperboard..... | (X) | 292.6 | (X) | 238.4 |
| 267101 | Packaging paper and plastics film, coated and laminated..... | (X) | 147.7 | (X) | (12) |
| 267301 | Bags; plastics, foil, and coated paper..... | (X) | 52.7 | (X) | (12) |
| 267401 | Bags; uncoated paper and multiwall..... | (X) | 14.8 | (X) | (12) |
| 322101 | Glass containers..... | (X) | 65.7 | (X) | 92.6 |
| 341101 | Metal cans, can lids and ends..... | (X) | 32.6 | (X) | 34.0 |
| 970099 | All other materials and components, parts, containers, and supplies..... | (X) | 1 899.5 | (X) | *1 849.1 |
| 971000 | Materials, ingredients, containers, and supplies, n.s.k. ⁸ | (X) | 898.9 | (X) | 872.3 |

¹For some establishments, data have been estimated from central unit values which are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: *10 to 19 percent estimated; **20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by (S).

²For 1987, data for material codes 091210, 091212, 091214, 091215, and 091216 were included with material code 091217.

³For 1987, data for material codes 091313 and 091314 were included with material code 091316.

⁴For 1987, data for material codes 209221, 209231, 265001, 267101, and 341101 were included with material code 970099.

⁵Total cost of materials of establishments that did not report detailed materials data, including establishments that were not mailed a form.

⁶For 1987, data for material code 091214 were included with material code 091217.

⁷For 1987, data for material codes 265001, 267101, and 341101 were included with material code 970099.

⁸For 1987, data for material codes 267301, 308841, and 341101 were included with material code 970099.

⁹For 1987, data were included with Material Code 970099, All Other Materials and Components, Parts, Containers, and Supplies.

¹⁰For 1987, data were included with Material Code 970099, All Other Materials and Components, Parts, Containers, and Supplies.

¹¹For 1992, data for material code 322101 are included with material code 970099 to avoid disclosing data for individual companies.

¹²For 1987, data were included with Material Code 970099, All Other Materials and Components, Parts, Containers, and Supplies.