

# ASMA

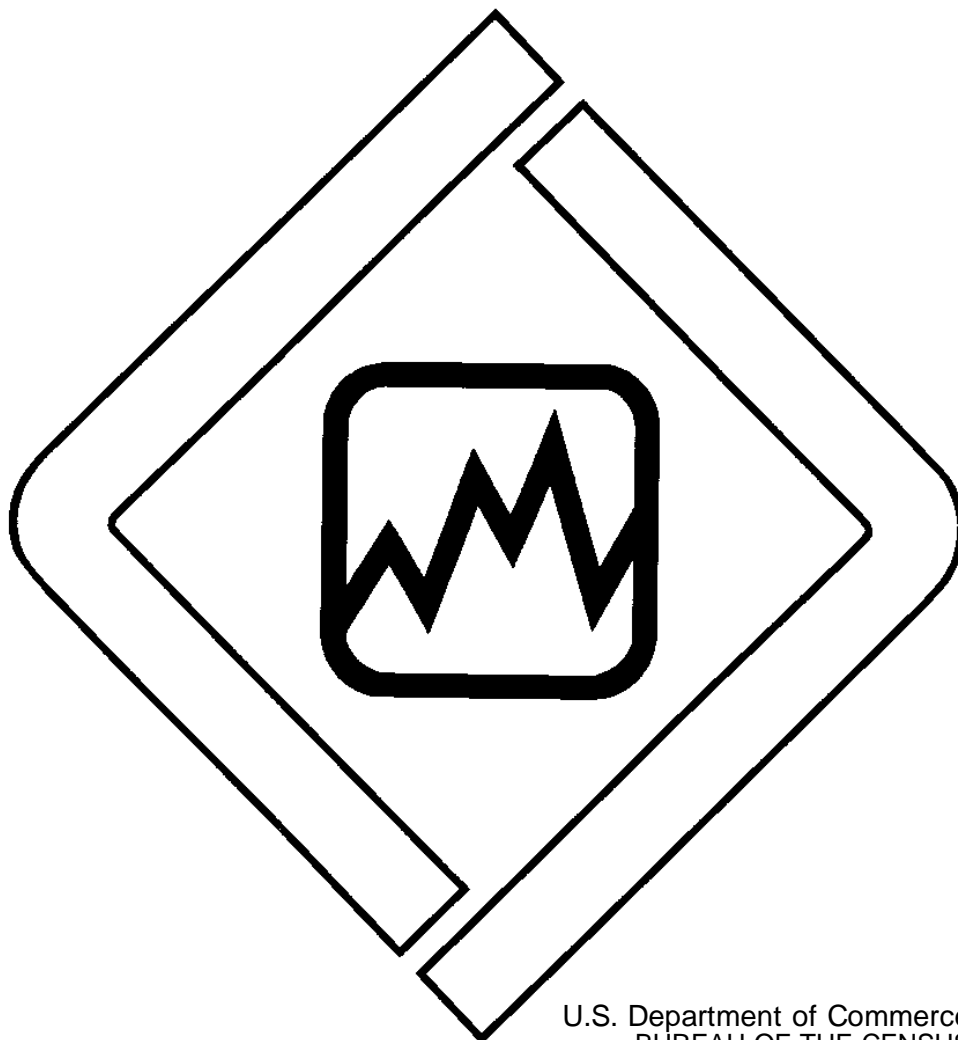
## 1993 Annual Survey of Manufactures

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M93(AS)-1

# Statistics for Industry Groups and Industries

(Including Capital Expenditures, Inventories, and  
Supplemental Labor, Fuel, and Electric Energy Costs)



U.S. Department of Commerce  
BUREAU OF THE CENSUS



1993 Annual Survey of Manufactures

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**U.S. Department of Commerce**  
**Ronald H. Brown**, Secretary  
**David J. Barram**, Deputy Secretary

**Economics and Statistics Administration**  
**Everett M. Ehrlich**, Under Secretary  
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**BUREAU OF THE CENSUS**  
**Martha Farnsworth Riche**, Director

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# Introduction

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## GENERAL

This report presents manufacturing establishments statistics for industry groups and industries from the 1993 Annual Survey of Manufactures (ASM).

The estimates for 1993 are based on reports from a representative sample of about 55,000 manufacturing establishments. The tables provide 1993 and 1992 data on employment, hours, payrolls, value added by manufacture, capital expenditures, cost of materials, inventories, value of industry shipments, and fuels and electric energy consumed for most manufacturing industries. Establishments are classified in manufacturing industries by industry definitions described in the 1987 edition of the Standard Industrial Classification (SIC) Manual published by the Office of Management and Budget.<sup>1</sup>

## SCOPE AND USE OF ANNUAL SURVEY

The 1993 ASM is the 36th survey of this type conducted by the Bureau of the Census to provide the key measures of manufacturing activity for industry groups and important industries for intercensal years. These key measures, as well as other detailed statistics for manufacturing, were collected in the censuses of manufactures; the three most recent censuses covered the years 1982, 1987, and 1992. An annual survey was conducted for each of the years between censuses starting with 1949.

During intercensal periods, these annual surveys provide a continuous series of basic statistics for industries and furnish benchmarks for current business indicators and for measures of industrial production and productivity. The survey also provides significant data in connection with planning for industrial mobilization.

## DESCRIPTION OF SURVEY SAMPLE

The statistics presented are estimates compiled for a survey which is composed of two components. The mail portion of the survey is a probability sample of about 55,000 manufacturing establishments selected from a total of about 200,000 establishments. These 200,000 establishments represent all manufacturing establishments of multiunit companies and all single-establishment manufacturing companies mailed schedules in the 1987 Census of Manufactures. This mail portion is supplemented annually

by a Social Security Administration list of new single-establishment manufacturing companies opened after 1987 and a list of new manufacturing establishments of multies-establishment companies identified from the Census Bureau's Company Organization Survey.

The 1989 through 1993 ASM sample is similar to the previous sample. For the current panel, all establishments of companies with 1987 shipments in manufacturing in excess of \$500 million were included in the survey panel with certainty. There are approximately 575 such companies collectively accounting for approximately 18,000 establishments.

For the remaining portion of the mail survey, the establishment was defined as the sampling unit. For this portion, all establishments with 250 employees or more and establishments with a large value of shipments also were included in the survey panel with certainty. A total of about 10,000 establishments was selected from this portion of the universe with certainty. Therefore, of the 55,000 manufacturing establishments included in the ASM panel, approximately 28,000 were selected with certainty. These certainty establishments collectively accounted for approximately 80 percent of the total value of shipments in the 1987 census.

Smaller establishments in the remaining portion of the mail survey were sampled with probabilities ranging from 0.999 to 0.005 in accordance with mathematical theory for optimum allocation of a sample. The probabilities of selection assigned to the smaller establishments were proportional to measures of size determined for each establishment. The measures of size depend directly upon each establishment's 1987 product class values and the historic variability of the year-to-year shipments of each product class. Product classes displaying more volatile year-to-year change in shipments at the establishment level were sampled at a heavier rate.

This method of assigning measures of size was used to maximize the precision (that is, minimize the variance of estimates of the year-to-year change) in the value of product class shipments. Implicitly, it also gave weight to differences in employment, value added, and other general statistics, since these are highly correlated with value of shipments. Individual sample selection probabilities were obtained by multiplying each establishment's final measure of size by an overall sampling fraction coefficient calculated to yield a total expected sample size. The sample selection procedure also gave each establishment

in the sampling frame an independent chance of selection. This method of independent selection permits the rotation of small establishments out of a given sample panel without introducing a bias into the survey estimates.

The nonmail portion of the survey includes all single-establishment companies that were tabulated as administrative records in the 1987 Census of Manufactures and all single-establishment company births in 1988 through 1991 below a payroll cutoff that varied by four-digit SIC. These cutoffs were derived from the nonmail payroll cutoffs used for the 1987 Census of Manufactures by adjusting them for inflation. This portion was not sampled; rather, the data for every establishment in this group were estimated based on selected information obtained annually from the administrative records of the Internal Revenue Service (IRS) and the Social Security Administration (SSA). This administrative-record information, which includes payroll, total employment, industry classification, and physical location of the establishment, was obtained under conditions which safeguard the confidentiality of both tax and census records. Estimates of data other than payroll and employment for these small establishments were developed from industry averages. Although this portion contained approximately 160,000 establishments, it accounted for less than 2 percent of the estimate for total value of shipments at the total manufacturing level

The corresponding estimates for the mail and nonmail establishments were added, along with the base-year differences, as defined in the Description of Estimating Procedure section, to produce the figures shown in this publication.

**DESCRIPTION OF ESTIMATING PROCEDURE**

Most of the ASM estimates for 1993 were computed using a difference estimation procedure. For each item, the difference between the 1987 census published number for an item total and the linear estimate of the totals from the ASM sample was generated. These base-year differences were then added to the corresponding current-year linear estimates, which include the estimates for the mail and nonmail establishments, to produce the current-year estimates shown in this publication. Estimates developed by this procedure usually are more reliable than comparable linear estimates developed from the current sample data alone.

**ADJUSTMENTS OF HISTORICAL DATA**

During census years, the data tabulated for the ASM panel have typically been low in comparison to the census data. For 1982 and 1977, the ASM level was 2.0 to 2.5 percent low in terms of value of shipments. For 1987, the ASM level was about 3.5 percent low compared to the census. New single-establishment companies that are not completely classified after IRS and SSA coding and the timing of the inclusion of new plants and acquisitions of multi-establishment companies to the frame contribute to

the low ASM estimate for 1987. Procedures were developed for the 1988 ASM to correct the timing of including new plants of multi-establishment companies. However, the identification of new single-establishment companies remains a problem.

Not only was the 1987 ASM low, but also the published ASM estimates between the census years of 1982 and 1987 appear to be low. Recently, the Census Bureau staff benchmarked shipments and inventories data from the Manufactures Shipments, Inventories, and Orders survey to the 1987 Census of Manufactures and the 1988 ASM. The benchmarking procedure provides an approximation of the understatement at the total manufacturing level. Similar estimates at the detailed four-digit industry, five-digit product class, or geographic area level are not available. The chart below shows the ASM inventories and shipments data at the total manufacturing level with the comparable adjustments determined through the benchmarking process:

Year	End-of-year inventories (million dollars)		Value of shipments (million dollars)	
	Published	Adjusted	Published	Adjusted
1988.....	361 472	361 477	2 682 509	2 682 492
1987.....	332 376	332 619	2 474 646	2 475 906
1986.....	311 124	317 567	2 260 317	2 335 881
1985.....	332 370	329 555	2 280 188	2 334 456
1984.....	329 593	334 236	2 254 430	2 288 184
1983.....	308 002	307 675	2 054 899	2 070 564
1982.....	307 212	307 212	1 960 200	1 960 214

**QUALIFICATIONS OF THE DATA**

The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sample lists but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of estimates.

The particular sample selected for the ASM is one of many similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretical, comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected statistics in this report. They are represented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete coverage value would be included in the range:

1. From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.
2. From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
3. From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

For example, suppose an estimated total is shown at 50,000 with an associated relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete-coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete-coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors also would occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected during the Census Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

## DESCRIPTION OF IMPUTATION PROCEDURE

The need for imputation in the ASM arises from several sources. Complete nonresponse, partial nonresponse, inconsistent reported data, and the Bureau's desire to reduce

the reporting burden for small manufacturers are the primary factors contributing to the need for imputation.

For purposes of the ASM, an item is considered to be an impute if the value was not directly reported on the questionnaire, directly derived from other reported items, directly available from supplemental sources, or obtained from the respondent during the analytical review phase.

In imputing records for nonrespondents, two basic approaches are followed. For most larger establishments, operational information is available from the prior-year ASM. Imputation for 1993 data for establishments with 1992 data available involves adjusting the corresponding 1992 data by estimates of the year-to-year relative change. These estimates are developed based on employment and payroll data from the Bureau of Labor Statistics at the industry group (three-digit SIC) level and are then applied to the 1992 prior-year establishment values for employment and payroll. The remaining data for the establishment are developed based on their prior-year relationship to these two control items. For nonrespondents that have no prior-year record available including establishments not included in the mail portion of the survey, administrative-record data for annual payroll and employment are used. For all other items, industry average relationships between these control items and the item to be imputed are used.

At the total manufacturing level, the overall imputation rate is approximately 7 percent of the published value of shipments figure for 1993. However, this rate varies widely by four-digit industry, five-digit product class, and State total. The median imputation rate for a four-digit industry was 10 percent; for a five-digit product class, the rate was somewhat higher; and for a State total, the rate was comparable to the four-digit industry.

## ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used in this publication:

–	Represents zero.
(A)	Standard errors of 100 percent or more.
(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.
(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.



**Table 1a. Statistics for All Manufacturing Establishments Including Auxiliaries: 1993 and Earlier Years**

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

Year	Establishments <sup>1</sup>		All employees <sup>2</sup>		Production workers			Value added by manufacture <sup>4</sup> (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures <sup>5</sup> (million dollars)
	Total (number)	With 20 employees or more (number)	Number <sup>3</sup> (1,000)	Payroll (million dollars)	Number <sup>3</sup> (1,000)	Hours (millions)	Wages (million dollars)				
1993 <sup>6</sup>	(NA)	(NA)	18 244.4	573 439.5	11 731.7	23 852.6	290 304.7	1 486 266.3	1 646 849.5	3 128 284.2	102 200.9
1992	381 870	124 927	18 233.1	559 939.9	11 648.3	23 581.5	281 508.1	1 425 206.7	1 572 519.9	3 004 861.3	103 210.6
1991 <sup>6</sup>	(NA)	(NA)	18 061.9	529 018.9	11 513.4	23 194.1	266 412.3	1 313 828.8	1 503 925.4	2 826 207.3	98 916.4
1990 <sup>6</sup>	(NA)	(NA)	18 840.3	532 316.8	12 128.5	24 317.5	272 068.4	1 326 361.7	1 554 283.6	2 873 501.6	101 953.1
1989 <sup>6</sup>	(NA)	(NA)	19 040.8	519 092.0	12 341.8	24 662.7	269 348.1	1 307 961.0	1 503 403.4	2 792 689.0	97 186.7
1988 <sup>6</sup>	(NA)	(NA)	19 148.3	502 663.6	12 404.0	24 765.1	264 100.1	1 262 411.9	1 437 829.8	2 682 605.9	80 571.7
1987	368 897	126 294	18 950.3	475 651.0	12 242.7	24 300.6	251 432.6	1 165 746.8	1 319 803.1	2 475 901.0	78 647.8
1986 <sup>6</sup>	(NA)	(NA)	18 370.0	450 759.6	11 765.4	23 178.2	236 599.4	1 035 437.4	1 217 608.6	2 260 314.6	76 354.5
1985 <sup>6</sup>	(NA)	(NA)	18 796.4	443 095.1	12 174.4	23 731.6	235 790.8	1 000 142.0	1 276 009.6	2 280 183.8	83 058.3
1984 <sup>6</sup>	(NA)	(NA)	19 123.3	428 398.8	12 572.8	24 637.1	231 783.9	983 227.7	1 288 413.6	2 253 429.3	75 185.8
1983 <sup>6</sup>	(NA)	(NA)	18 709.2	394 720.9	12 203.0	23 611.6	212 416.4	882 014.5	1 170 237.8	2 045 853.3	61 930.5
1982	358 061	123 163	19 094.1	379 626.5	12 400.6	23 538.3	204 787.2	824 117.7	1 130 142.7	1 960 205.8	74 561.6
1981 <sup>6</sup>	(NA)	(NA)	20 264.0	379 214.4	13 542.8	26 233.1	212 200.9	837 506.5	1 193 969.6	2 017 542.5	78 632.3
1980 <sup>6</sup>	(NA)	(NA)	20 646.7	350 410.8	13 900.1	26 745.7	198 164.0	773 831.3	1 093 567.6	1 852 668.3	70 112.8
1979 <sup>6</sup>	(NA)	(NA)	21 040.2	328 887.9	14 537.8	28 324.3	192 881.5	747 480.5	999 157.5	1 727 214.6	61 533.0
1978 <sup>6</sup>	(NA)	(NA)	20 501.9	298 967.4	14 228.7	27 676.5	176 416.8	657 412.0	877 424.7	1 522 937.3	55 209.2
1977	359 928	118 699	19 590.1	264 013.1	13 691.0	26 686.7	157 163.7	585 165.6	782 417.7	1 358 526.4	47 459.0
1976 <sup>6</sup>	(NA)	(NA)	18 753.0	233 388.7	13 051.2	25 353.8	137 564.0	511 470.9	681 194.1	1 185 695.3	40 545.2
1975 <sup>6</sup>	(NA)	(NA)	18 302.2	209 519.0	12 567.9	24 069.9	121 427.2	442 485.8	597 327.0	1 039 377.4	37 262.1
1974 <sup>6</sup>	(NA)	(NA)	19 844.4	208 312.0	13 970.9	27 239.3	124 983.2	452 468.4	581 580.0	1 017 873.4	35 696.4
1973 <sup>6</sup>	(NA)	(NA)	19 844.8	193 324.5	14 233.1	28 096.8	118 332.3	405 623.5	478 169.6	875 443.2	26 978.8
1972	320 710	114 195	19 026.8	174 186.7	13 526.5	26 696.7	105 494.7	353 974.2	407 418.7	756 534.3	24 072.6
1971 <sup>6</sup>	(NA)	(NA)	18 363.1	156 202.8	12 874.9	25 265.9	93 231.7	314 138.4	356 016.9	670 970.5	20 940.7
1970 <sup>6</sup>	(NA)	(NA)	19 217.2	153 078.5	13 528.0	26 669.3	91 609.0	300 227.6	336 551.6	634 322.1	22 164.3
1969 <sup>6</sup>	(NA)	(NA)	20 035.5	152 765.6	14 357.8	28 599.8	93 459.6	304 440.7	341 724.5	642 635.8	22 291.4
1968 <sup>6</sup>	(NA)	(NA)	19 527.6	141 822.7	14 041.2	28 156.8	87 480.4	285 058.9	320 698.0	603 220.1	20 613.1
1967	311 140	110 256	19 323.2	132 208.4	13 955.3	27 837.6	81 393.6	261 983.8	298 513.7	557 397.8	21 503.0
1966 <sup>6</sup>	(NA)	(NA)	19 024.5	125 350.0	13 826.5	28 102.5	78 256.4	250 880.1	293 663.8	538 736.9	20 235.8
1965 <sup>6</sup>	(NA)	(NA)	18 010.2	113 972.2	13 076.0	26 567.8	71 361.5	226 939.9	268 385.8	492 005.7	16 615.0
1964 <sup>6</sup>	(NA)	(NA)	17 268.5	106 403.3	12 403.3	25 245.5	65 838.9	206 193.6	244 080.5	447 985.1	13 294.3
1963	311 931	102 296	16 958.4	99 898.8	12 232.0	24 509.4	62 093.6	192 082.9	229 683.8	420 528.1	11 370.0
1962 <sup>6</sup>	(NA)	(NA)	16 765.6	94 291.2	12 126.5	24 269.5	59 134.1	179 071.1	221 471.8	399 308.9	10 436.2
1961 <sup>6</sup>	(NA)	(NA)	16 331.2	88 127.8	11 778.5	23 289.4	54 764.6	164 281.1	206 404.6	369 994.3	9 779.8
1960 <sup>6</sup>	(NA)	(NA)	16 762.7	88 087.1	12 209.5	24 174.4	55 555.5	163 998.5	(NA)	(NA)	10 097.8
1959 <sup>6</sup>	(NA)	(NA)	16 662.2	85 642.0	12 272.6	24 443.6	54 714.1	161 535.8	(NA)	(NA)	9 140.0
1958 <sup>7</sup>	303 303	95 310	16 025.2	78 348.9	11 681.1	22 679.2	49 605.2	141 540.6	(NA)	(NA)	9 543.5
1957 <sup>6</sup>	(NA)	(NA)	17 104.7	79 354.0	12 838.9	25 569.0	52 582.5	147 838.4	(NA)	(NA)	12 144.0
1956 <sup>6</sup>	(NA)	(NA)	17 178.3	77 059.0	13 131.3	26 088.5	52 040.8	144 909.3	(NA)	(NA)	11 233.2
1955 <sup>6</sup>	(NA)	(NA)	16 818.5	72 126.0	12 954.4	25 898.3	49 217.9	135 022.5	(NA)	(NA)	8 233.1
1954	(NA)	(NA)	16 125.6	65 977.0	12 372.0	24 344.1	44 590.5	117 032.3	(NA)	(NA)	8 200.7
1953 <sup>6</sup>	(NA)	(NA)	17 093.0	68 590.4	13 500.9	27 065.6	48 979.1	121 659.1	(NA)	(NA)	8 047.9
1952 <sup>6</sup>	(NA)	(NA)	16 061.0	61 140.6	12 706.0	25 617.6	43 763.6	109 162.1	(NA)	(NA)	7 883.4
1951 <sup>6</sup>	(NA)	(NA)	15 638.0	56 283.8	12 508.9	25 263.8	40 654.8	102 085.8	(NA)	(NA)	7 781.7
1950 <sup>6</sup>	(NA)	(NA)	14 769.9	47 892.9	11 778.8	23 716.5	34 600.0	89 749.8	(NA)	(NA)	5 041.3
1949 <sup>6</sup>	(NA)	(NA)	13 880.1	42 752.0	11 016.3	21 769.7	30 254.0	75 366.5	(NA)	(NA)	5 066.9

<sup>1</sup>Includes establishments with payroll at any time during year.

<sup>2</sup>Figures for 1949 to 1993 include data for employees at manufacturing establishments who were engaged in distribution and construction work. In addition to employment and payroll for operating manufacturing establishments, manufacturing companies reported separately for auxiliary units (e.g., administrative offices, research, laboratories, storage warehouses, power plants, garages, repair shops, etc.) which service the manufacturing establishment(s) of a company. These data also are included in total employment, payroll, and establishment figures.

<sup>3</sup>Method of compiling figures varied as follows: All employees: for 1955 to 1993, figures represent average of number of production workers for payroll period ended nearest the 12th of March, May, August, November, plus all other employees for payroll period ended nearest the 12th of March; for 1949 to 1954, figures represent an average of all employees for payroll period ended nearest the 12th of March, May, August, and November. Production workers: for 1949 to 1993, figures are based on employment for payroll period ended nearest the 12th of March, May, August, and November.

<sup>4</sup>Beginning 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 in which respondents were permitted to value their inventories using any generally accepted accounting method. Consequently, 1982 data for value added are not comparable to prior years. For the period 1954 to 1982, value added by manufacture represents adjusted value added, for earlier years, unadjusted value added. Unadjusted value added is obtained by subtracting the cost of materials, supplies and containers, fuel, purchased electric energy, and contract work from the value of shipments for products manufactured plus receipts for services rendered. Adjusted value added also takes into account (a) value added by merchandising operations (that is, the difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) the net change in finished goods and work-in-process between the beginning- and end-of-year inventories.

<sup>5</sup>Figures for 1951 to 1993 include expenditures for plants under construction and not yet in operation. This information was not collected prior to 1951.

<sup>6</sup>Figures represent estimates derived from a representative sample of manufacturing establishments canvassed in the annual survey of manufactures. These estimates, therefore, may differ from results that would have been obtained from a complete canvass of all manufacturing establishments. Standard errors associated with these estimates are published in annual survey of manufactures volumes for this period.

<sup>7</sup>Data for establishments classified in Industry 3273, Ready-Mixed Concrete, and establishments classified in Industry 3599, Industrial Machinery, N.E.C., are excluded from figures in 1949 to 1957. Figures for 1954 to 1966 include data for establishments engaged in processing and distribution of fluid milk, Industry Group 202, Dairy Products. These establishments were not included in figures for earlier census years. Beginning with 1954, figures include data for Industry 2411, Logging.

**Table 1b. Employment Statistics for Operating Manufacturing Establishments and Auxiliaries by Major Group: 1993 and Earlier Years**

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

SIC code	Major group and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries	
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)
	<b>All industries -----</b>	<b>1993.. 18 244.4</b>	<b>573 439.5</b>	<b>16 957.9</b>	<b>504 464.0</b>	<b>1 286.5</b>	<b>68 975.5</b>
		1992.. 18 233.1	559 939.9	16 967.5	494 202.6	1 265.6	65 737.3
		1987.. 18 950.3	475 651.0	17 716.7	418 449.4	1 233.6	47 201.7
		1982.. 19 094.1	379 626.5	17 818.1	341 406.2	1 276.0	38 220.3
		1977.. 19 590.1	264 013.1	18 515.9	242 031.9	1 074.2	21 981.2
20	Food and kindred products -----	1993.. 1 644.7	44 229.5	1 521.9	37 722.5	122.8	6 507.0
		1992.. 1 623.9	43 016.3	1 504.9	36 777.0	119.0	6 239.3
		1987.. 1 557.1	34 223.6	1 448.8	30 267.5	108.3	3 956.1
		1982.. 1 596.6	29 118.6	1 487.7	26 087.5	108.9	3 031.1
		1977.. 1 622.1	20 472.7	1 520.0	18 543.6	102.1	1 929.1
21	Tobacco products -----	1993.. 56.6	2 424.0	36.6	1 423.1	20.0	1 000.9
		1992.. 59.5	2 588.1	38.1	1 524.5	21.4	1 063.6
		1987.. 63.5	2 170.5	44.7	1 485.6	18.8	684.9
		1982.. 72.1	1 716.8	57.9	1 323.5	14.2	393.3
		1977.. 68.6	897.6	60.6	750.7	8.0	146.9
22	Textile mill products -----	1993.. 635.2	13 962.7	610.1	12 835.9	25.1	1 126.8
		1992.. 641.2	13 484.7	614.0	12 328.0	27.2	1 156.7
		1987.. 698.8	12 252.4	672.0	11 409.6	26.9	842.8
		1982.. 750.3	9 840.1	717.4	9 046.1	32.9	794.0
		1977.. 908.9	8 434.4	875.7	7 881.4	33.2	553.0
23	Apparel and other textile products -----	1993.. 1 013.4	16 859.7	979.9	15 626.4	33.5	1 233.3
		1992.. 1 017.6	16 496.5	984.6	15 299.5	33.0	1 197.0
		1987.. 1 113.8	14 774.0	1 080.6	13 903.6	33.2	870.4
		1982.. 1 224.0	12 881.9	1 189.2	12 128.8	34.8	753.1
		1977.. 1 361.8	10 062.2	1 334.3	9 658.6	27.5	403.6
24	Lumber and wood products -----	1993.. 703.1	15 860.5	687.1	15 035.6	16.0	824.9
		1992.. 674.6	14 686.3	657.5	13 904.4	17.1	781.9
		1987.. 712.5	13 200.9	698.4	12 706.5	14.1	494.4
		1982.. 598.4	9 051.5	576.5	8 444.4	21.9	607.1
		1977.. 706.9	7 694.9	692.4	7 424.7	14.5	270.2
25	Furniture and fixtures -----	1993.. 494.4	11 175.8	484.5	10 742.3	9.9	433.5
		1992.. 483.1	10 670.7	472.6	10 220.6	10.5	450.1
		1987.. 522.6	9 433.6	510.8	9 082.1	11.8	351.5
		1982.. 446.6	6 336.3	436.0	6 083.7	10.6	252.6
		1977.. 553.3	4 588.4	463.8	4 448.3	9.0	140.1
26	Paper and allied products -----	1993.. 674.6	23 474.8	627.4	20 916.7	47.2	2 558.1
		1992.. 676.2	23 067.0	625.9	20 477.1	50.3	2 589.9
		1987.. 654.7	18 718.2	611.3	16 859.8	43.5	1 858.4
		1982.. 636.9	14 047.1	605.6	12 947.5	31.3	1 099.6
		1977.. 666.3	9 845.3	628.7	8 942.9	37.6	902.4
27	Printing and publishing -----	1993.. 1 578.0	45 276.0	1 497.2	42 078.8	80.8	3 197.2
		1992.. 1 580.9	44 217.3	1 500.0	41 263.1	80.9	2 954.2
		1987.. 1 578.1	35 850.4	1 494.0	33 440.0	84.1	2 410.4
		1982.. 1 340.1	23 912.1	1 291.8	22 706.9	48.3	1 205.2
		1977.. 1 131.1	14 645.9	1 092.2	14 024.5	38.9	621.4
28	Chemicals and allied products -----	1993.. 1 097.8	48 079.1	841.0	33 091.7	256.8	14 987.4
		1992.. 1 102.5	47 120.2	848.2	32 495.2	254.3	14 625.0
		1987.. 1 028.4	34 039.1	814.0	25 016.5	214.4	9 022.7
		1982.. 1 079.0	27 462.3	872.5	20 835.7	206.5	6 626.6
		1977.. 1 061.6	17 638.2	880.2	13 839.3	181.4	3 798.9
29	Petroleum and coal products -----	1993.. 156.2	7 690.2	113.7	5 135.8	42.5	2 554.4
		1992.. 159.4	7 452.6	114.4	4 965.7	45.0	2 486.9
		1987.. 153.6	5 669.0	115.9	3 996.2	37.7	1 672.9
		1982.. 228.0	6 906.9	151.6	4 338.7	76.0	2 568.2
		1977.. 212.1	4 258.2	146.8	2 696.2	65.3	1 562.0
30	Rubber and miscellaneous plastics products -----	1993.. 974.0	26 552.0	938.7	24 512.0	35.3	2 040.0
		1992.. 941.9	25 017.1	906.7	23 120.6	35.2	1 896.5
		1987.. 863.3	18 904.2	831.4	17 581.4	31.9	1 322.8
		1982.. 713.4	12 577.3	681.7	11 596.8	31.7	972.0
		1977.. 746.5	8 994.3	721.3	8 536.0	25.2	458.3
31	Leather and leather products -----	1993.. 103.0	1 985.7	98.2	1 813.4	4.8	172.3
		1992.. 105.5	1 963.7	100.9	1 796.9	4.6	166.8
		1987.. 135.7	1 989.2	129.0	1 830.6	6.7	158.6
		1982.. 208.8	2 423.3	199.8	2 218.5	9.0	204.8
		1977.. 253.3	1 992.0	242.5	1 859.7	10.8	132.3
32	Stone, clay, and glass products -----	1993.. 494.1	14 769.6	468.2	13 407.9	25.9	1 361.7
		1992.. 496.1	14 492.0	468.6	13 110.3	27.5	1 381.7
		1987.. 554.3	13 550.5	523.7	12 349.1	30.6	1 201.4
		1982.. 573.4	11 262.2	531.6	10 096.7	41.8	1 165.5
		1977.. 654.8	8 740.3	613.7	7 943.1	41.1	797.2
33	Primary metal industries -----	1993.. 677.0	23 993.1	653.2	22 707.7	23.8	1 285.4
		1992.. 687.7	23 493.3	661.2	22 163.5	26.5	1 329.8
		1987.. 729.3	20 818.0	701.1	19 777.3	28.2	1 040.7
		1982.. 902.2	21 998.4	854.7	20 602.7	47.5	1 395.7
		1977.. 1 160.4	19 776.0	1 113.6	18 745.0	46.8	1 031.0
34	Fabricated metal products -----	1993.. 1 411.5	42 105.7	1 371.9	40 051.4	39.6	2 054.3
		1992.. 1 409.0	41 147.2	1 370.8	39 181.9	38.2	1 965.3
		1987.. 1 499.6	36 545.0	1 458.0	34 999.7	41.6	1 545.3
		1982.. 1 512.1	29 721.0	1 459.7	28 282.6	51.5	1 438.4
		1977.. 1 605.8	22 022.4	1 555.7	21 035.9	50.1	986.5
35	Industrial machinery and equipment -----	1993.. 1 879.0	65 935.4	1 748.9	58 562.0	130.1	7 373.4
		1992.. 1 865.3	64 277.0	1 737.3	57 160.7	128.0	7 116.3
		1987.. 2 008.3	56 646.2	1 844.4	50 553.1	163.8	6 093.1
		1982.. 2 326.4	50 972.6	2 188.7	46 910.7	137.7	4 061.9
		1977.. 2 176.4	32 442.3	2 083.3	30 557.5	93.1	1 884.8
36	Electronic and other electric equipment -----	1993.. 1 581.0	53 158.6	1 437.7	45 267.4	143.3	7 891.2
		1992.. 1 565.0	50 760.5	1 439.9	44 245.3	125.1	6 515.2
		1987.. 1 689.4	43 544.3	1 564.7	38 738.2	124.7	4 806.1
		1982.. (NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1977.. (NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnotes at end of table.

**Table 1b. Employment Statistics for Operating Manufacturing Establishments and Auxiliaries by Major Group: 1993 and Earlier Years—Con.**

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

SIC code	Major group and year	All establishments		Operating manufacturing establishments		Administrative offices and auxiliaries		
		Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	Employees (1,000)	Payroll (million dollars)	
37	Transportation equipment -----	1993..	1 725.9	69 681.7	1 583.4	62 170.9	142.5	7 510.8
		1992..	1 783.9	69 874.8	1 647.7	62 620.7	136.2	7 254.1
		1987..	1 957.5	64 865.4	1 817.4	58 790.4	140.2	6 074.9
		1982..	1 740.3	44 519.9	1 595.9	40 811.9	108.4	3 708.0
		1977..	1 873.7	33 314.4	1 768.2	30 673.5	105.5	2 640.9
38	Instruments and related products -----	1993..	951.2	36 590.7	878.7	32 494.6	72.5	4 096.1
		1992..	977.2	36 795.2	908.4	33 116.0	68.8	3 679.2
		1987..	1 042.7	31 166.3	982.4	28 778.1	60.3	2 388.2
		1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1977..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
39	Miscellaneous manufacturing industries -----	1993..	393.6	9 634.5	379.4	8 867.7	14.2	766.8
		1992..	382.6	9 319.4	365.8	8 431.8	16.8	887.6
		1987..	387.3	7 290.1	374.3	6 884.2	12.9	406.0
		1982..	395.7	6 010.3	382.6	5 646.9	13.1	363.4
		1977..	451.9	4 596.5	440.7	4 406.4	11.2	190.1

**Table 2. Statistics for Industry Groups and Industries: 1993 and 1992**

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

SIC code	Industry group and industry	1993									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
	<b>All industries</b> .....	<b>18 244.4</b>	<b>573 439.5</b>	<b>11 731.7</b>	<b>23 852.6</b>	<b>290 304.7</b>	<b>1 486 266.3</b>	<b>1 646 849.5</b>	<b>3 128 284.2</b>	<b>102 200.9</b>	<b>382 820.0</b>
20	Food and kindred products .....	1 521.9	37 722.5	1 118.5	2 278.5	24 092.0	166 667.7	257 293.8	423 257.0	9 389.3	32 256.9
21	Tobacco products <sup>2</sup> .....	36.6	1 423.1	26.0	47.5	92.0	20 832.5	7 580.8	28 383.8	387.7	6 597.9
22	Textile mill products .....	610.1	12 835.9	523.9	1 085.0	9 679.1	30 979.8	43 411.1	73 950.6	2 450.0	8 814.9
23	Apparel and other textile products .....	979.9	15 626.4	825.1	1 510.0	11 083.8	37 110.6	37 169.4	73 997.1	961.3	10 778.1
24	Lumber and wood products .....	687.1	15 035.6	570.0	1 164.7	11 082.0	37 868.4	57 430.2	94 546.9	1 950.7	9 861.8
25	Furniture and fixtures .....	484.5	10 742.3	385.4	765.2	7 188.3	24 101.2	23 435.3	47 348.8	972.5	6 042.1
26	Paper and allied products .....	627.4	20 916.7	480.0	1 024.9	14 436.1	59 449.2	74 135.5	133 485.8	7 363.8	13 955.0
27	Printing and publishing .....	1 497.2	42 078.8	785.1	1 549.0	18 496.7	116 919.8	55 784.6	172 736.8	4 873.6	11 987.4
28	Chemicals and allied products .....	841.0	33 091.7	473.6	999.4	15 636.9	170 880.0	144 093.8	314 743.8	15 679.0	36 119.8
29	Petroleum and coal products .....	113.7	5 135.8	74.0	164.3	3 054.3	23 913.5	119 863.0	144 714.9	6 303.9	9 931.4
30	Rubber and miscellaneous plastics products .....	938.7	24 512.0	725.9	1 475.4	16 020.2	63 378.1	59 635.8	122 776.2	4 994.6	13 075.7
31	Leather and leather products .....	98.2	1 813.4	81.3	155.1	1 258.0	4 631.0	5 491.4	9 990.9	130.8	1 682.5
32	Stone, clay, and glass products .....	468.2	13 407.9	358.3	748.6	9 349.0	35 783.5	29 509.4	65 573.7	2 417.2	7 594.2
33	Primary metal industries .....	653.2	22 707.7	504.2	1 074.6	16 236.9	55 272.1	86 939.0	142 384.4	4 726.4	20 007.3
34	Fabricated metal products .....	1 371.9	40 051.4	1 016.8	2 107.7	25 621.8	88 007.2	86 828.8	175 137.3	4 912.6	23 490.2
35	Industrial machinery and equipment .....	1 748.9	58 562.0	1 110.5	2 295.3	30 558.6	140 986.7	138 397.5	277 957.2	7 930.6	47 307.6
36	Electronic and other electric equipment .....	1 437.7	45 267.4	914.2	1 845.6	21 480.3	128 484.3	105 330.9	233 342.6	9 985.2	31 518.2
37	Transportation equipment .....	1 583.4	62 170.9	1 048.2	2 149.3	37 089.5	165 550.8	250 828.9	414 614.4	11 408.2	61 356.1
38	Instruments and related products .....	878.7	32 494.6	443.8	881.5	12 030.6	92 058.4	44 477.2	136 916.4	4 430.9	23 320.9
39	Miscellaneous manufacturing industries .....	379.4	8 867.7	267.0	531.1	5 011.1	23 391.4	19 213.3	42 425.6	932.7	7 122.1
—	Auxiliaries <sup>3</sup> .....	1 286.5	68 975.5	—	—	—	—	—	—	—	—
<b>20</b>	<b>Food and kindred products</b> .....	<b>1 521.9</b>	<b>37 722.5</b>	<b>1 118.5</b>	<b>2 278.5</b>	<b>24 092.0</b>	<b>166 667.7</b>	<b>257 293.8</b>	<b>423 257.0</b>	<b>9 389.3</b>	<b>32 256.9</b>
201	Meat products .....	414.7	7 862.9	357.1	738.9	6 085.7	20 780.5	78 844.9	99 392.5	1 257.9	3 208.5
2011	Meat packing plants .....	125.2	2 545.2	107.4	232.4	2 006.5	7 618.6	45 808.2	53 297.1	289.8	1 184.4
2013	Sausages and other prepared meats .....	84.2	2 005.4	65.4	139.5	1 363.4	5 516.3	15 244.3	20 724.2	413.2	1 115.1
2015	Poultry slaughtering and processing .....	205.3	3 312.2	184.3	367.0	2 715.8	7 645.6	17 792.4	25 371.2	554.8	909.1
202	Dairy products .....	137.0	3 831.0	87.7	186.4	2 256.6	16 857.9	38 190.1	55 027.6	937.5	2 567.4
2021	Creamery butter .....	1.6	46.9	1.2	2.5	31.7	186.5	792.0	979.2	12.6	35.2
2022	Cheese, natural and processed .....	36.5	919.9	29.7	62.1	705.2	4 765.1	14 261.2	19 020.5	274.3	1 173.0
2023	Dry, condensed, and evaporated dairy products .....	15.3	458.6	10.1	21.8	284.1	3 479.8	4 212.8	7 671.6	134.8	457.8
2024	Ice cream and frozen desserts .....	20.4	574.5	13.9	28.7	332.5	2 363.3	3 245.3	5 608.1	180.3	408.1
2026	Fluid milk .....	63.1	1 831.0	32.9	71.2	903.1	6 063.1	15 678.9	21 748.2	335.4	493.3
203	Preserved fruits and vegetables .....	213.3	4 825.5	176.2	346.0	3 478.8	22 919.7	23 939.5	46 896.3	1 414.0	8 173.3
2032	Canned specialties .....	21.2	576.0	17.4	35.8	442.5	3 810.1	3 173.3	6 979.4	191.2	898.3
2033	Canned fruits and vegetables .....	61.4	1 432.4	51.1	102.8	1 067.3	6 749.9	7 922.3	14 657.8	404.1	3 473.6
2034	Dehydrated fruits, vegetables, and soups .....	13.5	320.0	11.3	21.4	223.2	1 252.8	1 218.1	2 471.4	81.3	738.0
2035	Pickles, sauces, and salad dressings .....	22.3	566.6	17.1	33.6	379.7	3 752.5	2 882.9	6 632.2	149.4	700.3
2037	Frozen fruits and vegetables .....	48.5	937.8	41.3	79.9	682.5	3 169.6	4 652.3	7 883.1	313.2	1 766.1
2038	Frozen specialties, n.e.c. .....	46.4	992.7	38.0	72.5	683.6	4 184.9	4 090.7	8 272.4	274.8	597.0
204	Grain mill products .....	106.3	3 435.6	73.8	162.1	2 202.0	22 887.2	29 566.9	52 368.5	1 399.0	3 189.3
2041	Flour and other grain mill products .....	13.4	420.8	9.9	22.1	289.1	1 885.2	4 990.7	6 837.2	119.7	650.0
2043	Cereal breakfast foods .....	17.6	761.8	14.4	31.6	608.7	7 762.6	2 835.0	10 615.0	396.4	351.0
2044	Rice milling .....	3.9	97.9	3.2	7.0	67.6	602.6	1 393.9	1 944.3	39.7	439.7
2045	Prepared flour mixes and doughs .....	14.1	436.2	10.2	22.1	263.2	1 941.4	2 014.5	3 948.3	105.5	231.7
2046	Wet corn milling .....	9.0	364.4	6.1	13.9	228.1	3 262.4	3 644.3	6 886.2	441.9	384.9
2047	Dog and cat food .....	14.3	480.5	10.8	23.8	328.0	3 643.0	3 591.7	7 245.3	141.4	372.3
2048	Prepared feeds, n.e.c. .....	33.9	874.1	19.1	41.5	417.3	3 789.9	11 096.8	14 892.2	154.4	75.9
205	Bakery products .....	219.0	5 783.5	136.2	268.4	3 241.7	18 733.9	11 203.4	29 916.3	863.5	1 055.9
2051	Bread, cake, and related products .....	158.0	4 206.3	89.7	174.0	2 147.8	11 684.5	6 988.7	18 669.4	510.7	458.9
2052	Cookies and crackers .....	48.2	1 289.0	36.4	73.8	896.7	6 055.0	3 418.9	9 460.1	314.2	480.8
2053	Frozen bakery products, except bread .....	12.8	288.3	10.0	20.6	197.2	994.3	795.9	1 786.8	38.6	116.2
206	Sugar and confectionery products .....	92.1	2 491.3	72.0	146.4	1 714.0	11 368.9	12 374.7	23 573.4	819.4	3 716.0
2061	Raw cane sugar .....	6.7	177.8	5.0	11.6	129.2	673.0	892.1	1 519.1	52.7	420.3
2062	Cane sugar refining .....	4.7	194.1	3.4	7.8	128.5	744.4	1 898.9	2 660.7	30.5	351.5
2063	Beet sugar .....	7.8	231.4	6.7	14.3	186.9	777.9	1 699.4	2 467.9	128.6	736.4
2064	Candy and other confectionery products and industry 2067, chewing gum .....	52.8	1 319.6	42.0	82.1	914.1	6 382.1	4 288.3	10 678.5	411.5	1 175.6
2066	Chocolate and cocoa products .....	10.0	334.4	7.1	14.4	208.4	1 556.0	1 658.1	3 203.2	125.5	452.8
2068	Salted and roasted nuts and seeds .....	10.0	233.9	7.7	16.2	146.9	1 235.5	1 937.8	3 043.9	70.5	579.3
207	Fats and oils .....	27.2	784.1	18.8	41.3	474.1	4 105.5	15 991.3	20 061.7	335.2	1 747.3
2074	Cottonseed oil mills .....	2.3	48.8	1.8	4.1	33.9	214.6	529.5	743.7	21.8	211.6
2075	Soybean oil mills .....	7.5	230.7	5.2	11.2	143.6	1 537.2	10 153.0	11 705.1	146.7	961.9
2076	Vegetable oil mills, n.e.c. .....	.9	27.5	.6	1.4	16.5	139.8	603.8	721.1	8.1	99.0
2077	Animal and marine fats and oils .....	8.2	222.4	5.4	12.6	127.3	814.6	1 088.4	1 873.9	70.1	123.8
2079	Edible fats and oils, n.e.c. .....	8.2	254.7	5.8	12.0	152.8	1 399.2	3 616.7	5 017.8	88.4	351.0
208	Beverages .....	146.9	4 926.3	75.5	153.2	2 383.5	30 699.6	29 007.3	59 577.0	1 387.3	5 785.6
2082	Malt beverages .....	35.3	1 596.3	25.3	46.5	1 056.1	10 558.2	7 125.3	17 671.3	479.3	589.5
2083	Malt .....	1.3	44.7	.9	1.8	30.4	184.2	399.0	576.4	39.3	137.2
2084	Wines, brandy, and brandy spirits .....	14.1	436.3	6.6	12.8	163.9	2 118.6	2 520.4	4 514.1	146.1	2 147.8
2085	Distilled and blended liquors .....	7.0	245.1	5.1	10.4	161.1	2 112.9	1 472.1	3 568.8	42.1	1 149.7
2086	Bottled and canned soft drinks .....	78.6	2 228.1	31.6	68.1	794.3	10 228.4	15 779.6	25 997.6	616.2	1 222.8
2087	Flavoring extracts and syrups, n.e.c. .....	10.7	375.8	6.0	13.6	177.7	5 497.3	1 710.9	7 248.7	64.3	538.6
209	Miscellaneous food and kindred products .....	165.5	3 782.4	121.3	236.0	2 255.8	18 314.7	18 175.7	36 443.8	975.6	2 813.7
2091	Canned and cured fish and seafoods .....	7.2	142.1	5.6	10.4	94.6	387.2	654.8	1 042.1	45.1	150.7
2092	Fresh or frozen prepared fish .....	40.1	723.5	33.0	61.1	498.3	4 290.8	4 290.8	6 700.5	113.0	753.6
2095	Roasted coffee .....	10.4	339.4	6.5	13.9	188.9	2 969.6	2 587.8	5 535.7	111.2	312.6
2096	Potato chips and similar snacks .....	35.2	859.7	24.4	46.1	486.3	4 344.5	3 410.7	7 748.0	250.1	208.2
2097	Manufactured ice .....	4.9	98.2	3.0	6.2	49.3	279.8	114.6	396.8	21.4	16.8
2098	Macaroni and spaghetti .....	5.8	150.8	4.6	10.3	108.0	915.6	598.6	1 518.3	40.7	96.2
2099	Food preparations, n.e.c. .....	61.9	1 468.6	44.2	88.0	830.6	7 027.1	6 518.4	13 502.3	394.2	1 275.5

See footnotes at end of table.

1992													Standard error of estimate <sup>1</sup> (percent) for column—			SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)	A	F	I				
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)									P	Q	R	S
K	L	M	N	O	P	Q	R	S	T	A	F	I				
<b>18 233.1</b>	<b>559 939.9</b>	<b>11 648.3</b>	<b>23 581.5</b>	<b>281 508.1</b>	<b>1 425 206.7</b>	<b>1 572 519.9</b>	<b>3 004 861.3</b>	<b>103 210.6</b>	<b>376 733.5</b>	<b>1</b>	<b>1</b>	<b>1</b>				
1 504.9	36 777.0	1 101.5	2 245.3	23 361.6	157 242.1	250 247.5	407 156.9	9 899.4	31 381.6	1	1	1	20			
38.1	1 524.5	27.0	51.2	996.1	27 206.7	8 016.0	35 198.5	389.3	6 870.8	1	1	1	21			
614.0	12 328.0	526.7	1 080.7	9 288.0	29 848.2	40 900.7	70 517.6	2 223.9	8 282.8	1	1	2	22			
984.6	15 299.5	824.1	1 512.7	10 768.3	36 357.6	35 544.3	71 546.6	942.0	9 905.2	1	1	3	23			
657.5	13 904.4	541.3	1 091.0	10 219.1	33 235.0	48 706.8	81 764.8	1 761.8	8 023.6	1	1	3	24			
472.6	10 220.6	373.6	749.4	6 760.8	22 824.1	20 909.9	43 689.4	814.2	5 712.1	1	1	4	25			
625.9	20 477.1	478.4	1 017.9	14 051.5	60 122.7	73 106.7	133 062.4	7 950.4	13 823.7	1	1	1	26			
1 500.0	41 263.1	789.3	1 564.1	18 520.2	112 883.2	53 884.7	166 797.6	5 378.8	11 808.3	1	1	2	27			
848.2	32 495.2	479.0	1 007.5	15 391.2	164 412.3	141 790.3	305 371.3	16 384.1	35 453.8	1	1	1	28			
114.4	4 965.7	73.6	165.4	2 922.3	23 799.7	125 868.1	149 941.1	6 539.0	10 945.4	1	1	1	29			
906.7	23 120.6	696.5	1 412.2	14 978.6	58 658.3	55 175.2	113 611.4	4 790.0	12 441.4	1	1	2	30			
100.9	1 796.9	82.6	155.0	1 217.9	4 511.5	5 215.6	9 667.9	133.0	1 560.2	2	2	6	31			
468.6	13 110.3	356.6	742.4	9 029.3	34 539.1	27 908.8	62 383.7	2 454.5	7 864.2	1	1	2	32			
661.2	22 163.5	507.4	1 065.0	15 710.2	51 908.3	85 692.9	138 209.1	5 344.9	19 937.4	1	1	1	33			
1 370.8	39 181.9	1 000.2	2 064.2	24 759.5	84 081.6	82 834.2	167 055.7	4 452.1	23 436.8	1	1	2	34			
1 737.3	57 160.7	1 084.6	2 223.9	29 139.2	132 649.9	124 725.9	258 336.2	8 063.5	45 724.8	1	1	2	35			
1 439.9	44 245.3	911.3	1 835.2	21 052.0	120 747.8	95 108.3	216 229.5	8 980.0	29 790.4	1	1	1	36			
1 647.7	62 620.7	1 079.9	2 170.1	36 458.5	158 799.2	234 594.8	399 857.3	11 045.0	63 157.0	1	1	1	37			
908.4	33 116.0	459.9	916.9	12 213.8	89 344.7	44 644.8	134 870.3	4 617.2	23 915.6	1	1	2	38			
365.8	8 431.8	254.9	511.3	4 670.1	22 034.7	17 644.3	39 594.0	1 047.5	6 698.5	1	1	3	39			
1 265.6	65 737.3	—	—	—	—	—	—	—	—	1	(X)	(X)	—			
<b>1 504.9</b>	<b>36 777.0</b>	<b>1 101.5</b>	<b>2 245.3</b>	<b>23 361.6</b>	<b>157 242.1</b>	<b>250 247.5</b>	<b>407 156.9</b>	<b>9 899.3</b>	<b>31 381.6</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>20</b>			
401.7	7 570.5	344.0	709.9	5 828.2	19 075.8	75 108.1	94 163.9	1 189.3	2 944.7	1	1	3	201			
122.4	2 452.8	105.5	228.5	1 956.6	6 928.0	43 586.4	50 434.4	343.2	1 054.3	1	1	3	2011			
85.5	2 026.3	65.7	139.9	1 353.3	5 491.3	14 455.0	19 972.4	379.7	1 058.1	2	2	8	2013			
193.8	3 091.5	172.8	341.5	2 518.4	6 656.5	17 066.7	23 757.1	466.4	832.3	1	1	1	2015			
137.3	3 776.6	86.4	184.9	2 177.4	16 062.4	38 121.3	54 144.2	1 009.9	2 573.7	1	1	2	202			
1.5	42.4	1.1	2.4	28.9	148.4	883.7	1 034.0	9.1	32.7	1	8	11	2021			
36.3	883.2	29.2	61.4	657.4	4 472.4	13 880.9	18 351.7	261.8	1 204.6	1	2	4	2022			
15.2	451.6	9.9	21.6	272.3	3 379.5	4 172.4	7 541.0	188.5	429.5	2	2	3	2023			
20.9	558.2	13.7	28.8	324.9	2 096.5	3 210.5	5 290.6	188.1	406.0	4	2	5	2024			
63.4	1 841.1	32.5	70.8	894.0	5 965.6	15 973.8	21 926.9	362.5	500.9	1	1	2	2026			
214.4	4 769.0	177.8	351.7	3 452.4	22 827.4	23 481.1	46 399.9	1 474.8	8 377.3	1	2	3	203			
21.0	561.0	17.2	35.5	427.4	3 617.5	3 057.2	6 662.7	274.7	859.7	1	1	4	2032			
63.7	1 466.7	53.2	109.3	1 101.4	6 959.4	8 032.5	15 065.5	445.1	3 749.0	2	3	6	2033			
13.5	320.8	11.3	21.9	224.4	1 515.0	1 317.9	2 853.1	91.7	709.4	3	3	9	2034			
21.4	531.3	16.3	32.7	347.4	3 749.2	2 651.3	6 398.0	158.8	700.4	1	2	8	2035			
48.0	917.6	41.5	79.1	678.2	2 910.4	4 613.4	7 535.0	254.8	1 775.9	2	4	9	2037			
46.7	971.5	38.3	73.4	673.6	4 075.9	3 808.9	7 885.7	249.7	582.8	2	2	4	2038			
107.4	3 379.7	73.8	160.9	2 168.5	21 084.3	28 916.2	50 052.4	1 606.9	2 889.8	1	1	2	204			
13.1	408.9	9.5	21.5	276.8	1 624.5	6 294.4	6 570.7	253.5	570.7	2	2	9	2041			
16.1	745.3	13.1	29.7	597.6	7 338.1	2 470.9	9 798.6	396.6	365.7	4	1	2	2043			
3.9	94.4	3.1	6.7	65.6	1 437.0	1 204.4	1 650.7	23.5	316.6	1	4	9	2044			
15.8	429.2	11.8	24.4	276.1	1 821.7	2 040.3	3 865.7	160.6	227.4	4	1	10	2045			
9.2	371.3	6.1	14.7	233.8	3 257.5	3 742.3	7 045.2	409.2	337.8	1	1	1	2046			
13.8	455.6	10.5	22.4	301.5	3 729.9	3 295.5	7 023.9	179.8	347.9	1	1	6	2047			
35.5	875.0	19.7	41.5	417.1	2 875.6	11 487.7	14 373.9	183.6	723.9	2	6	6	2048			
215.0	5 600.1	133.2	264.4	3 082.7	17 904.6	10 593.7	28 501.4	861.8	1 004.9	1	1	2	205			
155.1	4 061.6	88.3	172.1	2 034.3	11 462.0	6 680.1	18 142.5	514.4	456.1	1	1	3	2051			
47.2	1 250.3	35.1	71.9	851.3	5 523.4	3 151.0	8 687.5	310.3	434.3	1	1	3	2052			
12.7	288.2	9.8	20.4	197.1	919.2	762.6	1 671.4	37.1	114.5	1	1	8	2053			
91.4	2 402.8	71.5	143.5	1 615.7	10 951.0	11 957.9	22 712.6	897.4	3 565.3	1	1	3	206			
7.0	175.8	5.1	11.7	128.2	561.9	887.6	1 459.8	59.3	374.0	1	2	8	2061			
4.8	187.5	3.6	7.9	129.4	737.2	2 138.2	2 822.9	56.3	354.7	1	1	3	2062			
7.6	220.2	6.6	14.3	173.4	799.7	1 559.3	2 282.0	96.5	715.6	1	1	1	2063			
51.5	1 262.7	41.0	79.5	842.4	6 348.9	3 903.3	10 207.1	378.7	1 197.6	1	1	3	2064			
9.9	323.3	7.1	13.9	199.4	1 475.3	1 632.3	3 106.4	261.9	484.0	1	1	9	2066			
10.4	233.4	8.1	16.2	143.0	1 028.0	1 837.3	2 834.4	44.7	439.5	1	1	2	2068			
27.8	778.5	19.3	42.1	482.7	3 759.1	14 956.6	18 743.1	323.0	1 550.0	1	1	4	207			
2.4	49.6	1.9	4.3	33.9	211.4	510.8	737.8	12.0	183.8	2	6	34	2074			
7.4	225.3	5.1	11.1	143.1	1 273.8	9 372.5	10 650.6	123.2	857.9	2	1	1	2075			
.9	26.2	.6	1.2	15.2	133.8	532.3	666.2	10.4	76.0	7	1	1	2076			
8.5	220.3	5.5	12.6	130.5	755.4	1 094.6	1 858.2	70.3	90.3	2	4	11	2077			
8.7	257.1	6.1	12.9	160.1	1 384.7	3 446.4	4 830.4	107.0	342.0	1	2	3	2079			
144.3	4 784.8	73.9	148.0	2 330.9	29 255.5	28 913.4	57 939.4	1 537.3	5 706.8	1	1	2	208			
34.5	1 566.7	25.1	45.9	1 050.7	10 189.3	7 179.8	17 179.8	565.0	609.0	1	1	1	2082			
1.3	44.4	.9	1.8	30.5	175.9	387.3	575.8	27.1	161.4	5	2	7	2083			
14.0	425.9	6.5	12.6	159.8	2 088.7	2 394.0	4 301.0	114.7	2 019.6	4	2	6	2084			
7.1	243.9	5.1	10.5	158.0	1 945.6	1 446.9	3 394.1	56.3	1 177.0	1	1	1	2085			
77.1	2 162.8	30.5	65.0	774.3	9 586.4	15 853.4	25 416.9	698.5	1 242.3	1	1	2	2086			
10.3	341.1	5.8	12.2	157.6	5 269.7	1 651.9	6 911.4	75.6	497.5	4	1	7	2087			
165.8	3 715.1	121.5	239.8	2 223.2	16 321.9	18 199.1	34 500.0	998.9	2 769.1	2	1	4	209			
7.0	132.7	5.5	10.3	87.8	362.0	606.5	968.4	20.1	164.9	3	4	6	2091			
41.3	761.1	34.2	67.0	520.5	2 325.1	4 671.4	6 995.7	149.6	827.3	5	4	7	2092			
10.5	340.0	6.6	14.0	192.6	2 752.5	2 530.0	5 292.8	149								

**Table 2. Statistics for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
<b>21</b>	<b>Tobacco products<sup>2</sup></b> .....	<b>36.6</b>	<b>1 423.1</b>	<b>26.0</b>	<b>47.5</b>	<b>920.2</b>	<b>20 832.5</b>	<b>7 580.8</b>	<b>28 383.8</b>	<b>387.7</b>	<b>6 597.9</b>
211	Cigarettes <sup>2</sup> .....	24.7	1 129.4	17.8	30.6	756.0	18 652.1	4 634.2	23 266.3	338.6	5 789.4
2111	Cigarettes <sup>2</sup> .....	24.7	1 129.4	17.8	30.6	756.0	18 652.1	4 634.2	23 266.3	338.6	5 789.4
212	Cigars <sup>2</sup> .....	2.7	58.1	2.1	4.2	38.3	190.2	104.3	293.7	2.7	51.9
2121	Cigars <sup>2</sup> .....	2.7	58.1	2.1	4.2	38.3	190.2	104.3	293.7	2.7	51.9
213	Chewing and smoking tobacco <sup>2</sup> .....	3.1	94.1	2.0	4.0	50.5	1 273.8	365.1	1 636.3	15.5	228.3
2131	Chewing and smoking tobacco <sup>2</sup> .....	3.1	94.1	2.0	4.0	50.5	1 273.8	365.1	1 636.3	15.5	228.3
214	Tobacco stemming and redrying <sup>2</sup> .....	6.1	141.4	4.1	8.7	75.5	716.4	2 477.1	3 187.5	31.0	528.2
2141	Tobacco stemming and redrying <sup>2</sup> .....	6.1	141.4	4.1	8.7	75.5	716.4	2 477.1	3 187.5	31.0	528.2
<b>22</b>	<b>Textile mill products</b> .....	<b>610.1</b>	<b>12 835.9</b>	<b>523.9</b>	<b>1 085.0</b>	<b>9 679.1</b>	<b>30 979.8</b>	<b>43 411.1</b>	<b>73 950.6</b>	<b>2 450.0</b>	<b>8 814.9</b>
221	Broadwoven fabric mills, cotton .....	55.0	1 184.0	49.9	105.5	990.0	2 539.9	3 462.5	5 989.8	222.6	831.7
2211	Broadwoven fabrics mills, cotton .....	55.0	1 184.0	49.9	105.5	990.0	2 539.9	3 462.5	5 989.8	222.6	831.7
222	Broadwoven fabric mills, manmade fiber and silk .....	85.9	1 908.4	75.1	157.3	1 486.8	4 134.3	5 057.4	9 140.2	433.3	1 258.8
2221	Broadwoven fabrics mills, manmade fiber and silk .....	85.9	1 908.4	75.1	157.3	1 486.8	4 134.3	5 057.4	9 140.2	433.3	1 258.8
223	Broadwoven fabric mills, wool .....	13.8	302.0	11.9	26.0	230.5	707.8	971.1	1 681.2	49.6	292.7
2231	Broadwoven fabrics mills, wool .....	13.8	302.0	11.9	26.0	230.5	707.8	971.1	1 681.2	49.6	292.7
224	Narrow fabric mills .....	17.0	332.4	14.6	29.1	238.1	747.5	613.0	1 350.4	39.9	215.1
2241	Narrow fabrics mills .....	17.0	332.4	14.6	29.1	238.1	747.5	613.0	1 350.4	39.9	215.1
225	Knitting mills .....	192.8	3 488.9	168.8	331.9	2 703.3	8 625.7	9 706.9	18 149.9	575.9	2 249.6
2251	Women's hosiery, except socks .....	21.8	353.2	20.0	40.9	291.0	789.8	851.1	1 624.2	71.8	261.4
2252	Hosiery, n.e.c. .....	38.1	624.9	33.6	65.0	483.7	1 264.1	1 401.3	2 650.2	81.0	321.4
2253	Knit outerwear mills .....	52.9	915.0	47.1	89.1	729.2	2 824.7	2 229.0	4 965.3	117.7	706.2
2254	Knit underwear mills .....	16.6	266.6	15.0	27.4	229.6	678.5	529.2	1 162.4	33.8	211.3
2257	Weft knit fabrics mills .....	41.0	836.3	34.3	70.2	613.4	1 973.3	3 232.6	5 199.7	197.1	431.3
2258	Lace and warp knit fabrics mills .....	19.5	433.4	16.3	34.0	313.8	978.5	1 349.5	2 317.4	69.4	284.5
2259	Knitting mills, n.e.c. .....	3.0	59.5	2.5	5.3	42.7	116.8	114.2	230.7	5.1	33.4
226	Textile finishing, except wool .....	50.6	1 168.1	41.6	90.7	845.5	2 901.7	4 676.2	7 581.3	185.0	607.9
2261	Finishing plants, cotton .....	15.2	337.5	12.6	27.8	254.9	826.1	1 952.1	2 780.6	44.4	204.0
2262	Finishing plants, manmade .....	25.2	620.0	20.3	44.4	436.5	1 625.4	2 003.6	3 628.9	112.2	284.1
2269	Finishing plants, n.e.c. .....	10.2	210.5	8.7	18.5	154.1	450.2	720.5	1 171.7	28.4	119.8
227	Carpets and rugs .....	50.6	1 186.0	39.7	85.8	787.5	3 690.0	6 664.3	10 236.9	160.1	1 253.6
2273	Carpets and rugs .....	50.6	1 186.0	39.7	85.8	787.5	3 690.0	6 664.3	10 236.9	160.1	1 253.6
228	Yarn and thread mills .....	89.3	1 791.6	80.7	170.8	1 461.5	3 988.9	7 596.7	11 560.5	433.5	921.8
2281	Yarn spinning mills .....	65.6	1 316.2	59.7	127.1	1 095.3	2 750.6	4 878.5	7 618.1	280.9	574.1
2282	Throwing and winding mills .....	17.2	351.1	15.2	31.5	273.3	900.2	2 187.5	3 076.5	128.4	224.0
2284	Thread mills .....	6.5	124.3	5.8	12.2	92.9	338.0	530.8	865.9	24.3	123.7
229	Miscellaneous textile goods .....	55.2	1 474.5	41.6	87.9	935.9	3 644.1	4 663.1	8 260.3	350.1	1 183.7
2295	Coated fabrics, not rubberized .....	9.9	317.3	7.2	15.1	198.1	696.0	1 088.8	1 773.3	55.8	244.6
2296	Tire cord and fabrics .....	5.3	118.6	4.5	9.1	90.5	263.9	577.2	838.0	72.8	92.5
2297	Nonwoven fabrics .....	16.1	476.3	12.0	24.9	305.8	1 336.0	1 639.1	2 958.7	132.6	394.1
2298	Cordage and twine .....	6.8	147.6	5.2	11.2	89.7	333.0	348.7	682.0	22.4	133.4
2299	Textile goods, n.e.c. .....	17.1	414.6	12.7	27.6	251.9	1 015.2	1 009.2	2 008.3	66.5	319.2
<b>23</b>	<b>Apparel and other textile products</b> .....	<b>979.9</b>	<b>15 626.4</b>	<b>825.1</b>	<b>1 510.0</b>	<b>11 083.8</b>	<b>37 110.6</b>	<b>37 169.4</b>	<b>73 997.1</b>	<b>961.3</b>	<b>10 778.1</b>
231	Men's and boys' suits and coats .....	41.0	686.2	34.5	62.6	521.7	1 521.7	954.3	2 459.1	23.2	476.3
2311	Men's and boys' suits and coats .....	41.0	686.2	34.5	62.6	521.7	1 521.7	954.3	2 459.1	23.2	476.3
232	Men's and boys' furnishings .....	245.3	3 512.5	216.0	392.5	2 705.5	9 181.5	8 176.7	17 298.4	226.7	2 418.5
2321	Men's and boys' shirts .....	72.5	1 039.1	63.9	114.2	788.1	2 409.6	2 573.8	5 002.9	69.8	843.7
2322	Men's and boys' underwear and nightwear .....	11.3	143.2	10.5	18.7	121.1	263.4	313.5	581.1	8.0	72.4
2323	Men's and boys' neckwear .....	6.3	126.0	4.8	8.4	70.8	311.5	304.0	619.3	5.0	91.1
2325	Men's and boys' trousers and slacks .....	76.3	1 118.8	68.1	127.3	907.3	3 647.0	3 014.9	6 603.5	84.3	661.2
2326	Men's and boys' work clothing .....	29.6	393.4	26.0	47.0	304.7	913.6	761.0	1 662.1	22.6	227.6
2329	Men's and boys' clothing, n.e.c. .....	49.3	692.0	42.7	76.9	513.6	1 636.4	1 209.6	2 829.6	37.1	522.7
233	Women's and misses' outerwear .....	325.7	4 993.2	275.3	488.9	3 382.8	11 549.8	11 740.8	23 148.9	164.6	3 430.4
2331	Women's, misses', and juniors' blouses and shirts .....	53.1	832.2	44.8	82.1	572.7	1 968.4	2 037.0	4 016.2	26.0	538.3
2335	Women's, misses', and juniors' dresses .....	87.3	1 279.7	74.6	128.5	861.9	2 957.6	2 666.3	5 606.2	40.0	820.8
2337	Women's, misses', and juniors' suits and coats .....	49.7	872.0	40.0	70.2	536.9	1 975.2	2 532.0	4 487.9	27.5	679.6
2339	Women's, misses', and juniors' outerwear, n.e.c. .....	135.7	2 009.3	115.8	208.0	1 411.4	4 648.6	4 505.5	9 038.6	71.1	1 391.7
234	Women's and children's undergarments .....	52.1	782.9	43.7	79.1	544.8	2 105.5	1 489.9	3 943.9	40.8	744.3
2341	Women's and children's underwear .....	37.9	519.5	32.9	59.1	386.3	1 203.6	964.6	2 151.7	20.8	398.2
2342	Brassieres, girdles, and allied garments .....	14.2	263.5	10.8	20.0	158.5	901.9	884.4	1 792.2	19.9	346.0
235	Hats, caps, and millinery .....	19.9	313.4	16.8	32.3	238.9	598.5	466.0	1 056.5	21.9	201.6
2353	Hats, caps, and millinery .....	19.9	313.4	16.8	32.3	238.9	598.5	466.0	1 056.5	21.9	201.6
236	Girls' and children's outerwear .....	49.3	776.6	39.9	78.0	516.6	1 684.4	1 493.9	3 222.9	25.4	424.9
2361	Girls' and children's dresses and blouses .....	23.3	346.2	18.7	36.1	224.5	710.0	812.0	1 568.2	11.4	221.4
2369	Girls' and children's outerwear, n.e.c. .....	26.1	430.4	21.2	41.9	292.0	974.5	681.9	1 654.7	14.0	203.6
237	Fur goods .....	.9	20.1	.6	1.3	14.8	71.9	114.7	187.3	1.0	25.4
2371	Fur goods .....	.9	20.1	.6	1.3	14.8	71.9	114.7	187.3	1.0	25.4
238	Miscellaneous apparel and accessories .....	33.7	530.6	26.9	47.8	334.8	1 226.6	1 176.2	2 373.0	22.6	469.0
2381	Fabrics dress and work gloves .....	4.3	63.1	3.8	6.2	45.6	153.8	155.4	293.9	6.0	71.7
2384	Robes and dressing gowns .....	5.6	72.9	4.7	8.9	51.7	194.9	216.8	406.3	1.7	63.7
2385	Waterproof outerwear .....	3.4	56.9	2.7	4.8	36.3	129.8	68.7	196.6	1.0	25.3
2386	Leather and sheep-lined clothing .....	2.6	48.7	2.1	4.0	30.2	86.9	138.2	224.2	1.6	41.4
2387	Apparel belts .....	7.6	143.4	5.7	10.7	70.0	325.9	317.8	645.4	3.1	86.7
2389	Apparel and accessories, n.e.c. .....	10.2	145.6	8.0	13.1	101.1	335.4	279.4	606.7	9.3	180.1

See footnotes at end of table.

1992													Standard error of estimate <sup>1</sup> (percent) for column—	SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)	A	F	I		
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)										
K	L	M	N	O	P	Q	R	S	T					
<b>38.1</b>	<b>1 524.5</b>	<b>27.0</b>	<b>51.2</b>	<b>996.1</b>	<b>27 206.7</b>	<b>8 016.0</b>	<b>35 198.5</b>	<b>389.3</b>	<b>6 870.8</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>21</b>	
25.4	1 205.0	18.1	33.0	811.0	24 801.9	4 965.6	29 746.1	322.5	5 837.0	1	1	1	211	
25.4	1 205.0	18.1	33.0	811.0	24 801.9	4 965.6	29 746.1	322.5	5 837.0	1	1	1	2111	
2.6	53.3	2.0	3.9	35.0	190.1	96.6	286.8	3.0	61.8	3	6	35	212	
2.6	53.3	2.0	3.9	35.0	190.1	96.6	286.8	3.0	61.8	3	6	35	2121	
3.2	91.8	2.1	4.1	50.6	1 212.5	398.0	1 608.4	15.1	219.0	2	1	7	213	
3.2	91.8	2.1	4.1	50.6	1 212.5	398.0	1 608.4	15.1	219.0	2	1	7	2131	
6.8	174.2	4.8	10.3	99.4	1 002.3	2 555.8	3 557.1	48.6	753.0	1	1	1	214	
6.8	174.2	4.8	10.3	99.4	1 002.3	2 555.8	3 557.1	48.6	753.0	1	1	1	2141	
<b>614.0</b>	<b>12 328.0</b>	<b>526.7</b>	<b>1 080.7</b>	<b>9 288.0</b>	<b>29 848.2</b>	<b>40 900.7</b>	<b>70 517.6</b>	<b>2 223.9</b>	<b>8 282.8</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>22</b>	
55.9	1 146.8	50.2	105.9	944.2	2 505.0	3 291.9	5 814.0	168.1	802.7	1	1	1	221	
55.9	1 146.8	50.2	105.9	944.2	2 505.0	3 291.9	5 814.0	168.1	802.7	1	1	1	2211	
													222	
87.4	1 860.0	76.9	158.4	1 459.0	4 031.6	4 824.4	8 793.5	357.3	1 181.9	1	1	2	2221	
87.4	1 860.0	76.9	158.4	1 459.0	4 031.6	4 824.4	8 793.5	357.3	1 181.9	1	1	2		
13.7	279.4	11.8	25.3	214.0	690.5	947.0	1 612.4	32.7	298.1	1	3	7	223	
13.7	279.4	11.8	25.3	214.0	690.5	947.0	1 612.4	32.7	298.1	1	3	7	2231	
16.8	324.8	14.3	29.0	235.4	718.8	605.2	1 313.9	50.3	209.6	1	2	10	224	
16.8	324.8	14.3	29.0	235.4	718.8	605.2	1 313.9	50.3	209.6	1	2	10	2241	
193.2	3 343.8	168.5	334.4	2 587.5	8 047.5	9 015.5	16 968.4	525.8	2 019.3	2	2	3	225	
25.3	398.0	22.8	45.8	321.7	893.7	1 843.0	2 442.0	65.0	244.2	8	8	6	2251	
38.1	596.0	33.1	63.6	465.5	1 261.5	1 345.3	2 582.5	66.4	359.0	5	3	8	2252	
53.0	875.8	47.2	92.5	703.1	2 300.0	1 928.9	4 182.3	117.5	555.0	3	2	6	2253	
12.0	190.2	10.8	20.5	156.3	498.8	403.9	891.1	35.5	134.7	2	2	6	2254	
41.7	805.6	35.3	72.3	593.6	1 888.1	3 018.5	4 924.1	159.8	409.6	1	2	3	2257	
20.0	417.6	16.5	34.2	302.9	998.6	1 312.4	2 309.6	75.8	275.0	3	4	9	2258	
3.2	60.7	2.7	5.5	44.3	123.0	112.8	235.8	5.8	41.7	7	5	19	2259	
50.8	1 139.9	41.3	89.9	818.3	2 781.5	4 309.4	7 077.5	188.3	608.7	1	1	2	226	
16.0	343.8	13.1	28.5	257.0	824.5	1 751.6	2 570.4	60.2	241.5	3	2	3	2261	
24.9	599.9	19.8	43.8	417.9	1 530.7	1 909.2	3 432.5	104.4	249.7	1	1	2	2262	
9.9	196.2	8.4	17.6	143.4	426.3	648.7	1 074.6	23.6	117.5	2	3	7	2269	
49.4	1 088.0	38.9	81.7	721.8	3 480.5	6 360.2	9 831.0	144.6	1 160.2	1	1	3	227	
49.4	1 088.0	38.9	81.7	721.8	3 480.5	6 360.2	9 831.0	144.6	1 160.2	1	1	3	2273	
92.2	1 743.9	83.5	169.7	1 420.4	4 061.6	7 230.4	11 277.4	401.5	893.4	2	2	4	228	
68.7	1 288.4	62.6	126.2	1 070.6	2 890.6	4 788.4	7 668.6	294.0	578.0	2	2	6	2281	
17.3	340.1	15.3	31.7	262.5	842.6	1 930.3	2 771.9	85.5	197.0	1	2	2	2282	
6.2	115.4	5.6	11.9	87.3	328.4	511.7	837.0	22.0	118.5	2	3	10	2284	
54.5	1 401.5	41.3	86.3	887.4	3 531.2	4 316.7	7 829.5	355.4	1 108.9	2	2	4	229	
9.2	274.1	6.6	13.8	165.6	613.7	912.0	1 528.1	47.1	216.1	3	6	18	2295	
5.1	112.6	4.4	8.7	86.0	402.6	584.6	981.0	37.2	85.3	1	1	1	2296	
16.8	475.6	12.6	26.0	302.8	1 217.5	1 619.7	2 851.9	166.2	398.4	1	2	4	2297	
6.7	138.7	5.2	10.8	85.7	350.1	324.8	672.7	21.5	129.2	3	4	18	2298	
16.7	400.4	12.6	27.1	247.1	947.2	875.5	1 795.7	83.3	279.9	3	2	6	2299	
<b>984.6</b>	<b>15 299.5</b>	<b>824.1</b>	<b>1 512.7</b>	<b>10 768.3</b>	<b>36 357.6</b>	<b>35 544.3</b>	<b>71 546.6</b>	<b>942.0</b>	<b>9 905.2</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>23</b>	
43.8	720.3	37.2	66.9	533.2	1 372.5	1 024.2	2 426.0	22.2	504.9	2	2	15	231	
43.8	720.3	37.2	66.9	533.2	1 372.5	1 024.2	2 426.0	22.2	504.9	2	2	15	2311	
263.3	3 674.6	230.1	424.8	2 838.3	9 918.1	8 180.6	17 933.9	250.7	2 429.2	2	1	2	232	
84.4	1 205.9	74.3	136.0	930.7	3 181.2	2 853.3	5 915.5	84.5	892.0	3	2	3	2321	
12.8	172.0	11.8	22.2	149.1	398.7	360.6	749.2	6.9	112.9	4	6	7	2322	
7.5	130.2	5.8	10.4	76.9	319.1	301.1	618.2	6.0	111.7	9	6	20	2323	
78.3	1 098.5	69.2	128.4	881.0	3 644.0	2 843.7	6 489.7	92.0	590.0	2	2	3	2325	
32.6	409.6	28.4	52.9	315.8	860.3	708.4	1 572.5	24.9	191.3	5	5	8	2326	
47.9	658.3	40.7	74.9	484.9	1 514.8	1 113.6	2 588.8	36.4	531.3	3	4	6	2329	
303.8	4 552.0	253.9	449.8	3 038.2	10 730.5	10 833.9	21 466.4	200.8	2 615.4	2	1	4	233	
56.2	832.4	47.2	85.3	549.3	1 967.9	2 002.3	3 978.2	38.2	412.2	3	4	11	2331	
83.3	1 204.3	71.0	120.0	816.8	2 813.5	2 608.6	5 352.0	42.3	520.4	3	3	8	2335	
48.6	848.4	38.0	66.9	503.9	2 019.9	2 371.3	4 369.6	31.5	623.7	2	2	13	2337	
115.8	1 666.8	97.7	177.7	1 168.2	3 929.3	3 851.7	7 766.6	88.8	1 059.1	4	2	4	2339	
53.7	798.1	45.5	82.8	557.8	2 194.2	1 755.7	3 943.9	42.1	694.5	2	2	10	234	
41.5	578.3	35.8	65.5	423.0	1 306.7	1 054.6	2 364.6	29.1	432.7	2	3	18	2341	
12.1	219.8	9.7	17.3	134.7	887.5	701.1	1 579.3	12.9	261.9	7	2	2	2342	
18.8	281.4	15.6	29.6	209.7	573.5	436.3	978.4	21.5	180.1	3	4	22	235	
18.8	281.4	15.6	29.6	209.7	573.5	436.3	978.4	21.5	180.1	3	4	22	2353	
53.8	780.7	44.0	82.1	522.5	1 676.6	1 482.6	3 159.5	24.0	466.6	3	5	21	236	
24.2	367.3	19.4	36.9	239.5	803.6	1 625.9	3 036.6	13.2	242.3	3	5	19	2361	
29.5	413.4	24.6	45.2	282.9	849.9	678.9	1 533.5	10.7	224.3	5	8	35	2369	
1.0	23.5	.7	1.3	14.9	81.4	123.7	205.4	1.9	28.6	8	9	14	237	
1.0	23.5	.7	1.3	14.9	81.4	123.7	205.4	1.9	28.6	8	9	14	2371	
35.8	554.0	28.7	51.6	350.0	1 229.4	1 099.9	2 322.4	19.3	448.9	5	4	23	238	
3.9	57.9	3.2	6.0	37.7	148.1	127.0	278.7	2.8	57.3	25	21	25	2381	
6.8	85.9	5.7	10.2	60.0	182.8	192.8	373.5	2.2	62.8	5	5	31	2384	
4.1	64.5	3.2	5.6	40.5	146.0	110.5	268.4	2.5	28.5	2	4	11	2385	
2.5	45.9	2.0	3.7	28.6	92.2	123.8	209.2	1.3	42.4	8	7	35	2386	
8.0	150.6	6.1	11.3	81.3	343.8	305.3	639.6	5.2	113.1	9	7	6	2387	
10.4	149.2	8.5	14.7	101.9	316.5	240.6	552.9	5.4	144.7	7	8	54	2389	

**Table 2. Statistics for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
<b>23</b>	<b>Apparel and other textile products—Con.</b>										
239	Miscellaneous fabricated textile products.....	211.9	4 010.9	171.3	327.7	2 824.0	9 170.8	11 197.9	20 307.0	435.2	2 587.6
2391	Curtains and draperies.....	20.7	311.3	15.6	29.5	214.5	580.6	661.2	1 247.2	16.8	150.4
2392	Housefurnishings, n.e.c.....	51.6	907.7	44.1	86.6	689.9	2 679.4	3 283.0	5 928.2	111.0	913.5
2393	Textile bags.....	11.6	191.9	9.3	19.0	127.2	320.3	404.2	729.2	19.4	119.5
2394	Canvas and related products.....	14.3	291.0	11.3	20.6	182.7	568.9	731.1	1 302.8	26.2	181.0
2395	Pleating and stitching.....	14.6	221.2	11.9	21.9	148.8	362.6	355.2	732.9	17.0	98.8
2396	Automotive and apparel trimmings.....	60.0	1 366.0	47.5	90.4	971.5	2 968.0	3 672.9	6 616.0	165.1	657.6
2397	Schiffli machine embroideries.....	5.6	102.6	4.7	8.7	76.9	180.8	115.8	296.1	4.9	34.5
2399	Fabricated textile products, n.e.c.....	33.6	619.2	27.0	51.1	412.4	1 510.3	1 974.4	3 454.7	74.8	432.2
<b>24</b>	<b>Lumber and wood products</b> .....	<b>687.1</b>	<b>15 035.6</b>	<b>570.0</b>	<b>1 164.7</b>	<b>11 082.0</b>	<b>37 868.4</b>	<b>57 430.2</b>	<b>94 546.9</b>	<b>1 950.7</b>	<b>9 861.8</b>
241	Logging.....	86.8	1 787.6	72.0	139.9	1 378.8	6 035.9	10 348.7	16 335.3	367.2	599.3
2411	Logging.....	86.8	1 787.6	72.0	139.9	1 378.8	6 035.9	10 348.7	16 335.3	367.2	599.3
242	Sawmills and planing mills.....	174.7	3 904.4	151.2	323.1	3 082.0	10 160.3	17 363.9	27 148.6	602.2	3 808.0
2421	Sawmills and planing mills, general.....	141.5	3 289.6	122.3	265.1	2 607.1	8 929.3	15 879.4	24 452.0	548.1	3 368.0
2426	Hardwood dimension and flooring mills.....	31.3	579.6	27.3	54.8	450.4	1 157.0	1 376.6	2 516.1	47.9	412.1
2429	Special product sawmills, n.e.c.....	1.9	35.2	1.6	3.2	24.6	74.1	107.9	180.5	6.2	28.0
243	Millwork, plywood, and structural members.....	231.9	5 328.5	187.1	383.3	3 822.1	11 930.5	16 148.1	27 896.8	503.7	3 140.8
2431	Millwork.....	89.9	2 118.8	72.4	142.9	1 492.6	4 467.3	6 436.2	10 863.6	184.3	1 491.9
2434	Wood kitchen cabinets.....	65.6	1 369.3	51.3	103.4	959.2	2 840.3	2 546.0	5 362.1	89.2	549.6
2435	Hardwood veneer and plywood.....	20.0	421.6	16.9	35.3	302.0	940.2	1 661.4	2 557.2	47.0	410.1
2436	Softwood veneer and plywood.....	30.8	849.5	27.6	63.5	724.8	2 448.2	3 633.0	6 036.7	118.2	414.5
2439	Structural wood members, n.e.c.....	25.6	569.3	18.9	38.2	343.5	1 234.4	1 871.6	3 077.1	65.0	274.7
244	Wood containers.....	41.0	704.5	33.8	67.0	483.2	1 445.4	1 809.7	3 252.0	60.5	294.3
2441	Nailed wood boxes and shooks.....	5.2	119.2	4.1	8.9	75.7	159.6	241.9	405.1	4.9	40.3
2448	Wood pallets and skids.....	30.1	491.8	25.1	49.0	342.8	1 116.7	1 372.6	2 480.8	50.7	196.7
2449	Wood containers, n.e.c.....	5.7	93.5	4.7	9.1	64.7	169.1	195.2	366.2	4.9	57.3
245	Wood buildings and mobile homes.....	62.1	1 452.7	49.6	98.8	975.4	2 977.1	5 063.5	8 029.9	118.3	481.5
2451	Mobile homes.....	42.4	999.4	35.7	71.8	718.6	2 072.4	3 721.5	5 783.3	78.4	256.9
2452	Prefabricated wood buildings.....	19.7	453.3	13.9	27.0	256.8	904.7	1 342.0	2 246.5	39.9	224.6
249	Miscellaneous wood products.....	90.6	1 857.9	76.1	152.7	1 340.5	5 319.3	6 696.3	11 884.3	298.9	1 537.8
2491	Wood preserving.....	11.3	253.9	8.8	17.6	156.5	700.8	2 467.0	3 079.6	52.8	535.4
2493	Reconstituted wood products.....	23.5	658.4	19.1	41.9	490.3	2 410.2	2 255.9	4 663.2	170.6	345.6
2499	Wood products, n.e.c.....	55.8	945.6	48.2	93.2	693.7	2 208.2	1 973.4	4 141.5	75.5	656.8
<b>25</b>	<b>Furniture and fixtures</b> .....	<b>484.5</b>	<b>10 742.3</b>	<b>385.4</b>	<b>765.2</b>	<b>7 188.3</b>	<b>24 101.2</b>	<b>23 435.3</b>	<b>47 348.8</b>	<b>972.5</b>	<b>6 042.1</b>
251	Household furniture.....	257.7	5 003.3	219.0	418.6	3 674.2	11 099.4	11 491.7	22 443.8	401.1	3 287.9
2511	Wood household furniture.....	119.1	2 183.8	105.4	202.1	1 694.3	4 854.0	4 537.9	9 280.5	237.5	1 935.6
2512	Upholstered household furniture.....	81.5	1 617.6	69.4	128.8	1 200.3	3 192.4	3 510.1	6 681.8	70.2	669.9
2514	Metal household furniture.....	23.4	473.5	18.8	35.9	321.0	1 158.2	1 149.2	2 289.3	34.8	376.9
2515	Mattresses and bedsprings.....	23.6	522.3	17.1	34.8	301.7	1 491.6	1 525.1	3 022.3	38.6	203.8
2517	Wood television and radio cabinets.....	4.1	79.7	3.6	7.0	62.2	156.2	167.6	323.3	5.8	37.2
2519	Household furniture, n.e.c.....	6.0	126.4	4.7	10.0	94.8	247.0	601.8	846.5	14.2	64.4
252	Office furniture.....	69.6	1 949.2	52.2	111.0	1 242.2	4 758.8	3 527.3	8 292.4	235.2	872.2
2521	Wood office furniture.....	23.2	549.9	18.6	38.5	368.8	1 094.3	870.5	1 972.0	46.5	281.3
2522	Office furniture, except wood.....	46.4	1 399.2	33.7	72.5	873.4	3 664.5	2 656.8	6 320.5	188.7	590.9
253	Public building and related furniture.....	32.4	776.8	24.5	51.1	485.9	1 797.3	3 222.4	5 017.8	105.4	348.5
2531	Public building and related furniture.....	32.4	776.8	24.5	51.1	485.9	1 797.3	3 222.4	5 017.8	105.4	348.5
254	Partitions and fixtures.....	78.0	1 926.4	57.4	116.7	1 193.8	3 914.9	3 157.1	7 044.2	144.8	899.3
2541	Wood partitions and fixtures.....	40.8	1 002.2	29.6	60.7	619.8	1 902.5	1 474.0	3 365.2	71.5	379.0
2542	Partitions and fixtures, except wood.....	37.2	924.2	27.9	56.0	574.0	2 012.4	1 683.1	3 679.0	73.3	520.3
259	Miscellaneous furniture and fixtures.....	46.8	1 086.6	32.2	67.9	592.1	2 530.8	2 036.7	4 550.5	86.1	634.2
2591	Draperies hardware and blinds and shades.....	18.8	390.9	12.6	26.0	218.4	957.9	959.5	1 914.7	21.9	314.7
2599	Furniture and fixtures, n.e.c.....	28.0	695.8	19.7	41.9	373.7	1 572.9	1 077.2	2 635.9	64.1	319.4
<b>26</b>	<b>Paper and allied products</b> .....	<b>627.4</b>	<b>20 916.7</b>	<b>480.0</b>	<b>1 024.9</b>	<b>14 436.1</b>	<b>59 449.2</b>	<b>74 135.5</b>	<b>133 485.8</b>	<b>7 363.8</b>	<b>13 955.0</b>
261	Pulp mills.....	14.2	625.9	10.8	23.1	448.6	1 722.2	2 487.8	4 278.3	426.0	586.2
2611	Pulp mills.....	14.2	625.9	10.8	23.1	448.6	1 722.2	2 487.8	4 278.3	426.0	586.2
262	Paper mills.....	127.9	5 438.0	98.4	215.2	3 966.3	14 746.2	17 953.4	32 600.3	2 961.4	3 811.8
2621	Paper mills.....	127.9	5 438.0	98.4	215.2	3 966.3	14 746.2	17 953.4	32 600.3	2 961.4	3 811.8
263	Paperboard mills.....	51.6	2 171.5	39.2	87.4	1 542.7	7 445.6	8 366.7	15 790.3	1 537.5	1 273.2
2631	Paperboard mills.....	51.6	2 171.5	39.2	87.4	1 542.7	7 445.6	8 366.7	15 790.3	1 537.5	1 273.2
265	Paperboard containers and boxes.....	200.5	5 920.0	151.7	322.0	3 860.1	12 769.6	20 664.8	33 440.1	974.5	3 389.6
2652	Setup paperboard boxes.....	6.7	134.5	5.3	11.6	92.2	218.1	207.1	430.2	6.6	53.3
2653	Corrugated and solid fiber boxes.....	113.7	3 449.2	82.2	176.5	2 095.5	7 123.0	13 490.6	20 583.6	528.8	1 762.4
2655	Fiber cans, drums, and similar products.....	11.7	335.1	9.4	19.5	245.7	815.3	1 187.7	2 004.1	37.7	167.1
2656	Sanitary food containers.....	15.7	391.5	13.1	25.3	301.3	1 012.8	1 407.2	2 412.8	68.4	365.2
2657	Folding paperboard boxes.....	52.7	1 609.6	41.6	89.1	1 125.4	3 600.4	4 372.2	8 009.4	332.9	1 041.7
267	Miscellaneous converted paper products.....	233.2	6 761.4	179.9	377.2	4 618.4	22 765.6	24 662.8	47 376.8	1 464.5	4 894.2
2671	Paper coated and laminated, packaging.....	18.5	578.4	13.9	29.7	380.2	1 505.7	2 237.5	3 748.6	129.3	487.2
2672	Paper coated and laminated, n.e.c.....	32.8	1 092.7	22.7	49.2	669.5	3 829.7	4 313.9	8 137.5	209.5	798.2
2673	Bags: plastics, laminated, and coated.....	39.4	1 014.9	31.0	66.6	691.6	2 782.7	2 998.1	5 803.0	226.6	594.7
2674	Bags: uncoated paper and multiwall.....	18.8	455.4	15.6	33.2	334.8	1 016.1	1 811.4	2 828.5	31.5	392.5
2675	Die-cut paper and board.....	16.0	406.1	12.6	24.3	263.3	877.8	1 215.7	2 099.8	37.1	222.9
2676	Sanitary paper products.....	39.8	1 449.5	32.6	69.2	1 125.1	8 378.5	7 207.0	15 528.8	634.7	1 030.5
2677	Envelopes.....	24.7	675.0	19.1	39.2	450.8	1 288.6	1 499.3	2 779.8	46.6	298.0
2678	Stationery products.....	9.4	223.3	7.2	13.7	141.4	705.6	790.2	1 482.5	26.2	305.4
2679	Converted paper products, n.e.c.....	33.8	865.9	25.4	52.0	561.7	2 380.8	2 589.6	4 968.4	122.9	762.2

See footnotes at end of table.



1992											Standard error of estimate <sup>1</sup> (percent) for column—			SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)					
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						P	Q	R	S	T
K	L	M	N	O										
														<b>23</b>
210.5	3 915.0	168.4	323.9	2 703.8	8 581.4	10 607.3	19 110.7	359.5	2 536.9	2	2	5	239	
21.8	337.3	16.7	31.2	218.9	593.3	690.2	1 284.1	16.1	198.6	5	5	27	2391	
52.0	870.3	44.3	87.8	643.5	2 374.2	3 269.6	5 614.3	83.6	891.4	2	2	9	2392	
11.9	185.9	9.6	19.0	123.2	336.2	443.4	778.5	12.0	121.1	6	7	44	2393	
14.2	275.3	10.4	19.7	166.6	578.8	538.6	1 107.8	19.2	157.0	9	8	34	2394	
13.7	205.0	11.0	20.7	138.8	383.3	355.4	726.6	22.8	102.3	4	8	41	2395	
57.1	1 334.3	44.5	84.5	941.8	2 721.2	3 399.2	6 093.1	139.7	624.1	2	2	8	2396	
5.5	100.2	4.6	8.6	73.0	186.0	124.6	3 11.3	6.7	31.6	1	10	23	2397	
34.3	606.7	27.2	52.6	398.0	1 408.4	1 786.3	3 195.0	59.4	410.8	4	4	8	2399	
<b>657.5</b>	<b>13 904.4</b>	<b>541.3</b>	<b>1 091.0</b>	<b>10 219.1</b>	<b>33 235.0</b>	<b>48 706.8</b>	<b>81 764.8</b>	<b>1 761.8</b>	<b>8 023.6</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>24</b>	
83.6	1 693.1	69.4	131.2	1 306.9	5 119.3	8 763.3	13 844.5	375.5	493.9	2	2	6	241	
83.6	1 693.1	69.4	131.2	1 306.9	5 119.3	8 763.3	13 844.5	375.5	493.9	2	2	6	2411	
168.4	3 578.7	144.3	301.8	2 810.0	8 839.5	14 431.9	23 237.1	509.6	2 939.0	2	2	6	242	
138.1	3 045.5	118.0	249.1	2 399.3	7 783.6	13 311.1	21 065.9	457.1	2 595.3	2	2	6	2421	
28.5	501.9	24.8	49.9	387.1	993.9	1 037.3	2 027.2	47.8	324.2	3	4	17	2426	
1.8	31.3	1.5	2.8	23.6	62.0	83.5	144.0	4.8	19.5	14	26	63	2429	
224.8	5 028.6	181.7	370.8	3 628.0	10 853.1	13 992.9	24 773.1	468.0	2 596.2	1	1	3	243	
86.3	1 983.9	68.8	136.9	1 395.9	4 048.4	5 627.6	9 639.8	190.7	1 284.7	2	2	6	2431	
62.8	1 307.5	49.8	99.7	926.6	2 728.3	2 214.7	4 933.5	89.1	488.8	3	2	5	2434	
20.1	394.7	17.0	35.1	285.0	856.4	1 401.9	2 247.5	47.0	331.1	3	2	9	2435	
31.3	827.4	28.0	63.5	704.7	2 185.9	3 265.3	5 447.0	98.7	294.0	2	2	5	2436	
24.3	515.1	18.1	35.7	315.9	1 034.2	1 483.5	2 505.3	42.5	197.5	2	4	5	2439	
39.9	640.1	32.5	62.5	436.7	1 314.9	1 617.6	2 930.5	66.7	263.4	2	2	9	244	
5.9	101.2	4.7	9.1	67.1	189.3	255.8	444.0	7.8	49.3	8	7	40	2441	
28.7	449.4	23.4	44.8	311.0	961.4	1 183.8	2 143.3	52.8	154.2	3	3	9	2448	
5.4	89.4	4.4	8.6	58.6	164.2	178.0	343.3	6.1	59.9	3	4	19	2449	
56.1	1 227.3	44.3	86.6	820.3	2 491.9	4 098.0	6 587.4	75.3	432.5	2	1	5	245	
37.0	813.2	30.9	61.5	578.3	1 644.5	2 891.2	4 531.8	51.1	225.7	2	4	4	2451	
19.0	414.1	13.4	25.1	242.0	847.4	1 206.8	2 055.6	24.2	206.9	4	2	10	2452	
84.6	1 736.5	69.1	138.1	1 217.1	4 616.3	5 803.1	10 392.2	266.6	1 298.6	2	3	7	249	
10.8	232.8	8.3	17.2	150.4	678.5	2 046.7	2 694.8	56.2	458.4	2	7	18	2491	
22.8	614.3	18.5	39.9	458.8	1 930.7	2 029.8	3 980.6	142.8	302.3	1	1	5	2493	
51.1	889.4	42.3	81.0	607.9	2 007.0	1 726.6	3 716.8	67.7	537.9	3	6	21	2499	
<b>472.6</b>	<b>10 220.6</b>	<b>373.6</b>	<b>749.4</b>	<b>6 760.8</b>	<b>22 824.1</b>	<b>20 909.9</b>	<b>43 689.4</b>	<b>814.2</b>	<b>5 712.1</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>25</b>	
256.9	4 862.0	216.2	420.0	3 502.3	10 590.0	10 181.2	20 693.3	353.6	3 061.1	2	2	3	251	
121.1	2 173.5	105.3	205.7	1 645.8	4 726.2	4 055.4	8 737.0	179.4	1 779.4	4	3	5	2511	
79.2	1 535.2	67.1	128.9	1 118.4	3 009.9	3 236.6	6 223.3	73.6	636.5	2	1	3	2512	
23.8	468.8	18.9	36.6	308.2	1 084.7	1 044.1	2 111.7	36.8	370.6	3	3	4	2514	
22.6	488.0	16.4	33.2	283.8	1 404.5	1 436.0	2 842.6	31.2	196.5	3	4	15	2515	
4.5	83.5	3.9	7.6	63.3	171.6	153.1	327.7	3.9	38.7	7	6	1	2517	
5.6	113.0	4.7	8.0	82.8	193.0	256.0	451.2	10.8	39.4	3	2	23	2519	
67.9	1 866.9	50.4	108.4	1 174.2	4 633.9	3 359.4	8 007.7	201.5	875.6	2	1	3	252	
23.4	529.1	18.5	38.4	349.9	1 101.0	853.8	1 964.6	37.4	302.8	3	4	13	2521	
44.5	1 337.7	31.9	70.0	824.3	3 533.0	2 505.6	6 043.1	164.1	572.8	3	1	2	2522	
28.9	677.9	21.4	44.5	414.6	1 607.1	2 529.4	4 135.2	69.0	327.5	5	5	10	253	
28.9	677.9	21.4	44.5	414.6	1 607.1	2 529.4	4 135.2	69.0	327.5	5	5	10	2531	
74.2	1 814.0	54.5	113.1	1 119.2	3 637.0	2 932.0	6 578.6	114.9	846.6	2	3	16	254	
39.4	950.3	28.5	58.5	583.0	1 747.4	1 369.6	3 132.7	48.5	372.1	2	3	30	2541	
34.8	863.8	26.0	54.6	536.2	1 889.6	1 562.4	3 445.9	66.3	474.5	3	5	11	2542	
44.7	999.9	31.1	63.5	550.5	2 356.1	1 908.0	4 274.6	75.2	601.3	3	2	15	259	
19.4	395.5	13.0	26.3	220.4	959.9	941.2	1 915.6	27.6	306.2	3	4	15	2591	
25.3	604.5	18.1	37.2	330.1	1 396.3	966.8	2 359.0	47.6	295.1	4	2	19	2599	
<b>625.9</b>	<b>20 477.1</b>	<b>478.4</b>	<b>1 017.9</b>	<b>14 051.5</b>	<b>60 122.7</b>	<b>73 106.7</b>	<b>133 062.4</b>	<b>7 950.4</b>	<b>13 823.7</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>26</b>	
15.9	689.1	12.1	26.3	501.6	2 554.7	2 957.7	5 465.6	772.3	738.7	2	2	2	261	
15.9	689.1	12.1	26.3	501.6	2 554.7	2 957.7	5 465.6	772.3	738.7	2	2	2	2611	
130.6	5 420.5	100.4	215.2	3 916.7	14 847.7	17 971.4	32 786.4	2 911.5	3 689.2	1	1	1	262	
130.6	5 420.5	100.4	215.2	3 916.7	14 847.7	17 971.4	32 786.4	2 911.5	3 689.2	1	1	1	2621	
51.5	2 136.4	39.4	88.4	1 535.0	8 195.3	8 013.4	16 140.0	2 040.7	1 221.8	1	1	2	263	
51.5	2 136.4	39.4	88.4	1 535.0	8 195.3	8 013.4	16 140.0	2 040.7	1 221.8	1	1	2	2631	
198.8	5 706.1	150.7	321.1	3 687.1	12 378.6	20 204.6	32 571.2	882.8	3 438.9	1	2	3	265	
6.6	129.2	5.1	10.7	84.7	240.3	197.5	435.7	10.0	52.5	2	17	29	2652	
111.7	3 263.9	80.9	173.1	1 970.4	6 738.4	13 079.2	19 789.9	461.0	1 762.4	1	2	3	2653	
12.4	337.1	10.1	21.6	244.2	783.1	1 138.3	1 922.1	46.7	172.0	7	4	9	2655	
15.4	385.9	12.8	25.8	294.7	1 051.8	1 431.6	2 490.8	69.3	371.2	1	2	2	2656	
52.7	1 590.1	41.7	90.0	1 093.2	3 565.0	4 358.0	7 932.7	295.7	1 080.7	3	3	8	2657	
229.1	6 525.0	175.8	366.9	4 411.1	22 146.5	23 959.6	46 099.3	1 343.2	4 735.0	1	1	2	267	
17.3	533.9	12.9	27.8	348.1	1 427.4	2 068.8	3 508.0	129.4	462.6	3	3	8	2671	
32.4	1 041.6	22.1	47.9	623.1	3 551.2	4 144.1	7 688.3	270.1	774.4	1	1	2	2672	
38.7	988.7	30.5	64.7	673.7	2 853.7	2 871.4	5 708.2	185.6	627.3	1	1	8	2673	
18.6	438.3	15.5	32.0	325.1	1 024.3	1 846.0	2 846.0	55.1	395.2	1	2	3	2674	
15.6	375.2	12.4	25.0	248.1	845.4	1 168.1	2 011.1	52.6	243.4	6	6	10	2675	
40.5	1 451.1	32.7	68.1	1 095.2	8 220.4	7 369.9	15 622.7	418.5	944.7	1	1	1	2676	
24.9	672.3	19.0	39.0	445.1	1 361.7	1 488.4	2 854.1	55.3	294.8	1	1	8	2677	
9.5	220.9	7.0	13.6	138.1	694.7	730.7	1 423.7	28.0	281.5	2	2	8	2678	
31.6	802.9	23.6	48.7	514.7	2 167.7	2 294.1	4 437.2	148.5	711.1	3	2	9	2679	

**Table 2. Statistics for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
<b>27</b>	<b>Printing and publishing -----</b>	<b>1 497.2</b>	<b>42 078.8</b>	<b>785.1</b>	<b>1 549.0</b>	<b>18 496.7</b>	<b>116 919.8</b>	<b>55 784.6</b>	<b>172 736.8</b>	<b>4 873.6</b>	<b>11 987.4</b>
271	Newspapers -----	411.7	10 429.9	132.8	225.7	2 904.8	28 018.5	6 905.3	34 923.6	1 262.6	754.9
2711	Newspapers -----	411.7	10 429.9	132.8	225.7	2 904.8	28 018.5	6 905.3	34 923.6	1 262.6	754.9
272	Periodicals -----	118.6	4 307.1	19.6	37.1	465.5	16 298.8	6 371.3	22 657.6	290.7	1 089.8
2721	Periodicals -----	118.6	4 307.1	19.6	37.1	465.5	16 298.8	6 371.3	22 657.6	290.7	1 089.8
273	Books -----	132.2	4 169.8	56.1	112.2	1 359.7	15 556.9	7 659.2	23 293.0	455.8	3 350.0
2731	Book publishing -----	82.5	2 797.2	18.0	34.4	445.0	12 660.9	5 769.4	18 496.5	282.0	2 947.2
2732	Book printing -----	49.6	1 372.6	38.2	77.7	914.6	2 896.0	1 889.8	4 796.5	173.8	402.8
274	Miscellaneous publishing -----	66.3	1 883.4	22.9	42.9	446.1	9 200.3	2 598.9	11 796.5	138.6	956.3
2741	Miscellaneous publishing -----	66.3	1 883.4	22.9	42.9	446.1	9 200.3	2 598.9	11 796.5	138.6	956.3
275	Commercial printing -----	572.6	15 825.7	415.0	854.4	9 982.1	32 867.2	25 368.7	58 240.4	2 238.2	3 911.3
2752	Commercial printing, lithographic -----	438.4	12 311.8	319.7	655.8	7 824.0	25 449.0	19 347.1	44 790.9	1 682.2	2 782.9
2754	Commercial printing, gravure -----	21.5	723.5	18.0	39.3	568.3	1 724.0	1 756.2	3 492.0	176.2	258.6
2759	Commercial printing, n.e.c. -----	112.7	2 790.5	77.3	159.3	1 589.9	5 694.2	4 265.4	9 957.5	379.7	869.8
276	Manifold business forms -----	46.8	1 327.8	32.8	67.0	861.8	3 938.4	3 542.7	7 478.2	144.7	765.0
2761	Manifold business forms -----	46.8	1 327.8	32.8	67.0	861.8	3 938.4	3 542.7	7 478.2	144.7	765.0
277	Greeting cards -----	22.3	611.1	12.2	20.7	236.6	3 453.1	800.1	4 220.3	53.8	494.8
2771	Greeting cards -----	22.3	611.1	12.2	20.7	236.6	3 453.1	800.1	4 220.3	53.8	494.8
278	Blankbooks and bookbinding -----	63.2	1 401.9	48.5	96.3	914.3	3 565.5	1 453.7	5 024.5	111.8	432.7
2782	Blankbooks and looseleaf binders -----	37.6	877.1	27.0	53.1	545.6	2 608.8	1 153.5	3 769.2	86.8	303.1
2789	Bookbinding and related work -----	25.6	524.8	21.5	43.2	368.7	956.7	300.3	1 255.3	24.9	129.6
279	Printing trade services -----	63.5	2 122.2	45.2	92.7	1 325.7	4 021.2	1 084.6	5 102.8	177.5	232.6
2791	Typesetting -----	25.3	673.7	19.1	37.7	449.8	1 300.7	318.2	1 618.0	48.9	87.7
2796	Platemaking services -----	38.2	1 448.5	26.0	55.0	875.9	2 720.5	766.4	3 484.8	128.6	144.9
<b>28</b>	<b>Chemicals and allied products -----</b>	<b>841.0</b>	<b>33 091.7</b>	<b>473.6</b>	<b>999.4</b>	<b>15 616.3</b>	<b>170 880.0</b>	<b>144 093.8</b>	<b>314 743.8</b>	<b>15 679.0</b>	<b>36 119.8</b>
281	Industrial inorganic chemicals -----	93.8	3 888.9	49.7	108.1	1 830.6	15 862.4	10 507.5	26 360.9	1 179.1	2 445.1
2812	Alkalies and chlorine -----	7.8	355.5	5.3	11.2	235.1	1 093.6	1 425.2	2 480.9	181.5	247.0
2813	Industrial gases -----	7.8	275.2	4.1	8.9	133.7	2 353.6	1 092.7	3 435.7	163.7	86.8
2816	Inorganic pigments -----	8.7	336.2	5.6	12.1	207.3	1 960.6	1 322.3	3 275.7	149.1	538.8
2819	Industrial inorganic chemicals, n.e.c. -----	69.5	2 922.0	34.6	75.9	1 254.4	10 454.6	6 666.4	17 168.6	684.9	1 572.5
282	Plastics materials and synthetics -----	125.6	5 112.5	83.9	179.6	3 035.1	20 992.2	28 396.7	49 473.0	3 305.8	5 573.9
2821	Plastics materials and resins -----	62.0	2 793.7	36.5	80.7	1 513.6	11 936.5	19 473.4	31 501.6	1 925.4	3 475.5
2822	Synthetic rubber -----	11.9	542.3	7.7	16.2	312.4	2 089.7	2 573.7	4 676.6	251.5	644.8
2823	Cellulosic manmade fibers -----	9.3	301.2	7.2	15.4	203.8	944.7	800.8	1 744.6	207.5	199.8
2824	Organic fibers, noncellulosic -----	42.3	1 475.4	32.6	67.2	1 005.3	6 021.2	5 548.8	11 550.2	921.4	1 253.8
283	Drugs -----	201.7	8 507.7	94.5	191.3	3 020.5	51 264.3	19 905.6	70 823.1	4 043.2	9 276.4
2833	Medicinals and botanicals -----	12.9	606.6	7.6	16.1	317.6	3 151.3	2 709.3	5 837.4	482.4	992.1
2834	Pharmaceutical preparations -----	130.7	5 412.4	62.8	126.3	1 995.3	39 387.3	14 095.7	53 223.0	2 489.3	6 301.7
2835	Diagnostic substances -----	39.3	1 758.4	14.9	30.8	481.0	5 249.8	1 618.9	6 853.6	666.5	1 033.4
2836	Biological products, except diagnostic -----	18.9	730.3	9.2	18.0	226.7	3 475.9	1 481.7	4 909.1	405.1	949.3
284	Soaps, cleaners, and toilet goods -----	124.9	4 082.7	74.8	154.9	1 898.5	28 609.6	18 439.3	47 052.5	1 320.2	4 624.3
2841	Soap and other detergents -----	31.4	1 149.3	18.0	38.3	576.3	8 240.6	7 192.6	15 491.4	513.8	1 283.8
2842	Polishes and sanitation goods -----	22.9	709.4	13.9	27.3	325.7	5 148.5	2 971.3	8 099.8	130.4	644.8
2843	Surface active agents -----	8.6	358.6	4.3	9.4	150.1	1 574.4	2 090.8	3 665.5	203.4	392.6
2844	Toilet preparations -----	62.0	1 865.3	38.7	79.9	846.3	13 646.2	6 184.7	19 795.8	472.6	2 303.1
285	Paints and allied products -----	50.2	1 696.1	25.9	53.4	693.2	7 716.1	8 286.8	16 017.2	256.3	1 782.9
2851	Paints and allied products -----	50.2	1 696.1	25.9	53.4	693.2	7 716.1	8 286.8	16 017.2	256.3	1 782.9
286	Industrial organic chemicals -----	123.7	5 602.8	73.1	159.9	2 992.6	26 786.1	37 376.7	64 206.2	4 063.1	7 730.8
2861	Gum and wood chemicals -----	2.6	72.1	2.0	4.2	47.7	362.1	373.7	738.8	33.4	145.0
2865	Cyclic crudes and intermediates -----	23.3	1 028.0	13.4	28.9	527.9	3 709.4	6 455.7	10 174.4	669.5	1 458.2
2869	Industrial organic chemicals, n.e.c. -----	97.8	4 502.7	57.7	126.8	2 417.0	22 714.6	30 547.3	53 293.1	3 360.3	6 127.5
287	Agricultural chemicals -----	39.2	1 447.5	24.7	54.1	792.1	9 039.7	9 830.1	18 903.4	725.9	2 256.2
2873	Nitrogenous fertilizers -----	7.0	270.4	4.7	10.3	165.9	1 341.6	2 118.8	3 467.1	186.0	392.4
2874	Phosphatic fertilizers -----	9.4	333.0	6.6	14.6	213.4	976.3	2 628.4	3 651.3	149.9	384.1
2875	Fertilizers, mixing only -----	6.7	178.9	4.3	9.4	87.7	720.4	1 572.3	2 269.9	33.9	302.1
2879	Agricultural chemicals, n.e.c. -----	16.1	665.2	9.1	19.8	325.0	6 001.5	3 510.5	9 515.1	356.1	1 177.5
289	Miscellaneous chemical products -----	81.9	2 753.5	47.1	98.3	1 353.7	10 609.5	11 351.3	21 907.5	785.2	2 430.2
2891	Adhesives and sealants -----	20.9	687.4	11.5	24.6	310.0	2 766.8	3 125.8	5 874.6	187.0	567.0
2892	Explosives -----	10.1	315.9	6.9	13.3	182.7	787.4	395.5	1 176.7	49.1	133.9
2893	Printing ink -----	12.0	404.1	6.8	14.2	196.7	1 137.9	2 086.0	3 215.2	55.8	364.8
2895	Carbon black -----	1.8	74.7	1.2	2.8	51.1	402.9	300.4	701.8	33.3	65.6
2899	Chemical preparations, n.e.c. -----	37.0	1 271.4	20.7	43.5	613.3	5 514.5	5 443.5	10 939.1	460.0	1 298.9
<b>29</b>	<b>Petroleum and coal products -----</b>	<b>113.7</b>	<b>5 135.8</b>	<b>74.0</b>	<b>164.3</b>	<b>3 054.3</b>	<b>23 913.5</b>	<b>119 863.0</b>	<b>144 714.9</b>	<b>6 303.9</b>	<b>9 931.4</b>
291	Petroleum refining -----	73.2	3 734.3	47.3	106.5	2 240.6	18 575.6	110 299.2	129 856.1	5 985.8	8 614.6
2911	Petroleum refining -----	73.2	3 734.3	47.3	106.5	2 240.6	18 575.6	110 299.2	129 856.1	5 985.8	8 614.6
295	Asphalt paving and roofing materials -----	26.3	891.9	19.0	41.8	589.2	3 210.3	5 347.7	8 544.4	204.1	600.7
2951	Asphalt paving mixtures and blocks -----	13.4	450.8	9.7	20.8	304.4	1 576.2	2 808.6	4 371.4	130.5	282.1
2952	Asphalt felts and coatings -----	12.9	441.0	9.3	21.0	284.7	1 634.0	2 539.1	4 173.0	73.6	318.6
299	Miscellaneous petroleum and coal products -----	14.3	509.7	7.7	15.9	224.6	2 127.7	4 216.1	6 314.3	114.0	716.1
2992	Lubricating oils and greases -----	12.1	433.0	6.1	13.0	176.2	1 697.1	3 587.6	5 258.3	90.8	580.2
2999	Petroleum and coal products, n.e.c. -----	2.2	76.7	1.6	2.9	48.4	430.6	628.5	1 056.0	23.3	135.9

See footnotes at end of table.

1992													Standard error of estimate <sup>1</sup> (percent) for column—	SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)	A	F	I		
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)										
K	L	M	N	O	P	Q	R	S	T					
<b>1 500.0</b>	<b>41 263.1</b>	<b>789.3</b>	<b>1 564.1</b>	<b>18 520.2</b>	<b>112 883.2</b>	<b>53 884.7</b>	<b>166 797.6</b>	<b>5 378.8</b>	<b>11 808.3</b>	<b>1</b>	<b>1</b>	<b>2 27</b>		
417.0	10 506.4	135.3	235.8	3 038.8	27 247.0	6 874.0	34 124.3	1 667.4	767.4	1	1	3 271		
417.0	10 506.4	135.3	235.8	3 038.8	27 247.0	6 874.0	34 124.3	1 667.4	767.4	1	1	3 2711		
116.2	4 074.5	20.1	39.0	522.5	15 833.0	6 200.9	22 033.9	234.4	1 066.7	1	1	4 272		
116.2	4 074.5	20.1	39.0	522.5	15 833.0	6 200.9	22 033.9	234.4	1 066.7	1	1	4 2721		
130.5	4 036.4	57.4	111.7	1 367.2	14 328.0	7 206.1	21 419.0	524.9	3 363.1	2	2	4 273		
79.6	2 675.7	18.6	35.5	443.3	11 494.4	5 337.7	16 731.1	326.7	2 944.1	1	2	5 2731		
50.9	1 360.7	38.8	76.2	923.9	2 833.6	1 868.4	4 687.9	198.2	419.1	3	2	5 2732		
65.4	1 732.9	23.7	43.3	467.8	8 524.9	2 476.7	10 977.1	190.4	902.4	2	2	5 274		
65.4	1 732.9	23.7	43.3	467.8	8 524.9	2 476.7	10 977.1	190.4	902.4	2	2	5 2741		
568.7	15 370.7	409.2	846.1	9 702.6	31 975.0	24 374.9	56 438.9	2 144.3	3 827.4	1	1	3 275		
439.9	12 047.5	317.4	653.0	7 679.0	24 842.5	18 723.1	43 588.2	1 629.4	2 724.8	1	1	4 2752		
21.5	726.2	17.9	38.8	561.9	1 690.9	1 860.9	3 560.5	170.4	274.0	1	1	3 2754		
107.3	2 596.9	73.9	154.4	1 461.7	5 441.6	3 790.9	9 290.2	344.5	828.7	2	2	9 2759		
47.9	1 343.2	33.6	69.3	873.0	3 924.7	3 499.9	7 435.9	160.7	753.0	1	1	7 276		
47.9	1 343.2	33.6	69.3	873.0	3 924.7	3 499.9	7 435.9	160.7	753.0	1	1	7 2761		
22.8	585.1	11.8	21.1	227.1	3 393.5	743.0	4 195.6	85.7	456.0	1	1	5 277		
22.8	585.1	11.8	21.1	227.1	3 393.5	743.0	4 195.6	85.7	456.0	1	1	5 2771		
66.8	1 481.0	52.0	102.0	973.9	3 676.0	1 433.3	5 109.4	143.8	428.4	2	2	6 278		
39.1	932.1	29.3	57.1	582.7	2 658.7	1 123.9	3 788.1	102.0	300.2	2	2	7 2782		
27.7	548.9	22.7	44.9	391.2	1 017.3	309.3	1 321.3	41.8	128.2	5	3	16 2789		
64.8	2 133.0	46.1	95.9	1 347.3	3 981.2	1 075.9	5 063.4	227.2	243.6	2	2	6 279		
26.1	687.6	19.7	39.4	463.4	1 323.6	286.3	1 611.9	60.9	89.1	3	3	10 2791		
38.7	1 445.4	26.4	56.5	883.9	2 657.5	789.6	3 451.5	166.3	154.5	2	2	7 2796		
<b>848.2</b>	<b>32 495.2</b>	<b>479.0</b>	<b>1 007.5</b>	<b>15 391.2</b>	<b>164 412.3</b>	<b>141 790.3</b>	<b>305 371.3</b>	<b>16 384.1</b>	<b>35 453.8</b>	<b>1</b>	<b>1</b>	<b>1 28</b>		
103.5	4 233.2	55.0	120.3	2 000.9	16 710.1	10 694.5	27 357.2	1 553.8	2 437.3	1	1	2 281		
8.0	353.3	5.4	11.3	232.0	1 408.1	1 393.4	2 786.9	176.2	213.7	1	1	1 2812		
7.7	261.8	4.2	9.1	133.3	2 076.2	1 012.2	3 095.7	146.3	65.5	1	1	1 2813		
8.6	347.7	5.6	12.4	211.2	2 017.6	1 326.0	3 305.6	508.9	524.9	1	1	1 2816		
79.1	3 270.5	39.8	87.5	1 424.5	11 208.2	6 962.9	18 169.1	722.5	1 633.2	1	1	4 2819		
127.5	5 102.7	85.0	182.1	3 014.9	20 842.9	27 469.7	48 349.8	2 839.7	5 637.4	1	1	2 282		
60.4	2 671.6	35.9	78.5	1 468.6	12 494.7	18 839.8	31 303.9	1 707.3	3 576.1	1	1	3 2821		
11.7	513.1	7.5	15.9	298.0	1 865.4	2 342.6	4 184.1	318.2	586.9	1	1	1 2822		
11.0	372.8	7.8	16.7	219.0	820.9	950.3	1 748.1	92.8	208.2	1	1	1 2823		
44.4	1 545.2	33.9	71.1	1 029.3	5 662.0	5 337.1	11 113.7	721.3	1 266.2	1	1	2 2824		
194.0	7 822.0	92.6	186.6	2 754.3	48 545.8	19 803.1	67 668.2	3 882.0	8 944.0	1	1	1 283		
13.0	587.1	7.4	15.1	285.6	3 365.7	3 245.9	6 438.5	550.5	934.3	1	1	1 2833		
122.8	4 949.4	62.5	126.9	1 866.5	37 229.3	13 542.5	50 417.9	2 450.0	6 151.2	1	1	1 2834		
39.8	1 658.3	14.6	29.5	413.8	5 196.1	1 701.2	6 837.8	587.3	1 105.5	1	1	2 2835		
18.4	627.2	8.0	15.1	188.4	2 754.6	1 313.5	3 974.0	294.3	753.0	2	1	1 2836		
123.2	3 941.8	74.8	152.8	1 883.0	26 277.0	16 724.3	43 054.6	1 292.5	4 500.9	1	1	3 284		
32.9	1 175.9	20.0	41.0	608.7	7 723.3	6 960.1	14 760.9	571.4	1 366.7	2	2	5 2841		
22.0	662.4	13.4	27.2	322.1	4 214.9	2 463.4	6 676.2	121.5	559.2	2	2	7 2842		
8.2	320.3	4.2	9.0	134.5	1 171.5	1 689.5	2 864.0	92.4	334.9	2	2	5 2843		
60.1	1 783.3	37.2	75.6	817.7	13 167.2	5 611.3	18 753.5	507.3	2 239.4	1	2	6 2844		
51.2	1 711.4	25.7	53.2	676.5	7 158.7	7 806.2	14 973.7	290.2	1 759.2	1	1	5 285		
51.2	1 711.4	25.7	53.2	676.5	7 158.7	7 806.2	14 973.7	290.2	1 759.2	1	1	5 2851		
124.8	5 507.1	72.5	159.3	2 953.2	26 223.6	38 524.0	64 561.6	4 800.1	7 715.9	1	1	1 286		
2.5	67.8	1.9	4.0	47.0	379.0	352.1	734.6	42.8	133.2	4	13	10 2861		
22.2	934.6	13.2	29.1	497.5	3 333.0	6 311.4	9 572.8	540.7	1 394.2	2	3	2 2865		
100.1	4 504.8	57.4	126.3	2 408.8	22 511.7	31 860.6	54 254.2	4 216.6	6 188.4	1	1	1 2869		
40.3	1 451.7	25.2	55.5	775.2	8 661.6	10 156.6	18 847.5	988.6	2 170.6	2	1	2 287		
7.0	257.6	4.7	10.1	158.1	1 262.5	1 871.7	3 174.6	208.8	407.1	1	1	3 2873		
9.5	342.1	6.7	15.8	218.4	1 245.5	3 076.4	4 332.8	307.7	383.9	1	1	5 2874		
6.9	181.9	4.2	9.4	83.7	634.1	1 562.7	2 188.8	43.7	270.3	5	4	6 2875		
16.9	670.2	9.6	20.2	315.0	5 519.5	3 645.8	9 151.4	428.4	1 109.3	2	2	2 2879		
83.8	2 725.2	48.2	97.7	1 333.0	9 992.5	10 611.8	20 558.7	737.1	2 288.5	2	2	4 289		
21.1	677.8	11.6	24.5	304.1	2 643.0	3 016.9	5 659.0	189.6	539.8	2	3	5 2891		
11.4	338.6	7.5	13.4	198.7	851.7	402.1	1 252.0	31.7	116.8	8	12	21 2892		
12.3	407.4	6.5	13.1	185.0	1 114.0	1 973.0	3 075.1	46.0	346.4	3	4	19 2893		
1.9	73.7	1.2	2.7	46.1	320.4	286.8	606.8	28.7	64.9	1	3	9 2895		
37.1	1 227.7	21.4	44.0	599.1	5 063.4	4 933.0	9 965.8	441.1	1 220.6	4	2	5 2899		
<b>114.4</b>	<b>4 965.7</b>	<b>73.6</b>	<b>165.4</b>	<b>2 922.3</b>	<b>23 799.7</b>	<b>125 868.1</b>	<b>149 941.1</b>	<b>6 539.0</b>	<b>10 945.4</b>	<b>1</b>	<b>1</b>	<b>1 29</b>		
74.8	3 636.3	47.9	109.3	2 157.3	19 100.6	116 908.0	136 239.0	6 139.7	9 721.7	1	1	1 291		
74.8	3 636.3	47.9	109.3	2 157.3	19 100.6	116 908.0	136 239.0	6 139.7	9 721.7	1	1	1 2911		
25.6	846.2	18.3	40.3	551.8	2 966.8	4 763.9	7 748.8	180.5	547.0	1	3	17 295		
13.2	433.8	9.3	20.0	284.7	1 416.1	2 405.2	3 835.8	111.4	239.8	2	6	26 2951		
12.4	412.5	9.0	20.3	267.1	1 550.6	2 358.7	3 913.0	69.1	307.1	1	2	6 2952		
13.9	483.2	7.4	15.8	213.3	1 732.3	4 196.2	5 953.2	218.8	676.8	2	3	4 299		
11.8	413.9	6.0	12.5	170.2	1 388.2	3 691.8	5 103.5	197.2	561.3	2	2	4 2992		
2.1	69.3	1.4	3.3	43.1	344.1	504.3	849.7	21.6	115.6	4	9	12 2999		

**Table 2. Statistics for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
<b>30</b>	<b>Rubber and miscellaneous plastics products</b>	<b>938.7</b>	<b>24 512.0</b>	<b>725.9</b>	<b>1 475.4</b>	<b>16 020.2</b>	<b>63 378.1</b>	<b>59 635.8</b>	<b>122 776.2</b>	<b>4 994.6</b>	<b>13 075.7</b>
301	Tires and inner tubes	65.1	2 594.8	53.3	109.4	2 038.0	7 124.2	5 487.2	12 594.5	489.6	971.3
3011	Tires and inner tubes	65.1	2 594.8	53.3	109.4	2 038.0	7 124.2	5 487.2	12 594.5	489.6	971.3
302	Rubber and plastics footwear	12.0	201.4	10.0	20.7	140.8	409.5	377.2	796.4	13.5	153.1
3021	Rubber and plastics footwear	12.0	201.4	10.0	20.7	140.8	409.5	377.2	796.4	13.5	153.1
305	Hose and belting and gaskets and packing	55.0	1 470.1	39.9	81.2	892.2	3 537.6	2 768.3	6 277.9	159.6	899.6
3052	Rubber and plastics hose and belting	21.6	557.4	16.4	32.7	382.6	1 528.0	1 355.6	2 854.9	82.6	459.5
3053	Gaskets, packing, and sealing devices	33.4	912.7	23.5	48.4	509.5	2 009.6	1 412.8	3 423.0	77.0	440.1
306	Fabricated rubber products, n.e.c.	109.5	2 766.2	82.0	168.1	1 754.1	6 657.1	5 964.2	12 620.0	473.3	1 279.8
3061	Mechanical rubber goods	50.6	1 273.6	38.5	78.3	823.1	2 926.0	2 079.9	4 993.4	252.0	452.5
3069	Fabricated rubber products, n.e.c.	58.9	1 492.6	43.6	89.9	931.0	3 731.0	3 884.4	7 626.6	221.3	827.3
308	Miscellaneous plastics products, n.e.c.	697.1	17 479.6	540.8	1 096.0	11 195.0	45 649.7	45 038.8	90 487.4	3 858.5	9 771.9
3081	Unsupported plastics film and sheet	56.2	1 744.8	40.5	87.7	1 060.4	5 525.3	5 668.7	11 180.6	407.0	1 313.7
3082	Unsupported plastics profile shapes	28.4	729.3	21.6	42.9	443.9	1 872.6	1 662.1	3 531.2	172.3	364.9
3083	Laminated plastics plate, sheet, and profile shapes	15.3	442.4	11.1	24.3	276.7	1 174.0	1 112.0	2 278.1	60.4	296.5
3084	Plastics pipe	13.5	336.5	10.3	21.6	223.1	1 007.4	1 829.8	2 810.7	77.3	457.2
3085	Plastics bottles	33.2	836.0	28.0	59.3	619.2	2 337.0	2 664.7	4 968.3	364.3	408.5
3086	Plastics foam products	69.1	1 658.4	54.8	105.2	1 116.3	4 630.8	5 505.3	10 125.1	392.6	905.0
3087	Custom compounding of purchased plastics resins	25.0	738.0	17.6	36.7	414.9	2 002.4	3 084.2	5 080.7	121.2	565.5
3088	Plastics plumbing fixtures	12.1	252.3	8.8	17.2	153.5	736.1	525.3	1 268.1	31.1	86.1
3089	Plastics products, n.e.c.	444.4	10 741.9	348.1	701.1	6 886.9	26 364.2	22 986.7	49 244.8	2 232.4	5 374.6
<b>31</b>	<b>Leather and leather products</b>	<b>98.2</b>	<b>1 813.4</b>	<b>81.3</b>	<b>155.1</b>	<b>1 258.0</b>	<b>4 631.0</b>	<b>5 491.4</b>	<b>9 990.9</b>	<b>130.8</b>	<b>1 682.5</b>
311	Leather tanning and finishing	16.8	428.9	13.7	28.6	307.9	1 016.7	2 238.0	3 198.0	52.2	495.1
3111	Leather tanning and finishing	16.8	428.9	13.7	28.6	307.9	1 016.7	2 238.0	3 198.0	52.2	495.1
313	Footwear cut stock	3.5	64.7	2.9	5.7	43.0	143.0	161.4	303.5	2.0	39.9
3131	Footwear cut stock	3.5	64.7	2.9	5.7	43.0	143.0	161.4	303.5	2.0	39.9
314	Footwear, except rubber	48.5	795.4	41.3	77.3	574.7	2 111.8	1 904.2	3 973.4	40.3	666.9
3142	House slippers	3.7	61.8	2.9	5.2	35.8	189.2	117.3	301.8	2.5	56.9
3143	Men's footwear, except athletic	24.6	430.3	20.8	40.9	309.0	1 196.5	1 183.8	2 351.1	26.1	435.1
3144	Women's footwear, except athletic	14.4	219.8	12.7	22.5	168.7	569.4	449.1	1 010.3	6.8	117.4
3149	Footwear, except rubber, n.e.c.	5.8	83.4	4.9	8.7	61.2	156.7	154.0	310.3	4.9	57.5
315	Leather gloves and mittens	2.7	33.6	2.4	4.3	27.2	78.8	84.8	166.0	.3	29.9
3151	Leather gloves and mittens	2.7	33.6	2.4	4.3	27.2	78.8	84.8	166.0	.3	29.9
316	Luggage	9.3	186.1	7.3	14.4	108.0	485.4	459.6	919.9	16.4	202.0
3161	Luggage	9.3	186.1	7.3	14.4	108.0	485.4	459.6	919.9	16.4	202.0
317	Handbags and personal leather goods	9.4	169.0	7.1	12.9	98.8	463.2	317.1	781.8	9.9	118.8
3171	Women's handbags and purses	4.0	70.0	3.2	5.7	45.2	213.9	170.7	387.3	4.2	39.3
3172	Personal leather goods, n.e.c.	5.3	99.0	3.9	7.2	53.6	249.3	146.4	394.5	5.7	79.5
319	Leather goods, n.e.c.	8.1	135.7	6.7	12.0	98.3	332.1	326.4	648.3	9.7	129.9
3199	Leather goods, n.e.c.	8.1	135.7	6.7	12.0	98.3	332.1	326.4	648.3	9.7	129.9
<b>32</b>	<b>Stone, clay, and glass products</b>	<b>468.2</b>	<b>13 407.9</b>	<b>358.3</b>	<b>748.6</b>	<b>9 349.0</b>	<b>35 783.5</b>	<b>29 509.4</b>	<b>65 573.7</b>	<b>2 417.2</b>	<b>7 594.2</b>
321	Flat glass	11.3	466.4	9.2	20.3	366.0	1 413.9	844.1	2 283.0	158.5	267.7
3211	Flat glass	11.3	466.4	9.2	20.3	366.0	1 413.9	844.1	2 283.0	158.5	267.7
322	Glass and glassware, pressed or blown	64.9	2 052.8	54.5	111.0	1 653.2	5 733.6	3 391.4	9 290.9	471.1	1 475.6
3221	Glass containers	30.8	998.4	26.5	53.0	840.5	2 781.5	1 878.6	4 821.6	218.3	802.8
3229	Pressed and blown glass, n.e.c.	34.1	1 054.4	28.1	58.0	812.7	2 952.1	1 512.8	4 469.3	252.8	672.8
323	Products of purchased glass	54.7	1 441.0	42.3	90.0	973.4	3 944.9	3 524.8	7 505.8	251.0	770.1
3231	Products of purchased glass	54.7	1 441.0	42.3	90.0	973.4	3 944.9	3 524.8	7 505.8	251.0	770.1
324	Cement, hydraulic	16.6	589.7	12.5	26.1	404.0	2 146.2	1 948.5	4 186.8	227.2	741.9
3241	Cement, hydraulic	16.6	589.7	12.5	26.1	404.0	2 146.2	1 948.5	4 186.8	227.2	741.9
325	Structural clay products	30.3	744.4	23.7	48.9	518.1	1 782.3	1 125.1	2 890.7	138.7	643.0
3251	Brick and structural clay tile	14.7	335.5	11.2	23.4	229.3	759.8	437.3	1 199.1	56.1	274.5
3253	Ceramic wall and floor tile	8.7	206.3	7.3	15.0	156.1	567.8	280.9	810.9	68.0	180.1
3255	Clay refractories	5.3	163.9	3.9	7.9	108.7	381.0	377.0	758.0	7.2	153.0
3259	Structural clay products, n.e.c.	1.7	38.7	1.3	2.6	24.0	73.7	49.8	122.7	7.5	35.4
326	Pottery and related products	37.3	878.4	30.1	57.8	628.1	2 069.8	857.9	2 932.8	111.1	441.8
3261	Vitreous plumbing fixtures	9.1	240.4	7.9	15.3	194.8	697.5	278.5	982.3	12.8	93.9
3262	Vitreous china table and kitchenware	5.3	121.2	4.4	7.8	85.0	270.4	82.6	357.6	31.4	94.0
3263	Semivitreous table and kitchenware	9	18.5	.8	1.7	14.1	34.2	17.1	51.2	1.4	4.3
3264	Porcelain electrical supplies	9.1	268.8	6.9	14.4	178.1	555.3	271.8	823.7	41.5	144.7
3269	Pottery products, n.e.c.	12.9	229.5	10.1	18.7	156.0	512.4	207.9	718.0	24.1	104.8
327	Concrete, gypsum, and plaster products	175.6	4 889.6	128.3	275.0	3 263.7	11 684.7	12 752.0	24 417.8	620.2	1 707.2
3271	Concrete block and brick	16.0	411.3	9.1	19.7	206.3	1 019.6	1 104.6	2 125.5	50.5	282.3
3272	Concrete products, n.e.c.	60.0	1 569.9	44.2	93.9	1 010.3	3 628.7	2 779.2	6 390.3	164.3	742.0
3273	Ready-mixed concrete	83.7	2 394.8	62.6	133.3	1 676.9	5 663.9	7 044.0	12 700.8	330.1	446.4
3274	Lime	5.6	180.1	4.3	9.4	125.2	464.4	480.0	946.2	35.5	99.3
3275	Gypsum products	10.2	333.5	8.2	18.8	245.0	908.2	1 344.2	2 254.9	39.8	137.2
328	Cut stone and stone products	12.7	295.8	9.7	19.8	213.9	617.2	409.1	1 028.4	19.8	150.8
3281	Cut stone and stone products	12.7	295.8	9.7	19.8	213.9	617.2	409.1	1 028.4	19.8	150.8
329	Miscellaneous nonmetallic mineral products	64.9	2 049.8	48.0	99.7	1 328.6	6 390.9	4 656.6	11 037.5	419.5	1 396.2
3291	Abrasive products	20.5	656.1	13.9	28.7	365.5	2 199.7	1 612.6	3 809.6	156.5	572.7
3292	Asbestos products	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
3295	Minerals, ground or treated	9.4	297.3	7.0	15.3	193.6	1 085.8	768.8	1 847.6	64.7	236.1
3296	Mineral wool	18.8	627.3	15.4	31.7	482.5	1 881.4	1 360.8	3 249.9	100.5	227.3
3297	Nonclay refractories	8.6	279.3	6.0	12.5	172.1	709.5	578.8	1 282.2	62.5	236.5
3299	Nonmetallic mineral products, n.e.c.	7.3	181.9	5.4	11.0	110.4	502.4	321.2	818.9	35.2	118.7

See footnotes at end of table.

1992													Standard error of estimate <sup>1</sup> (percent) for column—	SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)	A	F	I		
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)										
K	L	M	N	O	P	Q	R	S	T					
<b>906.7</b>	<b>23 120.6</b>	<b>696.5</b>	<b>1 412.2</b>	<b>14 978.6</b>	<b>58 658.3</b>	<b>55 175.2</b>	<b>113 611.4</b>	<b>4 790.0</b>	<b>12 441.4</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>30</b>	
64.6	2 498.5	52.8	105.7	1 961.9	6 502.3	5 368.6	11 810.0	506.1	1 058.5	1	1	2	301	
64.6	2 498.5	52.8	105.7	1 961.9	6 502.3	5 368.6	11 810.0	506.1	1 058.5	1	1	2	3011	
13.6	215.5	11.2	22.3	150.4	463.7	410.8	867.5	12.9	172.8	1	2	13	302	
13.6	215.5	11.2	22.3	150.4	463.7	410.8	867.5	12.9	172.8	1	2	13	3021	
52.3	1 412.8	38.0	78.5	845.3	3 296.4	2 649.9	5 957.4	164.4	800.6	1	1	6	305	
19.9	533.4	15.2	31.3	361.9	1 334.4	1 284.1	2 612.9	74.1	358.2	2	2	10	3052	
32.4	879.3	22.8	47.2	483.4	1 962.0	1 365.8	3 344.5	90.3	442.4	1	1	7	3053	
105.8	2 610.2	79.2	161.4	1 632.9	6 019.5	5 451.9	11 479.0	358.3	1 169.2	1	2	8	306	
48.5	1 196.3	37.1	76.3	775.5	2 554.9	1 991.9	4 545.0	154.0	420.2	2	4	13	3061	
57.3	1 413.9	42.1	85.1	857.4	3 464.6	3 460.0	6 934.0	204.2	749.0	1	2	10	3069	
670.5	16 383.7	515.3	1 044.3	10 388.1	42 376.4	41 294.0	83 497.5	3 748.4	9 240.3	1	3	2	308	
54.9	1 680.9	39.1	84.0	1 014.2	5 263.2	5 358.2	10 613.4	592.3	1 273.0	1	1	2	3081	
27.0	706.3	20.1	41.3	413.3	1 775.5	1 571.4	3 332.8	198.4	348.1	2	2	7	3082	
15.6	435.2	11.4	25.2	283.4	1 093.6	1 072.9	2 183.7	57.7	278.0	1	1	5	3083	
12.6	314.1	9.7	20.3	208.6	859.6	1 599.9	2 446.1	105.2	405.8	2	4	18	3084	
32.7	781.4	27.8	58.6	587.2	2 173.9	2 305.7	4 458.2	263.2	387.8	2	3	7	3085	
66.9	1 587.9	52.3	100.5	1 053.9	4 335.8	5 179.1	9 488.4	368.6	887.4	2	2	4	3086	
23.6	684.3	15.7	33.5	367.1	1 870.2	2 723.6	4 581.7	146.8	524.8	2	3	4	3087	
10.7	228.2	8.1	15.9	142.3	626.2	456.7	1 081.8	30.9	78.8	4	2	6	3088	
426.4	9 965.4	331.1	665.0	6 318.2	24 378.5	21 026.6	45 311.3	1 985.3	5 056.6	1	5	3	3089	
<b>100.9</b>	<b>1 796.9</b>	<b>82.6</b>	<b>155.0</b>	<b>1 217.9</b>	<b>4 511.5</b>	<b>5 215.6</b>	<b>9 667.9</b>	<b>133.0</b>	<b>1 560.2</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>31</b>	
16.6	420.3	13.3	27.9	293.5	895.9	2 035.9	2 910.4	48.5	465.4	2	6	9	311	
16.6	420.3	13.3	27.9	293.5	895.9	2 035.9	2 910.4	48.5	465.4	2	6	9	3111	
3.7	63.3	3.1	5.8	42.3	148.6	163.7	316.9	3.3	39.9	4	5	41	313	
3.7	63.3	3.1	5.8	42.3	148.6	163.7	316.9	3.3	39.9	4	5	41	3131	
49.1	761.9	41.3	75.0	545.7	2 059.8	1 874.2	3 898.4	51.2	610.4	3	2	5	314	
3.8	59.2	3.0	5.5	35.6	176.3	109.6	285.1	2.1	48.5	3	5	19	3142	
24.2	398.9	20.0	36.6	282.4	1 087.7	1 135.6	2 209.5	32.8	390.4	4	2	6	3143	
15.0	219.5	13.2	23.7	166.1	636.9	479.6	1 095.1	10.5	114.8	5	4	8	3144	
6.0	84.4	5.2	9.1	61.6	159.0	149.4	308.6	5.8	56.7	5	3	14	3149	
2.8	36.2	2.4	4.4	27.1	65.9	69.6	136.9	.5	35.4	5	23	41	315	
2.8	36.2	2.4	4.4	27.1	65.9	69.6	136.9	.5	35.4	5	23	41	3151	
9.7	181.8	7.6	14.2	106.5	494.9	448.9	944.0	14.5	172.2	4	7	29	316	
9.7	181.8	7.6	14.2	106.5	494.9	448.9	944.0	14.5	172.2	4	7	29	3161	
11.2	201.1	8.7	15.7	118.5	546.1	348.3	890.3	10.2	135.5	8	5	20	317	
5.1	94.7	4.1	7.3	60.5	274.3	189.2	462.8	3.4	51.7	6	8	10	3171	
6.1	106.4	4.6	8.4	58.1	271.8	159.1	427.5	6.8	83.8	13	7	34	3172	
7.9	132.3	6.3	12.0	84.2	300.3	275.0	571.0	4.9	101.4	5	10	35	319	
7.9	132.3	6.3	12.0	84.2	300.3	275.0	571.0	4.9	101.4	5	10	35	3199	
<b>468.6</b>	<b>13 110.3</b>	<b>356.6</b>	<b>742.4</b>	<b>9 029.3</b>	<b>34 539.1</b>	<b>27 908.8</b>	<b>62 383.7</b>	<b>2 454.5</b>	<b>7 864.2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>32</b>	
11.9	452.1	9.7	20.5	356.5	1 313.0	770.5	2 078.3	148.0	293.9	1	1	1	321	
11.9	452.1	9.7	20.5	356.5	1 313.0	770.5	2 078.3	148.0	293.9	1	1	1	3211	
66.1	2 077.1	55.9	114.5	1 658.4	5 905.7	3 254.7	9 041.7	576.8	1 671.1	1	1	1	322	
32.3	1 052.4	28.1	57.3	875.4	3 038.4	1 903.7	4 859.6	233.0	998.7	1	1	1	3221	
33.9	1 024.6	27.8	57.2	783.0	2 867.3	1 351.0	4 182.2	343.8	672.4	1	1	1	3229	
54.7	1 363.8	42.2	86.8	913.3	3 748.6	3 154.7	6 876.7	275.3	774.9	1	1	4	323	
54.7	1 363.8	42.2	86.8	913.3	3 748.6	3 154.7	6 876.7	275.3	774.9	1	1	4	3231	
17.0	594.9	12.8	26.8	406.1	2 149.3	1 869.2	4 050.8	226.2	832.9	3	3	5	324	
17.0	594.9	12.8	26.8	406.1	2 149.3	1 869.2	4 050.8	226.2	832.9	3	3	5	3241	
31.0	734.9	23.9	48.8	495.7	1 696.1	1 135.6	2 859.9	121.8	655.9	2	2	11	325	
14.2	316.3	11.1	22.3	213.9	727.7	372.2	1 116.0	42.9	276.7	2	2	8	3251	
8.9	196.9	7.3	15.3	145.3	458.1	261.3	731.3	48.9	167.3	2	1	19	3253	
6.2	183.8	4.4	8.8	113.0	435.7	452.8	886.8	24.6	179.3	3	5	6	3255	
1.7	37.8	1.2	2.3	23.5	74.6	49.3	125.8	5.4	32.6	8	6	54	3259	
35.9	844.8	28.2	55.5	573.8	1 958.8	812.1	2 759.5	84.7	438.7	2	2	21	326	
8.4	216.8	7.1	13.6	173.7	658.5	236.4	902.1	14.3	97.9	3	1	20	3261	
5.3	118.2	4.3	8.4	82.5	239.1	81.2	315.6	15.8	101.9	7	7	70	3262	
.9	17.0	.8	1.8	12.8	28.6	16.7	45.2	1.5	3.3	3	1	1	3263	
9.1	261.1	6.8	14.2	168.5	565.1	272.7	827.2	31.0	138.6	1	1	5	3264	
12.2	231.7	9.3	17.5	136.2	467.4	205.2	669.4	21.9	97.0	2	3	16	3269	
173.7	4 735.1	125.4	268.9	3 097.5	10 981.1	11 999.2	22 974.7	633.9	1 653.9	2	2	4	327	
16.4	429.9	9.2	20.3	208.5	1 030.8	1 025.1	2 051.1	57.3	287.3	7	8	16	3271	
58.9	1 513.3	42.7	90.9	947.9	3 353.5	2 581.7	5 934.2	171.9	696.4	2	2	9	3272	
82.4	2 291.5	60.9	129.2	1 577.7	5 342.5	6 662.4	12 009.9	313.0	424.7	2	2	6	3273	
5.6	171.4	4.3	9.6	121.3	461.1	446.2	903.7	47.9	104.9	1	1	13	3274	
10.5	329.0	8.3	19.0	242.0	793.3	1 283.9	2 075.9	43.8	140.7	2	3	2	3275	
12.3	284.4	9.5	19.3	205.8	607.4	407.1	1 011.3	36.9	156.4	4	5	13	328	
12.3	284.4	9.5	19.3	205.8	607.4	407.1	1 011.3	36.9	156.4	4	5	13	3281	
66.1	2 023.2	49.0	101.4	1 322.3	6 179.1	4 505.7	10 730.7	351.1	1 386.5	3	1	3	329	
21.5	651.7	15.1	31.1	378.2	2 030.6	1 674.3	3 731.1	121.5	585.1	9	3	4	3291	
.7	21.8	.5	1.0	13.7	43.0	30.0	74.0	2.1	9.8	1	1	1	3292	
9.5	299.1	7.1	15.2	194.1	1 081.2	690.6	1 774.4	47.1	220.0	1	2	8	3295	
19.1	628.6	15.5	32.2	478.5	1 915.6	1 311.9	3 231.7	115.1	246.6	1	1	1	3296	
8.1	249.2	5.7	11.4	154.6	650.4	541.4	1 203.5	44.9	217.1	2	4	13	3297	
7.1	172.8	5.2	10.5	103.2	458.3	257.5	716.1	20.4	107.9	2	3	11	3299	









1992													Standard error of estimate <sup>1</sup> (percent) for column—	SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)	Standard error of estimate <sup>1</sup> (percent) for column—				
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						A	F	I		
K	L	M	N	O	P	Q	R	S	T	A	F	I		
<b>1 737.3</b>	<b>57 160.7</b>	<b>1 084.6</b>	<b>2 223.9</b>	<b>29 139.2</b>	<b>132 649.9</b>	<b>124 725.9</b>	<b>258 336.2</b>	<b>8 063.5</b>	<b>45 724.8</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>35</b>	
83.7	3 178.1	52.9	107.1	1 851.2	7 746.9	9 687.1	17 669.5	773.1	3 064.9	1	1	1	351	
27.1	1 106.5	15.0	30.1	553.2	2 952.8	2 690.9	5 842.6	312.0	1 699.4	1	1	1	3511	
56.6	2 071.6	37.9	77.0	1 298.0	4 794.2	6 996.1	11 826.9	461.1	1 365.5	1	1	1	3519	
86.2	2 353.3	62.4	119.4	1 485.2	7 318.4	7 515.9	14 785.7	321.3	2 399.7	1	1	3	352	
61.4	1 784.4	42.5	83.2	1 096.3	5 165.0	4 435.8	9 617.0	196.2	1 546.0	1	1	3	3523	
24.8	568.9	19.8	36.3	388.9	2 153.4	3 080.1	5 168.7	125.1	853.7	1	1	1	3524	
179.1	5 770.1	109.9	219.6	3 001.5	12 619.7	14 690.6	27 481.9	706.7	6 179.5	1	1	5	353	
77.1	2 571.4	49.6	93.8	1 445.7	5 828.9	7 581.2	13 451.8	424.5	2 977.8	1	2	2	3531	
12.6	393.7	7.4	15.9	189.1	729.6	811.8	1 557.5	33.0	446.6	2	6	45	3532	
27.0	876.5	15.4	31.2	424.9	2 104.2	1 707.7	3 917.9	104.6	1 339.9	1	2	4	3533	
7.7	233.7	4.8	10.4	126.8	386.8	591.1	975.6	20.2	136.9	1	2	7	3534	
30.3	990.5	17.0	36.2	429.9	2 033.2	1 888.3	3 914.0	55.3	561.5	3	3	13	3535	
7.0	205.7	4.2	8.7	109.5	490.1	410.0	911.5	11.6	233.4	3	4	13	3536	
17.5	498.5	11.5	23.5	275.7	1 046.9	1 700.5	2 753.7	57.6	483.4	3	3	6	3537	
255.9	8 585.6	178.3	382.4	5 344.0	16 546.7	9 978.8	26 510.9	829.6	5 156.7	1	2	8	354	
27.0	982.1	15.2	32.2	498.5	1 840.9	1 762.0	3 567.8	82.4	1 221.7	1	3	6	3541	
12.2	417.6	7.8	15.8	236.9	728.6	700.1	1 450.9	40.4	425.7	2	4	16	3542	
7.9	258.7	6.5	13.2	199.6	416.3	125.7	539.0	15.1	41.8	7	8	32	3543	
111.4	3 898.3	85.3	188.4	2 744.8	6 644.7	2 690.7	9 309.8	370.1	1 199.1	2	3	15	3544	
42.7	1 243.9	30.1	62.4	748.5	2 653.6	1 113.9	3 786.3	142.2	785.0	2	2	16	3545	
16.1	440.6	10.6	21.7	240.5	1 506.8	1 359.9	2 872.5	72.3	377.6	1	2	8	3546	
5.4	186.8	3.0	6.3	85.2	313.2	288.6	602.8	13.7	170.7	2	4	12	3547	
19.8	670.3	11.9	24.7	342.7	1 499.9	1 250.3	2 763.5	65.8	595.5	3	4	12	3548	
13.2	487.5	7.9	17.6	247.2	942.7	687.6	1 618.3	27.6	339.2	2	4	11	3549	
159.8	5 447.7	89.9	184.6	2 401.6	11 525.4	9 716.6	21 280.4	578.9	4 742.6	2	2	4	355	
15.0	424.5	9.6	19.8	218.6	908.1	1 565.2	3 887.7	39.5	388.7	7	5	24	3552	
7.2	206.1	4.7	9.5	109.8	458.8	439.5	894.6	19.5	158.1	9	7	20	3553	
18.2	651.8	10.2	21.3	314.3	1 273.8	1 209.8	2 524.2	65.4	527.7	2	3	15	3554	
18.7	655.9	10.3	22.0	300.3	1 266.4	1 267.6	2 591.9	59.6	729.6	3	4	6	3555	
18.8	605.5	11.1	22.2	289.9	1 392.1	1 008.4	2 407.2	46.8	482.0	2	3	13	3556	
81.9	2 903.9	44.0	89.8	1 168.8	6 226.2	5 146.9	11 297.2	348.1	2 456.5	2	2	5	3559	
243.5	7 724.9	154.1	309.2	4 060.6	17 789.0	13 551.4	31 372.7	980.2	6 534.8	1	1	5	356	
36.9	1 225.3	20.9	41.0	582.1	2 746.0	2 473.1	5 268.4	155.0	1 220.0	2	2	5	3561	
34.9	1 091.2	28.2	57.5	824.6	2 546.7	1 717.4	4 287.9	206.5	889.8	2	1	12	3562	
23.4	777.5	13.5	27.4	382.1	2 069.8	2 120.2	4 170.3	138.0	1 007.4	1	2	2	3563	
26.0	723.9	17.5	34.9	394.5	1 647.9	1 339.0	3 000.9	60.7	361.0	5	3	18	3564	
26.2	894.4	15.4	31.0	427.6	1 913.5	1 252.4	3 126.9	70.1	753.0	5	5	16	3565	
15.7	495.8	10.4	20.6	283.7	1 160.5	646.3	1 823.1	69.8	406.3	1	2	6	3566	
17.0	529.4	10.3	20.1	230.9	982.1	764.2	1 757.7	27.6	306.9	2	4	20	3567	
21.8	679.0	14.6	29.6	386.3	1 493.0	922.0	2 411.4	72.5	549.7	3	3	24	3568	
41.5	1 308.4	23.3	47.1	548.9	3 229.4	2 316.8	5 526.1	180.1	1 040.7	2	3	7	3569	
250.5	10 143.4	88.8	180.8	2 182.7	29 244.6	36 960.1	66 746.6	2 276.2	10 357.6	1	1	1	357	
110.8	4 855.9	31.2	65.5	819.4	16 137.4	21 388.9	38 205.9	1 242.4	6 170.2	1	1	1	3571	
40.8	1 795.4	15.2	31.3	427.0	4 658.8	4 991.7	9 544.3	455.6	1 243.4	1	1	1	3572	
9.3	344.1	4.2	8.0	102.7	800.2	1 288.2	2 070.7	44.4	357.7	6	4	7	3575	
59.3	2 175.7	23.5	48.4	532.2	5 034.8	7 166.4	12 156.5	393.0	1 665.3	1	2	2	3577	
6.5	191.2	2.7	5.3	56.5	768.5	443.6	1 206.5	25.5	182.0	4	4	16	3578	
23.8	781.1	11.9	22.3	244.9	1 844.8	1 681.3	3 562.8	115.4	739.0	1	1	2	3579	
177.4	5 234.0	123.7	250.2	3 148.0	13 471.8	13 885.1	27 323.9	717.0	3 780.0	1	2	3	358	
7.2	181.2	5.1	10.1	89.3	384.7	422.7	815.7	13.4	167.9	1	1	1	3581	
4.7	129.3	3.2	6.7	71.1	286.7	281.5	570.3	10.8	88.6	1	2	11	3582	
120.5	3 590.2	88.9	179.8	2 385.5	9 413.3	10 341.2	19 697.0	556.1	2 473.9	1	1	4	3585	
6.5	196.6	4.1	8.2	98.6	422.0	451.4	896.3	27.1	151.1	6	5	11	3586	
38.5	1 136.7	22.4	45.4	503.5	2 965.1	2 388.3	5 346.3	109.6	898.5	1	4	7	3589	
301.1	8 723.6	224.6	470.5	5 664.3	16 387.3	8 740.4	25 164.6	880.6	3 509.2	1	3	5	359	
18.4	586.6	14.6	29.6	438.7	1 146.5	981.6	2 155.4	76.8	249.2	1	1	2	3592	
16.5	531.1	10.2	21.0	280.1	1 130.7	664.8	1 804.2	54.2	413.9	2	2	9	3593	
12.4	430.3	8.1	17.2	243.2	915.1	590.6	1 506.2	48.5	301.0	1	1	4	3594	
5.6	154.8	3.0	6.6	61.7	349.1	296.4	641.1	17.2	117.8	1	5	12	3596	
248.2	7 020.8	188.7	396.2	4 640.6	12 845.9	6 207.0	19 057.7	683.9	2 427.2	1	4	6	3599	
<b>1 439.9</b>	<b>44 245.3</b>	<b>911.3</b>	<b>1 835.2</b>	<b>21 052.0</b>	<b>120 747.8</b>	<b>95 108.3</b>	<b>216 229.5</b>	<b>8 980.0</b>	<b>29 790.4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>36</b>	
68.3	1 944.1	48.2	96.5	1 150.1	5 287.8	4 293.3	9 624.0	203.5	1 252.6	3	2	4	361	
28.9	777.1	21.9	43.7	508.8	2 010.1	2 052.7	4 096.3	85.1	515.4	2	3	9	3612	
39.5	1 167.0	26.3	52.8	641.3	3 277.7	2 240.6	5 527.7	118.4	737.3	4	3	3	3613	
156.7	4 370.8	105.8	208.1	2 303.4	10 614.0	8 351.4	18 928.6	569.4	3 238.0	2	3	3	362	
67.9	1 764.6	52.0	104.1	1 169.0	4 244.3	3 812.9	8 039.7	242.0	1 152.1	1	1	3	3621	
9.6	286.6	7.0	14.4	185.0	724.2	561.2	1 276.4	43.6	351.2	4	2	4	3624	
61.6	1 846.1	35.2	66.7	730.7	4 548.6	3 025.8	7 573.1	218.5	1 363.3	4	6	5	3625	
17.6	473.5	11.7	22.9	218.8	1 096.9	951.5	2 039.3	65.3	371.3	2	3	13	3629	
102.8	2 588.1	83.2	163.4	1 851.8	7 818.7	10 468.8	18 482.8	556.3	2 094.7	1	2	2	363	
18.8	437.0	15.0	29.9	293.4	1 141.4	1 811.7	2 950.0	82.9	466.2	1	1	3	3631	
25.4	719.0	21.4	41.5	531.7	1 629.1	2 596.6	4 232.4	187.4	446.7	1	1	1	3632	
14.2	423.1	12.1	24.8	340.0	1 545.2	1 721.2	3 328.5	93.6	264.4	1	1	1	3633	
20.4	400.6	16.5	30.9	261.0	1 387.0	1 525.0	2 897.5	46.3	482.7	2	7	6	3634	
11.3	278.7	7.7	15.2	172.1	1 054.6	859.8	1 905.3	66.8	230.5	3	5	8	3635	
12.7	329.7	10.5	21.0	253.5	1 061.3	1 954.5	3 169.1	79.2	204.2	4	1	2	3639	
148.0	3 978.2	107.4	214.1	2 413.5	11 375.8	8 443.2	19 826.7	495.8	2 841.3					

**Table 2. Statistics for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
<b>36</b>	<b>Electronic and other electric equipment—Con.</b>										
366	Communications equipment.....	231.0	9 054.2	106.1	205.9	2 861.1	27 436.6	18 585.7	45 501.1	1 529.0	7 299.9
3661	Telephone and telegraph apparatus .....	85.0	3 735.2	38.6	75.3	1 154.2	13 583.8	8 006.7	21 537.7	594.6	2 839.4
3663	Radio and television communications equipment .....	122.3	4 620.9	55.8	108.1	1 476.6	11 914.3	9 167.3	20 615.6	850.6	3 912.1
3669	Communications equipment, n.e.c. ....	23.6	698.1	11.7	22.6	230.3	1 938.4	1 411.7	3 347.8	83.8	548.4
367	Electronic components and accessories .....	532.4	17 408.8	321.8	677.1	7 434.8	47 884.2	33 156.8	81 338.2	5 520.9	10 595.6
3671	Electron tubes .....	20.2	628.9	15.3	30.9	424.2	1 135.8	1 912.9	3 051.5	85.5	415.2
3672	Printed circuit boards .....	73.5	2 128.4	50.5	104.9	1 110.3	4 157.6	3 149.8	7 373.8	282.8	804.5
3674	Semiconductors and related devices.....	162.5	6 770.2	82.2	167.2	2 353.5	26 463.1	8 938.1	35 149.9	3 838.5	3 576.1
3675	Electronic capacitors .....	18.7	438.7	13.7	27.9	261.5	979.0	788.2	1 762.8	63.9	266.2
3676	Electronic resistors .....	10.8	249.9	7.9	16.1	141.1	598.7	277.8	870.5	25.7	162.9
3677	Electronic coils and transformers.....	19.7	388.5	15.2	28.9	224.8	745.2	476.8	1 222.9	21.9	176.8
3678	Electronic connectors .....	30.7	916.3	20.9	42.2	515.8	2 600.0	1 514.5	4 112.3	210.7	644.3
3679	Electronic components, n.e.c. ....	196.3	5 887.9	116.3	259.0	2 403.5	11 204.8	16 098.7	27 794.7	991.9	4 549.6
369	Miscellaneous electrical equipment and supplies .....	146.6	4 340.5	101.1	203.4	2 468.5	11 975.3	11 386.7	23 228.1	839.9	2 925.3
3691	Storage batteries .....	21.2	621.0	17.1	34.8	455.7	1 826.3	1 775.3	3 605.4	115.5	440.0
3692	Primary batteries, dry and wet .....	9.8	267.1	7.4	15.2	182.4	985.1	1 095.0	2 073.1	72.6	172.2
3694	Engine electrical equipment.....	53.0	1 486.2	42.0	84.8	1 066.2	3 975.4	3 943.1	7 875.1	202.0	811.1
3695	Magnetic and optical recording media .....	22.2	689.6	15.0	31.2	379.9	2 388.0	2 406.1	4 765.5	337.9	387.7
3699	Electrical equipment and supplies, n.e.c. ....	40.4	1 276.5	19.5	37.4	384.2	2 800.6	2 167.2	4 908.9	112.0	1 114.2
<b>37</b>	<b>Transportation equipment .....</b>	<b>1 583.4</b>	<b>62 170.9</b>	<b>1 048.2</b>	<b>2 149.4</b>	<b>37 089.5</b>	<b>165 550.8</b>	<b>250 828.9</b>	<b>414 614.4</b>	<b>11 408.2</b>	<b>61 356.1</b>
371	Motor vehicles and equipment .....	722.8	28 493.8	584.9	1 239.2	22 168.7	87 913.5	179 887.6	267 611.1	8 174.7	13 594.7
3711	Motor vehicles and car bodies .....	224.2	11 155.6	191.1	409.7	9 263.9	47 278.8	120 479.2	167 853.0	4 033.9	4 253.5
3713	Truck and bus bodies .....	34.7	883.8	25.7	52.9	581.6	2 373.4	3 510.1	5 889.9	78.7	794.4
3714	Motor vehicle parts and accessories .....	417.7	15 319.8	329.9	701.2	11 517.2	36 185.7	49 937.2	85 802.1	3 971.4	7 576.4
3715	Truck trailers .....	27.9	691.8	23.0	47.8	505.5	1 068.6	3 104.4	4 170.3	66.7	477.8
3716	Motor homes.....	18.4	442.8	15.3	27.7	300.4	1 007.1	2 856.8	3 895.7	24.0	492.6
372	Aircraft and parts .....	483.5	20 775.4	236.3	472.9	8 856.1	47 477.8	46 842.1	92 444.4	2 306.9	39 439.3
3721	Aircraft .....	241.2	10 789.2	104.4	198.7	3 953.2	24 654.7	33 205.5	55 117.4	1 154.4	30 153.5
3724	Aircraft engines and engine parts .....	102.6	4 134.1	53.4	110.5	1 899.2	11 126.9	7 934.2	19 035.0	439.2	4 312.3
3728	Aircraft parts and equipment, n.e.c. ....	139.7	5 852.2	78.5	163.7	3 003.7	11 696.2	5 702.4	18 291.9	713.3	4 973.5
373	Ship and boat building and repairing .....	158.3	4 392.1	118.5	230.6	2 822.7	8 005.4	6 917.8	14 912.1	238.0	1 899.2
3731	Ship building and repairing <sup>1</sup> .....	111.6	3 366.1	82.0	159.2	2 141.7	5 964.5	4 007.4	9 971.9	155.8	1 90.9
3732	Boat building and repairing .....	46.7	1 026.0	36.6	71.4	681.0	2 040.8	2 910.4	4 940.2	82.2	708.3
374	Railroad equipment .....	29.4	966.8	21.4	43.2	606.4	2 211.0	3 192.3	5 365.1	101.7	1 102.9
3743	Railroad equipment .....	29.4	966.8	21.4	43.2	606.4	2 211.0	3 192.3	5 365.1	101.7	1 102.9
375	Motorcycles, bicycles, and parts .....	12.3	325.3	9.6	17.6	218.9	923.6	1 280.2	2 158.6	39.0	283.9
3751	Motorcycles, bicycles, and parts .....	12.3	325.3	9.6	17.6	218.9	923.6	1 280.2	2 158.6	39.0	283.9
376	Guided missiles, space vehicles, parts .....	129.1	5 955.8	43.1	80.3	1 680.7	15 748.5	7 838.7	24 018.9	418.4	3 931.3
3761	Guided missiles and space vehicles .....	87.5	4 017.6	28.5	53.1	1 108.6	10 158.0	5 804.5	15 799.6	307.6	3 039.3
3764	Space propulsion units and parts .....	29.2	1 401.1	8.9	15.8	348.0	4 295.6	1 255.6	6 201.0	85.4	442.5
3769	Space vehicle equipment, n.e.c. ....	12.4	537.0	5.7	11.4	224.1	1 294.9	778.6	2 018.3	25.5	449.6
379	Miscellaneous transportation equipment.....	48.1	1 261.8	34.3	65.6	735.8	3 271.0	4 870.3	8 104.3	129.5	1 104.9
3792	Travel trailers and campers .....	16.0	362.2	12.9	24.5	239.7	797.5	1 498.2	2 296.4	25.2	210.6
3795	Tanks and tank components .....	9.9	378.9	5.6	10.2	198.4	1 149.6	915.9	2 052.9	17.2	413.2
3799	Transportation equipment, n.e.c. ....	22.1	520.7	15.8	30.8	297.7	1 323.9	2 456.2	3 754.9	87.1	481.1
<b>38</b>	<b>Instruments and related products .....</b>	<b>878.7</b>	<b>32 494.6</b>	<b>443.8</b>	<b>881.5</b>	<b>12 030.6</b>	<b>92 058.4</b>	<b>44 477.2</b>	<b>136 916.4</b>	<b>4 430.9</b>	<b>23 320.9</b>
381	Search and navigation equipment .....	227.0	10 191.7	89.6	172.7	3 238.0	24 161.4	8 921.4	33 755.0	711.0	6 261.3
3812	Search and navigation equipment .....	227.0	10 191.7	89.6	172.7	3 238.0	24 161.4	8 921.4	33 755.0	711.0	6 261.3
382	Measuring and controlling devices .....	268.8	9 636.6	133.8	266.9	3 556.0	22 045.9	13 194.5	35 299.3	1 150.9	6 658.9
3821	Laboratory apparatus and furniture .....	16.9	566.2	8.2	16.6	197.8	1 361.4	817.0	2 168.5	42.9	400.3
3822	Environmental controls .....	25.0	712.2	17.6	34.0	381.7	1 755.6	1 098.4	2 864.8	87.6	413.1
3823	Process control instruments .....	50.0	1 790.1	23.7	47.1	581.2	4 237.3	2 119.6	6 356.2	133.3	1 231.2
3824	Fluid meters and counting devices .....	15.8	554.0	10.7	22.0	342.2	1 487.5	2 333.2	2 824.9	76.1	278.5
3825	Instruments to measure electricity .....	65.2	2 473.0	30.7	60.2	876.4	5 632.4	3 121.9	8 803.3	401.6	1 736.1
3826	Analytical instruments .....	40.6	1 567.5	15.6	31.3	423.6	3 365.3	2 312.7	5 690.6	215.6	1 085.2
3827	Optical instruments and lenses.....	19.6	705.3	9.7	20.5	273.4	1 484.3	870.7	2 352.6	69.6	539.6
3829	Measuring and controlling devices, n.e.c. ....	35.8	1 268.2	17.7	35.3	479.7	2 722.1	1 521.2	4 238.5	124.1	974.7
384	Medical instruments and supplies .....	268.3	8 818.6	155.6	303.1	3 470.0	27 386.8	14 389.6	41 750.1	1 586.3	7 024.4
3841	Surgical and medical instruments.....	101.4	3 265.0	60.1	117.4	1 320.9	10 260.3	4 472.5	14 657.8	771.1	2 359.9
3842	Surgical appliances and supplies .....	97.4	2 929.3	61.7	118.6	1 294.9	9 211.1	5 229.5	14 477.4	430.3	2 363.1
3843	Dental equipment and supplies.....	15.4	470.7	9.2	17.0	202.1	1 261.9	750.9	2 007.8	58.5	355.5
3844	X-ray apparatus and tubes.....	14.2	572.9	6.9	13.7	211.5	1 771.4	1 617.4	3 404.0	85.6	623.1
3845	Electromedical equipment .....	39.9	1 580.8	17.6	36.4	440.7	4 882.0	2 319.4	7 203.1	240.9	1 322.8
385	Ophthalmic goods .....	32.0	796.7	21.6	41.7	411.1	2 173.4	838.2	2 983.9	192.4	565.1
3851	Ophthalmic goods .....	32.0	796.7	21.6	41.7	411.1	2 173.4	838.2	2 983.9	192.4	565.1
386	Photographic equipment and supplies.....	75.7	2 881.0	38.0	86.6	1 267.6	15 865.1	6 750.5	22 316.1	775.4	2 636.1
3861	Photographic equipment and supplies.....	75.7	2 881.0	38.0	86.6	1 267.6	15 865.1	6 750.5	22 316.1	775.4	2 636.1
387	Watches, clocks, watchcases, and parts .....	7.0	170.0	5.2	10.5	88.0	425.8	383.0	812.1	14.9	175.2
3873	Watches, clocks, watchcases, and parts .....	7.0	170.0	5.2	10.5	88.0	425.8	383.0	812.1	14.9	175.2

See footnotes at end of table.

1992													Standard error of estimate <sup>1</sup> (percent) for column—			SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)	A	F	I				
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)									P	Q	R	S
K	L	M	N	O												
													<b>36</b>			
237.9	9 092.4	113.8	223.8	3 116.6	26 477.0	16 632.5	42 894.5	1 380.1	6 725.8	1	2	3	366			
91.0	3 741.4	44.7	87.4	1 306.9	12 463.1	8 153.5	20 498.3	614.8	2 892.8	1	1	1	3661			
													3663			
124.4	4 700.8	58.3	115.1	1 589.0	12 246.9	7 311.6	19 472.3	700.3	3 293.5	1	3	4				
22.5	650.2	10.8	21.3	220.7	1 767.0	1 167.5	2 923.9	65.0	539.5	2	1	4	3669			
531.8	16 805.8	318.4	661.2	7 163.3	44 413.5	29 326.0	73 848.3	4 486.8	9 820.6	1	1	1	367			
22.2	577.4	16.8	33.5	442.5	1 280.4	1 883.6	3 144.9	61.7	466.7	1	1	1	3671			
75.8	2 110.6	50.8	104.8	1 066.2	4 348.3	2 972.8	7 311.8	316.8	890.3	1	2	4	3672			
171.9	6 879.8	84.7	172.2	2 333.5	22 299.7	9 823.3	32 157.0	3 118.0	3 464.0	1	1	1	3674			
17.9	415.7	13.4	26.3	247.9	930.0	703.0	1 630.1	64.0	259.2	2	1	1	3675			
11.7	258.7	8.3	16.1	134.3	562.6	258.3	827.2	21.3	157.8	4	3	19	3676			
19.2	374.0	14.1	27.2	208.3	680.6	452.3	1 133.8	20.1	157.8	5	6	10	3677			
30.7	909.2	21.1	42.4	505.5	2 385.9	1 390.2	3 773.5	144.3	630.9	1	1	4	3678			
182.4	5 180.5	109.2	238.8	2 225.1	11 925.9	11 842.4	23 869.9	740.8	3 793.9	2	2	3	3679			
													369			
147.6	4 346.9	100.1	198.9	2 380.5	11 299.3	10 557.5	22 047.1	852.5	2 836.9	2	1	2				
21.1	596.7	16.9	33.5	427.8	1 774.0	1 633.3	3 409.5	120.0	464.3	1	1	8	3691			
10.4	271.9	7.9	16.0	179.6	871.0	933.9	1 823.7	52.5	159.0	4	2	1	3692			
50.0	1 407.7	39.4	77.2	993.5	3 752.7	3 441.4	7 238.7	167.1	726.6	4	1	5	3694			
22.6	695.0	15.1	32.2	363.9	2 091.5	2 513.6	4 641.3	394.2	403.4	1	1	1	3695			
43.4	1 375.6	20.9	39.9	415.7	2 810.1	2 035.2	4 934.0	118.7	1 083.6	2	2	5	3699			
<b>1 647.7</b>	<b>62 620.7</b>	<b>1 079.9</b>	<b>2 170.1</b>	<b>36 458.5</b>	<b>158 799.2</b>	<b>234 594.8</b>	<b>399 857.3</b>	<b>11 045.0</b>	<b>63 157.0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>37</b>			
703.9	26 196.3	564.8	1 160.1	20 069.9	79 918.5	158 928.3	239 120.4	6 758.3	12 786.4	1	1	2	371			
228.4	10 438.8	193.3	397.3	8 606.8	45 262.2	107 636.6	152 948.5	2 989.5	4 101.3	1	1	1	3711			
35.9	868.6	26.2	52.4	564.6	1 791.9	2 817.5	4 594.7	71.2	757.4	3	2	18	3713			
400.2	13 955.6	313.4	647.0	10 255.1	30 927.9	43 951.9	75 070.7	3 647.6	7 122.6	1	1	4	3714			
23.4	565.9	18.7	38.4	397.2	1 093.5	2 459.0	3 545.5	30.9	438.1	1	2	2	3715			
16.1	367.3	13.1	24.9	246.2	842.9	2 063.3	2 960.9	19.0	367.1	1	4	2	3716			
546.9	22 512.8	280.0	552.2	9 949.6	49 239.1	51 260.8	104 783.9	3 383.6	41 762.5	1	1	1	372			
284.9	11 498.9	122.1	227.0	4 536.5	25 157.1	36 133.3	62 980.8	1 661.3	31 826.9	1	1	1	3721			
116.7	4 851.7	64.2	130.8	2 219.6	11 445.4	9 019.2	21 968.5	590.2	4 308.9	1	1	2	3724			
165.3	6 162.1	93.6	194.3	3 193.6	12 636.6	6 108.4	19 834.6	1 132.1	5 626.8	1	1	1	3728			
162.8	4 629.9	121.5	245.4	2 954.9	8 534.6	6 674.5	15 207.7	191.5	1 984.9	2	1	5	373			
118.3	3 624.1	87.1	176.8	2 294.3	6 543.2	4 065.2	10 608.3	128.4	1 293.3	2	1	6	3731			
44.5	1 005.8	34.4	68.7	660.6	1 991.4	2 609.4	4 599.3	63.1	691.6	2	2	10	3732			
28.2	897.5	20.6	40.3	556.3	1 961.6	2 743.3	4 588.8	94.9	968.4	3	3	5	374			
28.2	897.5	20.6	40.3	556.3	1 961.6	2 743.3	4 588.8	94.9	968.4	3	3	5	3743			
11.7	301.7	9.0	17.1	198.1	744.5	1 146.2	1 878.3	45.6	233.0	1	1	2	375			
11.7	301.7	9.0	17.1	198.1	744.5	1 146.2	1 878.3	45.6	233.0	1	1	2	3751			
149.6	6 912.4	52.6	93.6	2 052.4	15 356.3	9 614.1	27 073.9	475.9	4 462.7	1	1	1	376			
100.1	4 722.2	31.5	57.8	1 284.8	11 080.9	6 788.9	19 675.1	306.7	2 872.2	1	1	1	3761			
32.3	1 495.6	13.4	20.9	496.1	2 819.0	2 181.3	5 328.1	128.2	1 259.0	1	1	1	3764			
17.2	694.5	7.7	15.0	271.4	1 456.4	643.8	2 070.7	41.0	331.5	1	1	1	3769			
44.5	1 170.1	31.5	61.4	677.4	3 044.7	4 227.5	7 204.3	95.3	959.0	1	1	5	379			
15.2	357.9	12.0	23.4	239.6	774.9	1 326.9	2 082.6	18.0	204.2	2	3	13	3792			
9.8	362.9	5.7	11.3	189.5	1 157.8	931.3	2 034.7	15.6	336.7	1	1	2	3795			
19.5	449.2	13.8	26.7	248.3	1 112.1	1 969.3	3 087.0	61.6	418.3	2	2	6	3799			
<b>908.4</b>	<b>33 116.0</b>	<b>459.9</b>	<b>916.9</b>	<b>12 213.8</b>	<b>89 344.7</b>	<b>44 644.8</b>	<b>134 870.3</b>	<b>4 617.2</b>	<b>23 915.6</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>38</b>			
255.0	11 056.2	103.6	203.1	3 511.8	24 411.1	10 115.8	35 266.1	859.1	7 408.2	1	1	1	381			
255.0	11 056.2	103.6	203.1	3 511.8	24 411.1	10 115.8	35 266.1	859.1	7 408.2	1	1	1	3812			
274.3	9 568.0	137.3	270.4	3 516.1	21 570.3	12 786.4	34 402.6	1 166.5	6 787.2	1	1	4	382			
17.7	571.6	9.0	18.4	213.9	1 314.9	817.1	2 106.0	55.4	376.2	3	2	6	3821			
25.0	685.4	16.8	32.1	356.0	1 633.0	997.1	2 607.1	81.3	409.9	3	1	4	3822			
50.1	1 764.8	24.0	47.3	582.9	4 182.9	2 137.7	6 360.4	158.1	1 246.4	3	2	4	3823			
16.2	533.7	11.3	21.6	331.8	1 469.2	1 117.5	2 601.5	74.1	280.4	1	1	3	3824			
68.7	2 549.0	32.3	63.4	896.8	5 721.1	3 091.2	8 873.3	324.7	1 891.4	2	2	8	3825			
39.7	1 478.1	15.2	29.6	394.3	3 004.8	2 205.5	5 191.3	227.8	992.4	2	2	7	3826			
18.9	679.9	9.4	19.8	256.7	1 435.0	836.0	2 262.9	65.0	513.7	2	2	13	3827			
38.1	1 305.4	19.3	38.1	483.6	2 809.5	1 584.2	4 400.1	180.1	1 076.7	3	2	16	3829			
264.4	8 534.3	154.0	301.5	3 380.0	26 103.7	13 553.9	39 548.1	1 558.8	6 785.4	1	2	2	384			
98.2	3 095.3	58.5	113.1	1 228.3	9 397.8	4 063.5	13 384.9	688.8	2 182.9	1	1	4	3841			
96.8	2 865.2	61.6	119.7	1 296.6	8 939.3	4 963.7	13 842.8	504.3	2 329.6	1	1	3	3842			
15.1	458.1	8.9	16.9	194.3	1 202.9	731.7	1 910.0	48.6	336.3	2	3	7	3843			
14.3	562.7	7.1	14.3	211.5	1 871.4	1 302.0	3 235.0	63.6	608.5	1	1	3	3844			
40.0	1 553.0	18.0	37.6	449.3	4 692.3	2 493.1	7 175.4	253.6	1 328.1	1	1	3	3845			
29.6	716.3	19.9	40.2	385.6	1 950.6	748.0	2 692.1	202.4	512.2	2	3	6	385			
29.6	716.3	19.9	40.2	385.6	1 950.6	748.0	2 692.1	202.4	512.2	2	3	6	3851			
77.5	3 069.3	39.4	90.7	1 328.5	14 885.4	7 058.7	22 149.8	808.1	2 247.6	1	1	3	386			
77.5	3 069.3	39.4	90.7	1 328.5	14 885.4	7 058.7	22 149.8	808.1	2 247.6	1	1	3	3861			
7.6	171.9	5.6	11.0	91.9	423.5	382.0	811.6	22.3	175.0	3	2	6	387			
7.6	171.9	5.6	11.0	91.9	423.5	382.0	811.6	22.3	175.0	3	2	6	3873			

**Table 2. Statistics for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993									
		All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)
		Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
<b>39</b>	<b>Miscellaneous manufacturing industries -----</b>	<b>379.4</b>	<b>8 867.7</b>	<b>267.0</b>	<b>531.1</b>	<b>5 011.1</b>	<b>23 391.4</b>	<b>19 213.3</b>	<b>42 425.6</b>	<b>932.7</b>	<b>7 122.1</b>
391	Jewelry, silverware, and plated ware -----	47.3	1 121.0	32.9	62.3	633.3	2 643.0	3 310.0	5 901.5	75.7	1 399.9
3911	Jewelry, precious metal -----	33.4	780.6	23.4	45.8	436.2	1 811.8	2 366.9	4 143.6	42.5	975.4
3914	Silverware and plated ware -----	6.6	162.1	4.8	7.3	104.3	390.8	287.3	672.2	14.4	205.7
3915	Jewelers' materials and lapidary work -----	7.3	178.2	4.7	9.2	92.8	440.4	655.9	1 085.7	18.9	218.9
393	Musical instruments -----	12.6	291.3	9.8	19.0	191.7	652.8	421.6	1 069.1	16.2	268.5
3931	Musical instruments -----	12.6	291.3	9.8	19.0	191.7	652.8	421.6	1 069.1	16.2	268.5
394	Toys and sporting goods -----	102.0	2 241.9	74.4	146.8	1 289.2	7 275.6	6 043.1	13 275.6	351.9	2 156.0
3942	Dolls and stuffed toys -----	4.2	73.0	3.1	6.0	40.4	183.2	90.1	272.6	2.7	58.5
3944	Games, toys, and children's vehicles -----	33.6	735.2	24.6	47.5	432.8	2 473.7	2 125.8	4 557.9	131.5	649.3
3949	Sporting and athletic goods, n.e.c. -----	64.2	1 433.7	46.6	93.3	816.1	4 618.6	3 827.2	8 445.1	217.7	1 448.3
395	Pens, pencils, office, and art supplies -----	30.2	702.8	21.3	42.1	392.2	1 893.8	1 571.0	3 491.0	80.7	604.9
3951	Pens and mechanical pencils -----	8.2	213.6	5.9	11.6	128.0	647.6	469.8	1 133.9	44.4	250.8
3952	Lead pencils and art goods -----	7.4	159.5	5.5	10.9	96.1	602.3	446.0	1 047.5	19.3	199.5
3953	Marking devices -----	7.5	162.3	4.5	8.6	73.9	291.7	209.0	502.8	5.7	56.2
3955	Carbon paper and inked ribbons -----	7.1	167.4	5.4	11.0	94.3	352.3	446.2	806.8	11.4	98.4
396	Costume jewelry and notions -----	27.4	560.5	19.0	39.6	316.4	1 421.0	931.1	2 344.8	61.1	392.2
3961	Costume jewelry -----	17.2	327.8	12.1	24.0	179.7	892.8	539.4	1 427.9	9.8	216.3
3965	Fasteners, buttons, needles, and pins -----	10.1	232.8	6.9	15.6	136.7	528.2	391.7	916.9	51.3	175.9
399	Miscellaneous manufactures -----	160.0	3 950.3	109.6	221.2	2 188.3	9 505.3	6 936.5	16 343.7	347.2	2 300.6
3991	Brooms and brushes -----	13.4	316.8	9.8	19.6	185.0	789.3	609.0	1 394.7	33.3	216.2
3993	Signs and advertising specialties -----	67.7	1 721.7	43.4	86.3	870.8	3 336.1	2 452.6	5 753.3	106.6	622.2
3995	Burial caskets -----	7.9	201.1	6.2	13.6	135.3	694.6	429.8	1 117.6	27.2	117.6
3996	Hard surface floor coverings, n.e.c. -----	6.8	246.5	5.3	11.3	183.3	931.0	624.5	1 563.0	64.4	199.3
3999	Manufacturing industries, n.e.c. -----	64.1	1 464.3	44.8	90.4	813.9	3 754.3	2 820.6	6 515.0	115.7	1 145.2
—	<b>Auxiliaries<sup>3</sup> -----</b>	<b>1 286.5</b>	<b>68 975.5</b>	—	—	—	—	—	—	—	—

<sup>1</sup>Description of standard error of estimate is given in Introduction under Qualifications of the Data. Percentage standard errors shown are approximate relative standard errors of estimates of level.

<sup>2</sup>Data in value of shipments column represent value of production rather than value of shipments. Consequently, the formula for computing value added by manufacture was modified to exclude any change in finished products between beginning- and end-of-year inventories.

<sup>3</sup>In addition to the employment and payroll reported for manufacturing establishments, manufacturing concerns reported separately for auxiliary units which serve the manufacturing establishments of a company (e.g., storage warehouses, power plants, research laboratories, garages, repair shops, etc.), rather than the general public. Separate reports were obtained if these units were at different geographic locations from establishments served or if they serviced more than one manufacturing establishment. Employment and payroll data shown represent total for all such units which primarily serve manufacturing plants.

<sup>4</sup>Data in value of shipments column represent value of work done rather than value of shipments. Consequently, the formula for computing value added by manufacture was modified to exclude any change between beginning- and end-of-year inventories.

1992											Standard error of estimate <sup>1</sup> (percent) for column—			SIC code
All employees		Production workers			Value added by manufacture (million dollars)	Cost of materials (million dollars)	Value of industry shipments (million dollars)	New capital expenditures (million dollars)	End-of-year inventories (million dollars)					
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)										
K	L	M	N	O	P	Q	R	S	T	A	F	I		
<b>365.8</b>	<b>8 431.8</b>	<b>254.9</b>	<b>511.3</b>	<b>4 670.1</b>	<b>22 034.7</b>	<b>17 644.3</b>	<b>39 594.0</b>	<b>1 047.5</b>	<b>6 698.5</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>39</b>	
45.4	1 066.1	31.4	60.1	598.3	2 497.3	3 188.1	5 725.6	66.3	1 338.6	2	3	8	391	
32.3	753.5	22.3	44.3	417.0	1 757.0	2 378.2	4 163.8	36.5	938.9	3	3	9	3911	
6.7	156.5	4.9	7.4	99.8	405.0	279.1	684.1	16.9	191.5	4	11	13	3914	
6.4	156.0	4.2	8.4	81.5	335.3	530.8	877.8	12.9	208.2	5	2	23	3915	
12.2	272.7	9.4	17.9	176.6	588.4	405.7	981.3	13.8	259.4	2	3	12	393	
12.2	272.7	9.4	17.9	176.6	588.4	405.7	981.3	13.8	259.4	2	3	12	3931	
96.0	2 099.0	69.8	139.7	1 181.7	6 745.2	5 309.9	12 003.6	317.1	1 971.4	2	2	4	394	
3.6	64.1	2.8	5.2	35.8	156.5	91.1	251.0	3.0	60.4	8	7	37	3942	
30.6	673.6	23.0	46.1	392.0	2 389.8	1 818.0	4 186.2	137.3	553.8	2	2	3	3944	
61.7	1 361.4	44.0	88.5	754.0	4 198.8	3 400.8	7 566.4	176.9	1 357.1	3	3	6	3949	
30.0	666.5	20.9	40.9	368.3	1 989.0	1 426.9	3 408.7	77.8	550.9	4	5	5	395	
7.9	197.0	5.8	11.2	117.6	657.7	383.4	1 048.5	34.1	185.2	2	8	6	3951	
7.3	149.3	5.4	10.4	87.8	576.8	408.9	975.9	23.0	194.6	4	1	9	3952	
7.6	160.8	4.3	8.5	72.3	355.4	202.4	553.2	9.3	63.2	12	20	28	3953	
7.2	159.4	5.4	10.9	90.7	399.0	432.2	831.1	11.3	108.0	6	11	16	3955	
27.5	556.8	19.4	40.8	318.0	1 368.3	949.8	2 317.7	131.9	362.5	2	2	11	396	
17.5	330.9	12.6	25.3	183.3	874.5	570.2	1 449.4	12.8	204.8	3	2	7	3961	
10.0	225.9	6.8	15.5	134.7	493.8	379.6	868.2	119.1	157.8	2	3	12	3965	
154.5	3 770.8	104.0	211.9	2 027.2	8 846.5	6 363.8	15 157.1	440.6	2 215.6	2	2	5	399	
12.6	291.7	8.9	18.8	161.4	745.4	539.5	1 281.4	35.8	203.5	2	3	8	3991	
67.5	1 679.9	42.5	86.1	834.2	3 164.8	2 279.2	5 420.1	96.9	603.7	3	5	15	3993	
7.8	196.2	6.0	13.4	131.0	660.6	390.6	1 053.3	28.5	110.8	1	3	18	3995	
6.7	240.2	5.2	11.2	179.4	902.7	616.5	1 521.1	65.7	206.2	1	1	1	3996	
60.0	1 362.8	41.3	82.4	721.2	3 373.1	2 538.0	5 881.3	213.8	1 091.4	1	2	4	3999	
<b>1 265.6</b>	<b>65 737.3</b>	—	—	—	—	—	—	—	—	<b>1</b>	<b>(X)</b>	<b>(X)</b>	—	

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1993 and 1992**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—	
		Compensation (million dollars)					Compensation (million dollars)						
		Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs	Employees (1,000)	Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
	<b>All industries</b> .....	<b>16 957.9</b>	<b>642 098.6</b>	<b>504 464.0</b>	<b>52 982.1</b>	<b>84 652.5</b>	<b>16 967.5</b>	<b>627 371.3</b>	<b>494 202.6</b>	<b>51 449.7</b>	<b>81 718.6</b>	<b>1</b>	<b>1</b>
20	Food and kindred products .....	1 521.9	48 528.8	37 722.5	4 522.0	6 284.3	1 504.9	47 136.6	36 777.0	4 389.7	5 969.8	1	1
21	Tobacco products .....	36.6	2 005.9	1 423.1	126.6	456.2	38.1	2 127.3	1 524.5	131.3	471.5	1	1
22	Textile mill products .....	610.1	15 667.1	12 835.9	1 322.2	1 509.0	614.0	15 301.0	12 328.0	1 320.9	1 652.1	1	1
23	Apparel and other textile products .....	979.9	18 924.2	15 628.4	1 618.0	1 679.8	984.6	18 535.7	15 299.5	1 595.3	1 640.9	1	1
24	Lumber and wood products .....	687.1	18 730.3	15 035.6	1 911.9	1 782.8	657.5	17 317.1	13 904.4	1 779.8	1 632.9	1	1
25	Furniture and fixtures .....	484.5	13 355.7	10 742.3	1 216.6	1 396.8	472.6	12 691.8	10 220.6	1 148.0	1 323.2	2	2
26	Paper and allied products .....	627.4	26 483.7	20 216.7	2 224.4	3 342.6	625.9	25 800.6	20 477.1	2 179.2	3 144.3	1	1
27	Printing and publishing .....	1 497.2	51 189.2	42 078.8	3 855.3	5 255.1	1 500.0	50 161.1	41 263.1	3 762.5	5 135.4	1	1
28	Chemicals and allied products .....	841.0	41 903.9	33 091.7	3 041.8	5 770.4	848.2	41 052.8	32 495.2	3 009.0	5 548.5	1	1
29	Petroleum and coal products .....	113.7	6 534.1	5 135.8	538.8	859.5	114.4	6 220.0	4 965.7	465.5	788.7	1	1
30	Rubber and miscellaneous plastics products .....	938.7	31 326.4	24 512.0	2 764.9	4 049.5	906.7	29 538.6	23 120.6	2 594.2	3 823.8	1	1
31	Leather and leather products .....	98.2	2 247.0	1 813.4	217.5	216.1	100.9	2 219.8	1 796.9	211.7	211.2	3	2
32	Stone, clay, and glass products .....	468.2	17 177.4	13 407.9	1 596.8	2 177.7	468.6	16 710.0	13 110.3	1 546.5	2 053.3	1	1
33	Primary metal industries .....	653.2	30 705.8	22 707.7	2 643.8	5 354.3	661.2	29 833.0	22 163.5	2 544.5	5 125.0	1	1
34	Fabricated metal products .....	1 371.9	51 356.6	40 051.4	4 482.3	6 822.9	1 370.8	50 205.3	39 181.9	4 365.1	6 658.3	1	1
35	Industrial machinery and equipment .....	1 748.9	73 781.2	58 562.0	5 836.3	9 382.9	1 737.3	71 740.1	57 160.7	5 598.0	8 981.3	1	1
36	Electronic and other electric equipment .....	1 437.7	57 218.1	45 267.4	4 432.2	7 518.5	1 439.9	55 617.8	44 245.3	4 268.4	7 103.9	1	1
37	Transportation equipment .....	1 583.4	83 269.1	62 170.9	6 661.7	14 436.5	1 647.7	83 572.9	62 620.7	6 663.4	14 288.8	1	1
38	Instruments and related products .....	878.7	40 784.8	32 494.6	3 042.8	5 247.4	908.4	41 252.9	33 116.0	3 009.7	5 127.3	1	1
39	Miscellaneous manufacturing industries .....	379.4	10 908.9	8 867.7	926.0	1 115.2	365.8	10 337.0	8 431.8	866.8	1 038.4	1	1
<b>20</b>	<b>Food and kindred products</b> .....	<b>1 521.9</b>	<b>48 528.8</b>	<b>37 722.5</b>	<b>4 522.0</b>	<b>6 284.3</b>	<b>1 504.9</b>	<b>47 136.6</b>	<b>36 777.0</b>	<b>4 389.7</b>	<b>5 969.8</b>	<b>1</b>	<b>1</b>
201	Meat products .....	414.7	9 901.8	7 862.9	1 001.1	1 037.8	401.7	9 525.1	7 570.5	945.2	1 009.5	2	1
2011	Meat packing plants .....	125.2	3 205.5	2 545.2	354.4	305.9	122.4	3 082.1	2 452.8	339.4	289.9	1	1
2013	Sausages and other prepared meats .....	84.2	2 559.3	2 005.4	248.4	305.5	85.5	2 574.9	2 026.3	254.2	294.4	6	2
2015	Poultry slaughtering and processing .....	205.3	4 137.0	3 312.2	398.4	426.4	193.8	3 868.3	3 091.5	351.6	425.2	1	1
202	Dairy products .....	137.0	4 914.1	3 831.0	439.5	643.6	137.3	4 826.3	3 776.6	426.6	623.2	1	1
2021	Creamery butter .....	1.6	59.0	46.9	4.7	7.4	1.5	52.8	42.4	3.7	6.7	2	2
2022	Cheese, natural and processed .....	36.5	1 180.5	919.9	102.4	158.2	36.3	1 122.5	883.2	93.3	146.0	3	1
2023	Dry, condensed, and evaporated dairy products .....	15.3	591.4	458.6	49.0	83.8	15.2	588.8	451.6	48.3	89.3	3	2
2024	Ice cream and frozen desserts .....	20.4	711.7	574.5	62.3	74.9	20.9	697.4	558.2	62.6	76.5	2	2
2026	Fluid milk .....	63.1	2 371.5	1 831.0	221.1	319.4	63.4	2 364.8	1 841.1	218.6	305.1	1	1
203	Preserved fruits and vegetables .....	213.3	6 301.7	4 825.5	641.5	834.7	214.4	6 174.3	4 769.0	618.0	787.3	1	1
2032	Canned specialties .....	21.2	755.9	576.0	71.5	108.4	21.0	724.8	561.0	64.0	99.7	1	2
2033	Canned fruits and vegetables .....	61.4	1 875.8	1 432.4	204.0	239.4	63.7	1 900.7	1 466.7	207.5	226.5	2	2
2034	Dehydrated fruits, vegetables, and soups .....	13.5	416.2	320.0	39.8	56.4	13.5	420.7	320.8	41.5	58.4	3	2
2035	Pickles, sauces, and salad dressings .....	22.3	730.7	566.6	65.0	99.1	21.4	680.4	531.3	60.3	88.9	2	2
2037	Frozen fruits and vegetables .....	48.5	1 241.1	937.8	135.7	167.6	48.0	1 207.4	917.6	129.2	160.6	2	2
2038	Frozen specialties, n.e.c. .....	46.4	1 281.9	992.7	125.4	163.8	46.7	1 240.3	971.5	115.5	153.3	2	2
204	Grain mill products .....	106.3	4 357.9	3 435.6	369.1	553.2	107.4	4 243.2	3 379.7	373.9	489.5	1	1
2041	Flour and other grain mill products .....	13.4	533.6	420.8	49.3	63.5	13.1	516.9	408.9	49.7	58.3	2	3
2043	Cereal breakfast foods .....	17.6	999.0	761.8	78.2	159.0	16.1	954.9	745.3	91.1	118.5	2	1
2044	Rice milling .....	3.9	126.6	97.9	12.1	16.6	3.9	122.2	94.4	12.2	15.6	2	2
2045	Prepared flour mixes and doughs .....	14.1	547.1	436.2	46.3	64.6	15.8	534.6	429.2	43.3	62.1	2	2
2046	Wet corn milling .....	9.0	459.1	364.4	34.9	59.8	9.2	464.1	371.3	39.0	53.8	1	1
2047	Dog and cat food .....	14.3	620.0	480.5	51.7	87.8	13.8	577.5	455.6	43.6	78.4	1	2
2048	Prepared feeds, n.e.c. .....	33.9	1 072.5	874.1	96.6	101.8	35.5	1 072.9	875.0	95.0	102.9	3	3
205	Bakery products .....	219.0	7 724.3	5 783.5	699.3	1 241.5	215.0	7 459.5	5 600.1	685.6	1 173.8	1	1
2051	Bread, cake, and related products .....	158.0	5 609.0	4 206.3	506.1	896.6	155.1	5 399.2	4 061.6	493.9	843.7	1	1
2052	Cookies and crackers .....	48.2	1 747.0	1 289.0	155.7	302.3	47.2	1 690.0	1 250.3	151.5	288.3	1	1
2053	Frozen bakery products, except bread .....	12.8	368.4	288.3	37.5	42.6	12.7	370.3	288.2	40.2	41.9	3	2
206	Sugar and confectionery products .....	92.1	3 261.4	2 491.3	293.2	476.9	91.4	3 129.9	2 402.8	281.4	445.7	1	1
2061	Raw cane sugar .....	6.7	227.0	177.8	25.9	23.3	7.0	223.1	175.8	23.5	23.7	2	1
2062	Cane sugar refining .....	4.7	254.5	194.1	22.5	37.9	4.8	246.5	187.5	21.5	37.4	1	2
2063	Beet sugar .....	7.8	299.5	231.4	28.4	39.7	7.6	285.8	220.2	30.1	35.5	1	1
2064	Candy and other confectionery products and industry 2067, chewing gum .....	52.8	1 728.7	1 319.6	153.2	255.9	51.5	1 641.4	1 262.7	146.7	232.0	1	1
2066	Chocolate and cocoa products .....	10.0	446.4	334.4	36.7	75.3	9.9	426.6	323.3	35.2	68.1	1	1
2068	Salted and roasted nuts and seeds .....	10.0	305.2	233.9	26.4	44.9	10.4	306.6	233.4	24.3	48.9	1	1
207	Fats and oils .....	27.2	1 005.3	784.1	92.1	129.1	27.8	996.9	778.5	92.1	126.3	2	1
2074	Cottonseed oil mills .....	2.3	64.1	48.8	5.6	9.7	2.4	66.0	49.6	6.3	10.1	5	5
2075	Soybean oil mills .....	7.5	293.9	230.7	26.3	36.9	7.4	284.9	225.3	25.0	34.6	2	1
2076	Vegetable oil mills, n.e.c. .....	.9	35.2	27.5	3.1	4.6	.9	32.8	26.2	2.8	3.7	8	8
2077	Animal and marine fats and oils .....	8.2	280.7	222.4	27.2	31.1	8.5	277.6	220.3	28.0	29.3	4	4
2079	Edible fats and oils, n.e.c. .....	8.2	331.4	254.7	29.9	46.8	8.7	335.7	257.1	30.0	48.6	1	1
208	Beverages .....	146.9	6 347.5	4 926.3	568.0	853.2	144.3	6 150.5	4 784.8	547.3	818.4	1	1
2082	Malt beverages .....	35.3	2 103.6	1 596.3	177.7	329.6	34.5	2 059.0	1 566.7	164.8	327.5	1	1
2083	Malt .....	1.3	58.8	44.7	5.1	9.0	1.3	58.3	44.4	5.7	8.2	1	1
2084	Wines, brandy, and brandy spirits .....	14.1	564.6	436.3	46.4	81.9	14.0	544.7	425.9	45.7	73.1	3	2
2085	Distilled and blended liquors .....	7.0	306.3	245.1	24.7	36.5	7.1	306.5	243.9	24.5	38.1	1	1
2086	Bottled and canned soft drinks .....	78.6	2 842.1	2 228.1	277.3	336.7	77.1	2 757.1	2 162.9	270.0	324.3	1	1
2087	Flavoring extracts and syrups, n.e.c. .....	10.7	472.1	375.8	36.8	59.5	10.3	424.9	341.1	36.6	47.2	1	2
209	Miscellaneous food and kindred products .....	165.5	4 714.8	3 782.4	418.2	514.2	165.8	4 630.9	3 715.1	419.6	496.1	1	1
2091	Canned and cured fish and seafoods .....	7.2	174.9	142.1	18.6	14.2	7.0	165.2	132.7	18.4	14.2	2	5
2092	Fresh or frozen prepared fish .....	40.1	871.2	723.5	83.9	63.8	41.3	925.1	761.1	93.5	70.5	2	3
2095	Roasted coffee .....	10.4	435.7	339.4	33.5	62.8	10.5	433.5	340.0	33.1	60.4	2	2
2096	Pot												

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—	
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)					
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
			A	B	C	D		E	F	G	H		
<b>21</b>	<b>Tobacco products</b>	<b>36.6</b>	<b>2 005.9</b>	<b>1 423.1</b>	<b>126.6</b>	<b>456.2</b>	<b>38.1</b>	<b>2 127.3</b>	<b>1 524.5</b>	<b>131.3</b>	<b>471.5</b>	<b>1</b>	<b>1</b>
211	Cigarettes	24.7	1 616.4	1 129.4	94.9	392.1	25.4	1 707.8	1 205.0	98.2	404.6	1	1
2111	Cigarettes	24.7	1 616.4	1 129.4	94.9	392.1	25.4	1 707.8	1 205.0	98.2	404.6	1	1
212	Cigars	2.7	74.8	58.1	6.1	10.6	2.6	68.2	53.3	5.5	9.4	4	4
2121	Cigars	2.7	74.8	58.1	6.1	10.6	2.6	68.2	53.3	5.5	9.4	4	4
213	Chewing and smoking tobacco	3.1	125.2	94.1	9.3	21.8	3.2	122.6	91.8	9.1	21.7	3	5
2131	Chewing and smoking tobacco	3.1	125.2	94.1	9.3	21.8	3.2	122.6	91.8	9.1	21.7	3	5
214	Tobacco stemming and redrying	6.1	189.3	141.4	16.3	31.6	6.8	228.5	174.2	18.6	35.8	1	1
2141	Tobacco stemming and redrying	6.1	189.3	141.4	16.3	31.6	6.8	228.5	174.2	18.6	35.8	1	1
<b>22</b>	<b>Textile mill products</b>	<b>610.1</b>	<b>15 667.1</b>	<b>12 835.9</b>	<b>1 322.2</b>	<b>1 509.0</b>	<b>614.0</b>	<b>15 301.0</b>	<b>12 328.0</b>	<b>1 320.9</b>	<b>1 652.1</b>	<b>1</b>	<b>1</b>
221	Broadwoven fabric mills, cotton	55.0	1 423.6	1 184.0	112.7	126.9	55.9	1 390.1	1 146.8	112.7	130.6	1	1
2211	Broadwoven fabric mills, cotton	55.0	1 423.6	1 184.0	112.7	126.9	55.9	1 390.1	1 146.8	112.7	130.6	1	1
222	Broadwoven fabric mills, manmade fiber and silk	85.9	2 338.2	1 908.4	196.3	233.5	87.4	2 275.0	1 860.0	187.6	227.4	1	1
2221	Broadwoven fabric mills, manmade fiber and silk	85.9	2 338.2	1 908.4	196.3	233.5	87.4	2 275.0	1 860.0	187.6	227.4	1	1
223	Broadwoven fabric mills, wool	13.8	373.8	302.0	32.2	39.6	13.7	346.1	279.4	29.3	37.4	2	3
2231	Broadwoven fabric mills, wool	13.8	373.8	302.0	32.2	39.6	13.7	346.1	279.4	29.3	37.4	2	3
224	Narrow fabric mills	17.0	401.3	332.4	32.0	36.9	16.8	393.6	324.8	30.4	38.4	2	3
2241	Narrow fabric mills	17.0	401.3	332.4	32.0	36.9	16.8	393.6	324.8	30.4	38.4	2	3
225	Knitting mills	192.8	4 257.2	3 488.9	368.4	399.9	193.2	4 064.7	3 343.8	357.0	363.8	1	2
2251	Women's hosiery, except socks	21.8	430.4	353.2	41.3	35.9	25.3	480.1	398.0	44.7	37.3	2	4
2252	Hosiery, n.e.c.	38.1	746.1	624.9	60.7	60.5	38.1	712.5	596.0	59.7	56.8	5	6
2253	Knit outerwear mills	52.9	1 127.8	915.0	101.0	111.8	53.0	1 081.5	875.8	98.5	107.2	2	3
2254	Knit underwear mills	16.6	336.0	266.6	33.9	35.5	12.0	238.2	190.2	25.6	22.4	2	5
2257	Weft knit fabric mills	41.0	1 025.9	836.3	84.5	105.1	41.7	981.0	805.6	82.6	92.8	2	1
2258	Lace and warp knit fabric mills	19.5	518.9	433.4	41.5	44.0	20.0	497.9	417.6	38.3	42.0	3	2
2259	Knitting mills, n.e.c.	3.0	72.1	59.5	5.5	7.1	3.2	73.5	60.7	7.5	5.2	10	6
226	Textile finishing, except wool	50.6	1 411.1	1 168.1	117.6	125.4	50.8	1 374.5	1 139.9	111.5	123.1	2	2
2261	Finishing plants, cotton	15.2	406.5	337.5	34.6	34.4	16.0	414.7	343.8	33.2	37.7	3	4
2262	Finishing plants, manmade	25.2	751.0	620.0	62.0	69.0	24.9	724.6	599.9	59.3	65.4	3	2
2269	Finishing plants, n.e.c.	10.2	253.4	210.5	21.0	21.9	9.9	235.3	196.2	19.0	20.1	4	6
227	Carpets and rugs	50.6	1 433.4	1 186.0	125.2	122.2	49.4	1 303.7	1 088.0	111.3	104.3	2	2
2273	Carpets and rugs	50.6	1 433.4	1 186.0	125.2	122.2	49.4	1 303.7	1 088.0	111.3	104.3	2	2
228	Yarn and thread mills	89.3	2 171.4	1 791.6	182.1	197.7	92.2	2 116.5	1 743.9	170.5	202.1	2	2
2281	Yarn spinning mills	65.6	1 584.6	1 316.2	134.2	134.2	68.7	1 555.1	1 288.4	124.9	141.8	2	3
2282	Throwing and winding mills	17.2	431.7	351.1	34.4	46.2	17.3	418.5	340.1	33.3	45.1	1	1
2284	Thread mills	6.5	155.2	124.3	13.5	17.4	6.2	142.9	115.4	12.3	15.2	3	4
229	Miscellaneous textile goods	55.2	1 857.3	1 474.5	155.8	227.0	54.5	2 036.9	1 401.5	210.6	424.8	2	2
2295	Coated fabrics, not rubberized	9.9	411.6	317.3	35.5	58.8	9.2	357.0	274.1	28.4	54.5	7	5
2296	Tire cord and fabrics	5.3	160.2	118.6	12.7	28.9	5.1	155.2	112.6	12.0	30.6	1	1
2297	Nonwoven fabrics	16.1	590.8	476.3	44.0	70.5	16.8	591.6	475.6	46.6	69.5	3	2
2298	Cordage and twine	6.8	179.2	147.6	14.9	16.7	6.7	168.5	138.7	14.0	15.8	5	3
2299	Textile goods, n.e.c.	17.1	515.3	414.6	48.7	52.0	16.7	764.4	400.4	109.5	254.5	2	2
<b>23</b>	<b>Apparel and other textile products</b>	<b>979.9</b>	<b>18 924.2</b>	<b>15 626.4</b>	<b>1 618.0</b>	<b>1 679.8</b>	<b>984.6</b>	<b>18 535.7</b>	<b>15 299.5</b>	<b>1 595.3</b>	<b>1 640.9</b>	<b>1</b>	<b>1</b>
231	Men's and boys' suits and coats	41.0	881.7	686.2	83.4	112.1	43.8	916.2	720.3	83.2	112.7	3	6
2311	Men's and boys' suits and coats	41.0	881.7	686.2	83.4	112.1	43.8	916.2	720.3	83.2	112.7	3	6
232	Men's and boys' furnishings	245.3	4 383.4	3 512.5	436.1	434.8	263.3	4 558.6	3 674.6	452.1	431.8	1	1
2321	Men's and boys' shirts	72.5	1 287.6	1 039.1	120.2	128.3	84.4	1 488.8	1 205.9	134.0	149.0	2	2
2322	Men's and boys' underwear and nightwear	11.3	173.5	143.2	14.7	15.6	12.8	212.6	172.0	17.6	23.0	6	9
2323	Men's and boys' neckwear	6.3	147.8	126.0	14.5	7.3	7.5	153.8	130.2	14.1	9.5	4	15
2325	Men's and boys' trousers and slacks	76.3	1 463.5	1 118.8	176.3	168.4	78.3	1 412.3	1 098.5	173.1	140.6	1	2
2326	Men's and boys' work clothing	29.6	487.3	393.4	44.8	49.1	32.6	506.7	409.6	47.6	49.4	5	5
2329	Men's and boys' clothing, n.e.c.	49.3	823.7	692.0	65.6	66.1	47.9	784.3	658.3	65.7	60.3	3	3
233	Women's and misses' outerwear	325.7	5 814.2	4 993.2	448.9	372.1	303.8	5 306.8	4 552.0	416.9	337.9	2	2
2331	Women's, misses', and juniors' blouses and shirts	53.1	964.9	832.2	72.6	60.1	56.2	969.7	832.4	73.5	63.8	4	4
2335	Women's, misses', and juniors' dresses	87.3	1 449.8	1 279.7	96.2	73.9	83.3	1 369.7	1 204.3	93.4	72.0	3	3
2337	Women's, misses', and juniors' suits and coats	49.7	1 016.9	872.0	76.8	68.1	48.6	988.5	848.4	77.2	63.0	2	3
2339	Women's, misses', and juniors' outerwear, n.e.c.	135.7	2 382.6	2 009.3	203.3	170.0	115.8	1 978.8	1 666.8	172.8	139.2	3	3
234	Women's and children's undergarments	52.1	940.0	782.9	78.8	78.3	53.7	952.6	798.1	76.8	77.7	2	3
2341	Women's and children's underwear	37.9	626.7	519.5	51.5	55.7	41.5	692.2	578.3	54.8	59.1	2	4
2342	Brassieres, girdles, and allied garments	14.2	313.4	263.5	27.4	22.5	12.1	260.4	219.8	21.9	18.7	2	2
235	Hats, caps, and millinery	19.9	372.6	313.4	30.6	28.6	18.8	334.3	281.4	28.3	24.7	2	4
2353	Hats, caps, and millinery	19.9	372.6	313.4	30.6	28.6	18.8	334.3	281.4	28.3	24.7	2	4
236	Girls' and children's outerwear	49.3	926.5	776.6	80.1	69.8	53.8	931.4	780.7	78.7	72.1	4	7
2361	Girls' and children's dresses and blouses	23.3	408.8	346.2	33.2	29.4	24.2	432.8	367.3	35.7	29.8	3	10
2369	Girls' and children's outerwear, n.e.c.	26.1	517.8	430.4	46.9	40.5	29.5	498.6	413.4	43.0	42.2	6	9
237	Fur goods	.9	22.1	20.1	1.2	.8	1.0	26.1	23.5	1.6	1.1	25	15
2371	Fur goods	.9	22.1	20.1	1.2	.8	1.0	26.1	23.5	1.6	1.1	25	15

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—		
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)						
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs			
			A	B	C	D		E	F	G	H			I
<b>23</b>	<b>Apparel and other textile products—Con.</b>													
238	Miscellaneous apparel and accessories.....	33.7	640.8	530.6	53.7	56.5	35.8	668.8	554.0	55.8	59.0	5	4	
2381	Fabrics dress and work gloves.....	4.3	78.7	63.1	7.3	8.3	3.9	72.6	57.9	5.8	8.9	27	18	
2384	Robes and dressing gowns.....	5.6	87.0	72.9	8.7	5.4	6.8	102.3	85.9	10.8	5.6	5	12	
2385	Waterproof outerwear.....	3.4	69.9	56.9	4.8	8.2	4.1	81.9	64.5	6.4	11.0	6	2	
2386	Leather and sheep-lined clothing.....	2.6	56.1	48.7	4.2	3.2	2.5	52.9	45.9	4.0	3.0	7	6	
2387	Apparel belts.....	7.6	173.4	143.4	14.4	15.6	8.0	179.5	150.6	14.1	14.7	6	6	
2389	Apparel and accessories, n.e.c.....	10.2	175.7	145.6	14.3	15.8	10.4	179.7	149.2	14.7	15.8	7	8	
239	Miscellaneous fabricated textile products ..	211.9	4 942.8	4 010.9	405.1	526.8	210.5	4 840.9	3 915.0	402.0	523.9	3	2	
2391	Curtains and draperies.....	20.7	377.1	311.3	33.7	32.1	21.8	406.9	337.3	32.9	36.7	5	5	
2392	Housefurnishings, n.e.c.....	51.6	1 096.7	907.7	91.9	97.1	52.0	1 059.4	870.3	86.6	102.5	2	3	
2393	Textile bags.....	11.6	233.2	191.9	17.9	23.4	11.9	230.2	185.9	20.3	24.0	31	4	
2394	Canvas and related products.....	14.3	355.2	291.0	27.4	36.8	14.2	335.8	275.3	27.7	32.8	10	8	
2395	Pleating and stitching.....	14.6	259.0	221.2	21.0	16.8	13.7	242.0	205.0	19.5	17.5	5	5	
2396	Automotive and apparel trimmings.....	60.0	1 740.7	1 366.0	134.8	239.9	57.1	1 682.2	1 334.3	127.9	219.9	2	2	
2397	Schiffli machine embroideries.....	5.6	121.1	102.6	9.9	8.6	5.5	131.4	100.2	16.3	14.9	4	6	
2399	Fabricated textile products, n.e.c.....	33.6	759.9	619.2	68.6	72.1	34.3	753.0	606.7	70.7	75.6	8	10	
<b>24</b>	<b>Lumber and wood products.....</b>	<b>687.1</b>	<b>18 730.3</b>	<b>15 035.6</b>	<b>1 911.9</b>	<b>1 782.8</b>	<b>657.5</b>	<b>17 317.1</b>	<b>13 904.4</b>	<b>1 779.8</b>	<b>1 632.9</b>	<b>1</b>	<b>1</b>	
241	Logging.....	86.8	2 284.9	1 787.6	281.4	215.9	83.6	2 168.9	1 693.1	275.2	200.6	2	3	
2411	Logging.....	86.8	2 284.9	1 787.6	281.4	215.9	83.6	2 168.9	1 693.1	275.2	200.6	2	3	
242	Sawmills and planing mills.....	174.7	4 953.9	3 904.4	521.4	528.1	168.4	4 553.0	3 578.7	476.2	498.1	2	2	
2421	Sawmills and planing mills, general.....	141.5	4 208.6	3 289.6	448.4	470.6	138.1	3 902.2	3 045.5	412.5	444.2	2	2	
2426	Hardwood dimension and flooring mills ..	31.3	702.6	579.6	68.7	54.3	28.5	612.6	501.9	59.6	51.1	4	8	
2429	Special product sawmills, n.e.c.....	1.9	42.6	35.2	4.3	3.1	1.8	38.2	31.3	4.1	2.8	6	16	
243	Millwork, plywood, and structural members.....	231.9	6 576.3	5 328.5	626.2	621.6	224.8	6 193.2	5 028.6	595.9	568.7	1	1	
2431	Millwork.....	89.9	2 601.5	2 118.8	249.8	232.9	86.3	2 430.1	1 983.9	233.2	213.0	2	2	
2434	Wood kitchen cabinets.....	65.6	1 662.4	1 369.3	153.6	139.5	62.8	1 580.9	1 307.5	146.0	127.4	2	3	
2435	Hardwood veneer and plywood.....	20.0	522.8	421.6	52.0	49.2	20.1	490.9	394.7	48.2	48.0	3	3	
2436	Softwood veneer and plywood.....	30.8	1 098.7	849.5	99.8	149.4	31.3	1 065.1	827.4	103.1	134.6	2	2	
2439	Structural wood members, n.e.c.....	25.6	690.9	569.3	71.0	50.6	24.3	626.2	515.1	65.5	45.6	2	3	
244	Wood containers.....	41.0	843.9	704.5	80.1	59.3	39.9	767.1	640.1	72.8	54.2	4	5	
2441	Nailed wood boxes and shooks.....	5.2	144.7	119.2	12.7	12.8	5.9	124.8	101.2	11.8	11.8	16	18	
2448	Wood pallets and skids.....	30.1	585.2	491.8	56.0	37.4	28.7	533.9	449.4	50.6	34.0	3	4	
2449	Wood containers, n.e.c.....	5.7	113.9	93.5	11.4	9.0	5.4	108.3	89.4	10.4	8.4	6	8	
245	Wood buildings and mobile homes.....	62.1	1 753.5	1 452.7	182.2	118.6	56.1	1 474.1	1 227.3	152.2	94.6	3	4	
2451	Mobile homes.....	42.4	1 198.4	999.4	123.1	75.9	37.0	969.9	813.2	100.1	56.6	3	6	
2452	Prefabricated wood buildings.....	19.7	555.2	453.3	59.1	42.8	19.0	504.2	414.1	52.1	38.0	5	5	
249	Miscellaneous wood products.....	90.6	2 317.8	1 857.9	220.6	239.3	84.6	2 160.6	1 736.5	207.5	216.7	3	2	
2491	Wood preserving.....	11.3	313.6	253.9	28.1	31.6	10.8	286.1	232.8	26.1	27.1	4	4	
2493	Reconstituted wood products.....	23.5	832.5	658.4	78.5	95.6	22.8	779.9	614.3	76.6	89.0	1	1	
2499	Wood products, n.e.c.....	55.8	1 171.6	945.6	114.0	112.0	51.1	1 094.7	889.4	104.8	100.5	4	4	
<b>25</b>	<b>Furniture and fixtures.....</b>	<b>484.5</b>	<b>13 355.7</b>	<b>10 742.3</b>	<b>1 216.6</b>	<b>1 396.8</b>	<b>472.6</b>	<b>12 691.8</b>	<b>10 220.6</b>	<b>1 148.0</b>	<b>1 323.2</b>	<b>2</b>	<b>2</b>	
251	Household furniture.....	257.7	6 118.2	5 003.3	558.9	556.0	256.9	5 959.6	4 862.0	539.4	558.2	3	3	
2511	Wood household furniture.....	119.1	2 662.9	2 183.8	238.2	240.9	121.1	2 657.0	2 173.5	234.6	248.8	5	5	
2512	Upholstered household furniture.....	81.5	1 939.9	1 617.6	170.5	151.8	79.2	1 848.7	1 535.2	156.2	157.2	6	1	
2514	Metal household furniture.....	23.4	600.8	473.5	62.3	65.0	23.8	592.9	468.8	60.2	63.8	3	2	
2515	Mattresses and bedspreads.....	23.6	646.5	522.3	65.1	59.1	22.6	604.8	488.0	62.6	54.1	5	5	
2517	Wood television and radio cabinets.....	4.1	104.7	79.7	8.4	16.6	4.5	110.3	83.5	9.6	17.2	8	4	
2519	Household furniture, n.e.c.....	6.0	163.4	126.4	14.5	22.5	5.6	146.0	113.0	16.1	16.9	7	5	
252	Office furniture.....	69.6	2 503.5	1 949.2	213.4	340.9	67.9	2 393.5	1 866.9	213.0	313.6	1	1	
2521	Wood office furniture.....	23.2	677.9	549.9	55.2	72.8	23.4	651.9	529.1	53.1	69.8	3	2	
2522	Office furniture, except wood.....	46.4	1 825.4	1 399.2	158.1	268.1	44.5	1 741.5	1 337.7	159.9	243.8	1	1	
253	Public building and related furniture.....	32.4	977.7	776.8	105.6	95.3	28.9	852.6	677.9	88.3	86.3	3	3	
2531	Public building and related furniture.....	32.4	977.7	776.8	105.6	95.3	28.9	852.6	677.9	88.3	86.3	3	3	
254	Partitions and fixtures.....	78.0	2 406.6	1 926.4	221.0	259.2	74.2	2 256.8	1 814.0	208.1	234.7	2	4	
2541	Wood partitions and fixtures.....	40.8	1 236.6	1 002.2	113.8	120.6	39.4	1 173.1	950.3	108.4	114.4	3	4	
2542	Partitions and fixtures, except wood.....	37.2	1 170.0	924.2	107.2	138.6	34.8	1 083.7	863.8	99.6	120.3	3	6	
259	Miscellaneous furniture and fixtures.....	46.8	1 349.8	1 086.6	117.7	145.5	44.7	1 229.5	999.9	99.2	130.4	4	5	
2591	Draperies hardware and blinds and shades.....	18.8	507.6	390.9	51.9	64.8	19.4	502.9	395.5	46.7	60.7	7	7	
2599	Furniture and fixtures, n.e.c.....	28.0	842.2	695.8	65.8	80.6	25.3	726.7	604.5	52.5	69.7	5	6	
<b>26</b>	<b>Paper and allied products.....</b>	<b>627.4</b>	<b>26 483.7</b>	<b>20 916.7</b>	<b>2 224.4</b>	<b>3 342.6</b>	<b>625.9</b>	<b>25 800.6</b>	<b>20 477.1</b>	<b>2 179.2</b>	<b>3 144.3</b>	<b>1</b>	<b>1</b>	
261	Pulp mills.....	14.2	794.7	625.9	60.0	108.8	15.9	884.0	689.1	70.6	124.3	1	1	
2611	Pulp mills.....	14.2	794.7	625.9	60.0	108.8	15.9	884.0	689.1	70.6	124.3	1	1	
262	Paper mills.....	127.9	6 923.5	5 438.0	553.3	932.2	130.6	6 860.2	5 420.5	561.8	877.8	1	1	
2621	Paper mills.....	127.9	6 923.5	5 438.0	553.3	932.2	130.6	6 860.2	5 420.5	561.8	877.8	1	1	
263	Paperboard mills.....	51.6	2 736.9	2 171.5	225.9	339.5	51.5	2 668.3	2 136.4	217.1	314.8	1	1	
2631	Paperboard mills.....	51.6	2 736.9	2 171.5	225.9	339.5	51.5	2 668.3	2 136.4	217.1	314.8	1	1	
265	Paperboard containers and boxes.....	200.5	7 445.1	5 920.0	662.1	863.0	198.8	7 135.3	5 706.1	623.0	806.2	1	2	
2652	Setup paperboard boxes.....	6.7	163.5	134.5	14.4	14.6	6.6	157.8	129.2	13.9	14.7	5	7	
2653	Corrugated and solid fiber boxes.....	113.7	4 312.3	3 449.2	387.0	476.1	111.7	4 054.2	3 263.9	356.5	433.7	1	2	
2655	Fiber cans, drums, and similar products.....	11.7	418.9	335.1	33.4	50.4	12.4	420.4	337.1	33.6	49.7	5	4	
2656	Sanitary food containers.....	15.7	504.2	391.5	46.8	65.9	15.4	494.3	385.9	44.5	63.9	1	2	
2657	Folding paperboard boxes.....	52.7	2 046.2	1 609.6	180.5	256.1	52.7	2 008.7	1 590.1	174.5	244.2	3	3	

See footnotes at end of table.



**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—		
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)						
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs			
			A	B	C	D		E	F	G	H			I
<b>26</b>	<b>Paper and allied products—Con.</b>													
267	Miscellaneous converted paper products ..	233.2	8 583.6	6 761.4	723.2	1 099.0	229.1	8 253.0	6 525.0	706.8	1 021.2	1	1	
2671	Paper coated and laminated, packaging .....	18.5	718.9	578.4	57.8	82.7	17.3	671.3	533.9	56.3	81.1	2	2	
2672	Paper coated and laminated, n.e.c. ....	32.8	1 388.3	1 092.7	118.1	177.5	32.4	1 318.9	1 041.6	113.4	163.9	2	1	
2673	Bags: plastics, laminated, and coated ..	39.4	1 272.6	1 014.9	104.2	153.5	38.7	1 230.4	988.7	103.4	138.4	1	1	
2674	Bags: uncoated paper and multiwall .....	18.8	583.9	455.4	53.6	74.9	18.6	561.8	438.3	53.1	70.4	1	1	
2675	Die-cut paper and board .....	16.0	512.5	406.1	45.1	61.3	15.6	474.5	375.2	41.0	58.4	6	3	
2676	Sanitary paper products .....	39.8	1 878.4	1 449.5	143.6	285.3	40.5	1 864.5	1 451.1	146.5	268.8	1	1	
2677	Envelopes .....	24.7	843.7	675.0	74.8	93.9	24.9	838.6	672.3	76.7	89.6	1	2	
2678	Stationery products .....	9.4	286.8	223.3	28.6	34.9	9.5	281.1	220.9	28.9	33.3	2	1	
2679	Converted paper products, n.e.c. ....	33.8	1 098.1	865.9	97.3	134.9	31.6	1 011.7	802.9	89.4	119.4	2	2	
<b>27</b>	<b>Printing and publishing .....</b>	<b>1 497.2</b>	<b>51 189.2</b>	<b>42 078.8</b>	<b>3 855.3</b>	<b>5 255.1</b>	<b>1 500.0</b>	<b>50 161.1</b>	<b>41 263.1</b>	<b>3 762.5</b>	<b>5 135.4</b>	<b>1</b>	<b>1</b>	
271	Newspapers .....	411.7	12 889.9	10 429.9	1 031.7	1 428.3	417.0	12 938.0	10 506.4	1 009.2	1 422.4	1	1	
2711	Newspapers .....	411.7	12 889.9	10 429.9	1 031.7	1 428.3	417.0	12 938.0	10 506.4	1 009.2	1 422.4	1	1	
272	Periodicals .....	118.6	5 130.4	4 307.1	336.1	487.2	116.2	4 860.3	4 074.5	316.4	469.5	1	2	
2721	Periodicals .....	118.6	5 130.4	4 307.1	336.1	487.2	116.2	4 860.3	4 074.5	316.4	469.5	1	2	
273	Books .....	132.2	5 085.6	4 169.8	371.1	544.7	130.5	4 915.8	4 036.4	361.0	518.5	2	1	
2731	Book publishing .....	82.5	3 407.3	2 797.2	237.8	372.3	79.6	3 245.3	2 675.7	223.0	346.6	2	2	
2732	Book printing .....	49.6	1 678.3	1 372.6	133.3	172.4	50.9	1 670.5	1 360.7	137.9	171.9	2	2	
274	Miscellaneous publishing .....	66.3	2 250.9	1 883.4	149.7	217.8	65.4	2 074.7	1 732.9	135.7	206.2	2	2	
2741	Miscellaneous publishing .....	66.3	2 250.9	1 883.4	149.7	217.8	65.4	2 074.7	1 732.9	135.7	206.2	2	2	
275	Commercial printing .....	572.6	19 156.3	15 825.7	1 467.6	1 863.0	568.7	18 559.4	15 370.7	1 411.5	1 772.2	1	1	
2752	Commercial printing, lithographic .....	438.4	14 838.0	12 311.8	1 143.9	1 382.3	439.9	14 467.1	12 047.5	1 101.7	1 317.9	1	1	
2754	Commercial printing, gravure .....	21.5	887.1	723.5	67.7	95.9	21.5	877.3	726.2	65.4	85.6	1	1	
2759	Commercial printing, n.e.c. ....	112.7	3 431.4	2 790.5	256.1	384.8	107.3	3 214.9	2 596.9	244.3	373.7	2	2	
276	Manifold business forms .....	46.8	1 630.1	1 327.8	126.8	175.5	47.9	1 696.3	1 343.2	150.6	202.5	1	1	
2761	Manifold business forms .....	46.8	1 630.1	1 327.8	126.8	175.5	47.9	1 696.3	1 343.2	150.6	202.5	1	1	
277	Greeting cards .....	22.3	764.8	611.1	56.9	96.8	22.8	739.6	585.1	57.8	96.8	1	2	
2771	Greeting cards .....	22.3	764.8	611.1	56.9	96.8	22.8	739.6	585.1	57.8	96.8	1	2	
278	Blankbooks and bookbinding .....	63.2	1 762.9	1 401.9	137.0	224.0	66.8	1 851.3	1 481.0	142.5	227.2	2	1	
2782	Blankbooks and looseleaf binders .....	37.6	1 125.2	877.1	84.8	163.3	39.1	1 183.7	932.1	87.2	164.4	2	1	
2789	Bookbinding and related work .....	25.6	637.8	524.8	52.3	60.7	27.7	667.6	548.9	55.3	63.4	3	3	
279	Printing trade services .....	63.5	2 518.3	2 122.2	178.4	217.7	64.8	2 525.7	2 133.0	177.9	214.8	2	2	
2791	Typesetting .....	25.3	805.5	673.7	57.6	74.2	26.1	819.4	687.6	57.6	74.2	2	3	
2796	Platemaking services .....	38.2	1 712.8	1 448.5	120.8	143.5	38.7	1 706.3	1 445.4	120.3	140.6	3	2	
<b>28</b>	<b>Chemicals and allied products .....</b>	<b>841.0</b>	<b>41 903.9</b>	<b>33 091.7</b>	<b>3 041.8</b>	<b>5 770.4</b>	<b>848.2</b>	<b>41 052.8</b>	<b>32 495.2</b>	<b>3 009.0</b>	<b>5 548.5</b>	<b>1</b>	<b>1</b>	
281	Industrial inorganic chemicals .....	93.8	4 970.5	3 888.9	399.7	681.9	103.5	5 381.5	4 233.2	413.0	735.3	1	1	
2812	Alkalies and chlorine .....	7.8	460.0	355.5	33.3	71.2	8.0	466.5	353.3	37.2	76.0	1	1	
2813	Industrial gases .....	7.8	362.7	275.2	28.5	59.0	7.7	345.0	261.8	27.7	55.5	3	2	
2816	Inorganic pigments .....	8.7	422.7	336.2	33.5	53.0	8.6	435.7	347.7	33.4	54.6	1	1	
2819	Industrial inorganic chemicals, n.e.c. ....	69.5	3 725.0	2 922.0	304.3	498.7	79.1	4 134.4	3 270.5	314.7	549.2	1	1	
282	Plastics materials and synthetics .....	125.6	6 555.9	5 112.5	490.8	952.6	127.5	6 521.7	5 102.7	464.4	954.5	1	1	
2821	Plastics materials and resins .....	62.0	3 540.4	2 793.7	255.0	491.7	60.4	3 381.4	2 671.6	245.6	464.2	1	1	
2822	Synthetic rubber .....	11.9	721.7	542.3	51.8	127.6	11.7	679.2	513.1	47.5	118.5	1	1	
2823	Cellulosic manmade fibers .....	9.3	406.4	301.2	33.5	71.7	11.0	476.2	372.8	31.9	71.5	1	1	
2824	Organic fibers, noncellulosic .....	42.3	1 887.3	1 475.4	150.4	261.5	44.4	1 984.8	1 545.2	139.4	300.3	1	1	
283	Drugs .....	201.7	10 610.9	8 507.7	703.9	1 399.3	194.0	9 724.9	7 822.0	659.4	1 243.5	1	1	
2833	Medicinals and botanicals .....	12.9	729.0	606.6	47.2	75.2	13.0	703.1	587.1	43.9	72.1	1	1	
2834	Pharmaceutical preparations .....	130.7	6 772.1	5 412.4	434.4	925.3	122.8	6 175.3	4 949.4	418.6	807.3	1	1	
2835	Diagnostic substances .....	39.3	2 195.6	1 758.4	154.3	282.9	39.8	2 069.3	1 658.3	143.2	267.8	1	3	
2836	Biological products, except diagnostic ..	18.9	914.2	730.3	68.0	115.9	18.4	777.1	627.2	53.6	96.3	2	2	
284	Soaps, cleaners, and toilet goods .....	124.9	5 145.6	4 082.7	361.9	701.0	123.2	4 974.9	3 941.8	366.4	666.7	2	2	
2841	Soap and other detergents .....	31.4	1 481.2	1 149.3	102.0	229.9	32.9	1 492.4	1 175.9	105.4	211.1	4	6	
2842	Polishes and sanitation goods .....	22.9	876.2	709.4	58.9	107.9	22.0	815.4	662.4	54.5	98.5	3	2	
2843	Surface active agents .....	8.6	435.9	358.6	29.8	47.5	8.2	392.5	320.3	27.1	45.1	2	3	
2844	Toilet preparations .....	62.0	2 352.2	1 865.3	171.2	315.7	60.1	2 274.7	1 783.3	179.4	312.0	2	1	
285	Paints and allied products .....	50.2	2 140.8	1 696.1	175.5	269.2	51.2	2 138.8	1 711.4	172.9	254.6	2	1	
2851	Paints and allied products .....	50.2	2 140.8	1 696.1	175.5	269.2	51.2	2 138.8	1 711.4	172.9	254.6	2	1	
286	Industrial organic chemicals .....	123.7	7 179.0	5 602.8	504.1	1 072.1	124.8	6 996.4	5 507.1	490.7	998.6	1	1	
2861	Gum and wood chemicals .....	2.6	92.6	72.1	7.6	12.9	2.5	84.6	67.8	6.8	10.0	4	5	
2865	Cyclic crudes and intermediates .....	23.3	1 316.6	1 028.0	102.8	185.8	22.2	1 186.0	934.6	92.7	158.7	2	1	
2869	Industrial organic chemicals, n.e.c. ....	97.8	5 769.9	4 502.7	393.7	873.5	100.1	5 725.9	4 504.8	391.2	829.9	1	1	
287	Agricultural chemicals .....	39.2	1 836.1	1 447.5	137.3	251.3	40.3	1 850.9	1 451.7	141.2	258.0	3	2	
2873	Nitrogenous fertilizers .....	7.0	338.6	270.4	27.5	40.7	7.0	320.3	257.6	25.7	37.0	1	2	
2874	Phosphatic fertilizers .....	9.4	428.0	333.0	33.8	61.2	9.5	443.6	342.1	36.7	64.7	7	4	
2875	Fertilizers, mixing only .....	6.7	219.0	178.9	19.0	21.1	6.9	219.7	181.9	17.4	20.4	9	4	
2879	Agricultural chemicals, n.e.c. ....	16.1	850.6	665.2	57.0	128.4	16.9	867.4	670.2	61.3	135.9	3	1	
289	Miscellaneous chemical products .....	81.9	3 465.3	2 753.5	268.7	443.1	83.8	3 463.6	2 725.2	301.0	437.4	2	3	
2891	Adhesives and sealants .....	20.9	869.6	687.4	69.5	112.7	21.1	851.8	677.8	67.6	106.4	2	2	
2892	Explosives .....	10.1	409.5	315.9	28.5	65.1	11.4	452.6	338.6	35.7	78.3	2	2	
2893	Printing ink .....	12.0	509.5	404.1	40.0	65.4	12.3	507.8	407.4	38.2	62.2	2	3	
2895	Carbon black .....	1.8	95.8	74.7	7.6	13.5	1.9	93.6	73.7	6.6	13.2	1	2	
2899	Chemical preparations, n.e.c. ....	37.0	1 581.0	1 271.4	123.1	186.5	37.1	1 557.8	1 227.7	152.9	177.3	3	6	

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—	
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)					
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
			A	B	C	D		E	F	G	H		
<b>29</b>	<b>Petroleum and coal products</b> .....	<b>113.7</b>	<b>6 534.1</b>	<b>5 135.8</b>	<b>538.8</b>	<b>859.5</b>	<b>114.4</b>	<b>6 220.0</b>	<b>4 965.7</b>	<b>465.5</b>	<b>788.7</b>	<b>1</b>	<b>1</b>
291	Petroleum refining .....	73.2	4 792.2	3 734.3	386.6	671.3	74.8	4 570.8	3 636.3	317.2	617.3	1	1
2911	Petroleum refining .....	73.2	4 792.2	3 734.3	386.6	671.3	74.8	4 570.8	3 636.3	317.2	617.3	1	1
295	Asphalt paving and roofing materials .....	26.3	1 121.1	891.9	101.3	127.9	25.6	1 063.2	846.2	100.3	116.7	3	3
2951	Asphalt paving mixtures and blocks .....	13.4	575.2	450.8	53.4	71.0	13.2	555.5	433.8	56.7	65.0	5	4
2952	Asphalt felts and coatings .....	12.9	545.7	441.0	47.8	56.9	12.4	507.8	412.5	43.6	51.7	1	1
299	Miscellaneous petroleum and coal products .....	14.3	621.1	509.7	51.0	60.4	13.9	585.9	483.2	48.0	54.7	2	2
2992	Lubricating oils and greases .....	12.1	524.2	433.0	42.8	48.4	11.8	498.6	413.9	40.8	43.8	2	2
2999	Petroleum and coal products, n.e.c. ....	2.2	96.9	76.7	8.2	12.0	2.1	87.4	69.3	7.2	10.8	5	5
<b>30</b>	<b>Rubber and miscellaneous plastics products</b> .....	<b>938.7</b>	<b>31 326.4</b>	<b>24 512.0</b>	<b>2 764.9</b>	<b>4 049.5</b>	<b>906.7</b>	<b>29 538.6</b>	<b>23 120.6</b>	<b>2 594.2</b>	<b>3 823.8</b>	<b>1</b>	<b>1</b>
301	Tires and inner tubes .....	65.1	3 570.8	2 594.8	286.7	689.3	64.6	3 436.5	2 498.5	289.0	649.0	1	1
3011	Tires and inner tubes .....	65.1	3 570.8	2 594.8	286.7	689.3	64.6	3 436.5	2 498.5	289.0	649.0	1	1
302	Rubber and plastics footwear .....	12.0	247.6	201.4	25.5	20.7	13.6	260.9	215.5	25.6	19.8	2	1
3021	Rubber and plastics footwear .....	12.0	247.6	201.4	25.5	20.7	13.6	260.9	215.5	25.6	19.8	2	1
305	Hose and belting and gaskets and packing .....	55.0	1 900.5	1 470.1	158.2	272.2	52.3	1 813.4	1 412.8	145.6	255.0	2	1
3052	Rubber and plastics hose and belting .....	21.6	741.9	557.4	63.0	121.5	19.9	704.2	533.4	56.7	114.1	2	2
3053	Gaskets, packing, and sealing devices .....	33.4	1 158.6	912.7	95.2	150.7	32.4	1 109.1	879.3	88.9	140.9	3	2
306	Fabricated rubber products, n.e.c. ....	109.5	3 597.9	2 766.2	327.7	504.0	105.8	3 394.7	2 610.2	307.0	477.5	2	1
3061	Mechanical rubber goods .....	50.6	1 669.5	1 273.6	152.7	243.2	48.5	1 576.6	1 196.3	147.3	233.0	2	2
3069	Fabricated rubber products, n.e.c. ....	58.9	1 928.4	1 492.6	175.1	260.7	57.3	1 818.1	1 413.9	159.7	244.5	2	2
308	Miscellaneous plastics products, n.e.c. ....	697.1	22 009.7	17 479.6	1 966.8	2 563.3	670.5	20 633.3	16 383.7	1 827.0	2 422.6	1	1
3081	Unsupported plastics film and sheet .....	56.2	2 232.2	1 744.8	178.2	309.2	54.9	2 135.2	1 680.9	168.3	286.0	1	1
3082	Unsupported plastics profile shapes .....	28.4	910.2	729.3	75.2	105.7	27.0	878.6	706.3	71.8	100.5	6	3
3083	Laminated plastics plate, sheet, and profile shapes .....	15.3	573.2	442.4	43.6	87.2	15.6	565.6	435.2	43.5	86.8	2	2
3084	Plastics pipe .....	13.5	422.3	336.5	37.6	48.2	12.6	394.8	314.1	34.9	45.8	3	3
3085	Plastics bottles .....	33.2	1 066.0	836.0	97.6	132.4	32.7	995.3	781.4	89.0	124.9	2	2
3086	Plastics foam products .....	69.1	2 114.3	1 658.4	198.5	257.4	66.9	2 024.9	1 587.9	191.4	245.5	2	1
3087	Custom compounding of purchased plastics resins .....	25.0	917.4	738.0	79.1	100.3	23.6	849.2	684.3	68.6	96.4	3	6
3088	Plastics plumbing fixtures .....	12.1	321.4	252.3	28.4	40.7	10.7	287.6	228.2	24.1	35.3	3	4
3089	Plastics products, n.e.c. ....	444.4	13 452.5	10 741.9	1 228.5	1 482.1	426.4	12 502.2	9 965.4	1 135.4	1 401.4	1	1
<b>31</b>	<b>Leather and leather products</b> .....	<b>98.2</b>	<b>2 247.0</b>	<b>1 813.4</b>	<b>217.5</b>	<b>216.1</b>	<b>100.9</b>	<b>2 219.8</b>	<b>1 796.9</b>	<b>211.7</b>	<b>211.2</b>	<b>3</b>	<b>2</b>
311	Leather tanning and finishing .....	16.8	553.8	428.9	56.1	68.8	16.6	540.6	420.3	56.9	63.4	2	2
3111	Leather tanning and finishing .....	16.8	553.8	428.9	56.1	68.8	16.6	540.6	420.3	56.9	63.4	2	2
313	Footwear cut stock .....	3.5	79.5	64.7	7.3	7.5	3.7	76.8	63.3	6.7	6.8	2	9
3131	Footwear cut stock .....	3.5	79.5	64.7	7.3	7.5	3.7	76.8	63.3	6.7	6.8	2	9
314	Footwear, except rubber .....	48.5	975.7	795.4	95.5	84.8	49.1	938.1	761.9	90.1	86.1	3	3
3142	House slippers .....	3.7	74.1	61.8	7.4	4.9	3.8	71.9	59.2	7.4	5.3	6	11
3143	Men's footwear, except athletic .....	24.6	528.5	430.3	48.9	49.3	24.2	490.9	398.9	43.8	48.2	5	4
3144	Women's footwear, except athletic .....	14.4	269.3	219.8	28.5	21.0	15.0	269.8	219.5	27.7	22.6	3	3
3149	Footwear, except rubber, n.e.c. ....	5.8	103.8	83.4	10.7	9.7	6.0	105.6	84.4	11.2	10.0	4	5
315	Leather gloves and mittens .....	2.7	38.7	33.6	2.9	2.2	2.8	43.7	36.2	3.5	3.9	26	52
3151	Leather gloves and mittens .....	2.7	38.7	33.6	2.9	2.2	2.8	43.7	36.2	3.5	3.9	26	52
316	Luggage .....	9.3	227.6	186.1	23.2	18.3	9.7	222.6	181.8	23.3	17.4	3	1
3161	Luggage .....	9.3	227.6	186.1	23.2	18.3	9.7	222.6	181.8	23.3	17.4	3	1
317	Handbags and personal leather goods .....	9.4	203.6	169.0	14.8	19.8	11.2	237.6	201.1	17.9	18.6	6	3
3171	Women's handbags and purses .....	4.0	84.8	70.0	5.7	9.1	5.1	111.0	94.7	8.3	8.0	7	5
3172	Personal leather goods, n.e.c. ....	5.3	118.8	99.0	9.2	10.6	6.1	126.7	106.4	9.6	10.7	8	1
319	Leather goods, n.e.c. ....	8.1	168.2	135.7	17.8	14.7	7.9	160.5	132.3	13.2	15.0	21	11
3199	Leather goods, n.e.c. ....	8.1	168.2	135.7	17.8	14.7	7.9	160.5	132.3	13.2	15.0	21	11
<b>32</b>	<b>Stone, clay, and glass products</b> .....	<b>468.2</b>	<b>17 177.4</b>	<b>13 407.9</b>	<b>1 596.8</b>	<b>2 172.7</b>	<b>468.6</b>	<b>16 710.0</b>	<b>13 110.3</b>	<b>1 546.5</b>	<b>2 053.3</b>	<b>1</b>	<b>1</b>
321	Flat glass .....	11.3	612.4	466.4	47.8	98.2	11.9	594.0	452.1	46.8	95.1	1	1
3211	Flat glass .....	11.3	612.4	466.4	47.8	98.2	11.9	594.0	452.1	46.8	95.1	1	1
322	Glass and glassware, pressed or blown .....	64.9	2 783.9	2 052.8	265.0	466.1	66.1	2 769.5	2 077.1	257.6	434.9	1	1
3221	Glass containers .....	30.8	1 377.4	998.4	135.3	243.7	32.3	1 418.9	1 052.4	137.3	229.3	1	1
3229	Pressed and blown glass, n.e.c. ....	34.1	1 406.6	1 054.4	129.8	222.4	33.9	1 350.5	1 024.6	120.3	205.6	1	1
323	Products of purchased glass .....	54.7	1 842.9	1 441.0	157.1	244.8	54.7	1 725.9	1 363.8	150.3	211.9	2	2
3231	Products of purchased glass .....	54.7	1 842.9	1 441.0	157.1	244.8	54.7	1 725.9	1 363.8	150.3	211.9	2	2
324	Cement, hydraulic .....	16.6	777.5	589.7	71.7	116.1	17.0	778.9	594.9	69.3	114.7	2	2
3241	Cement, hydraulic .....	16.6	777.5	589.7	71.7	116.1	17.0	778.9	594.9	69.3	114.7	2	2
325	Structural clay products .....	30.3	927.2	744.4	90.8	92.0	31.0	915.1	734.9	88.6	91.6	2	2
3251	Brick and structural clay tile .....	14.7	412.8	335.5	41.5	35.8	14.2	384.4	316.3	36.3	31.8	3	3
3253	Ceramic wall and floor tile .....	8.7	253.3	206.3	23.3	23.7	8.9	242.9	196.9	23.7	22.3	1	2
3255	Clay refractories .....	5.3	210.1	163.9	19.9	26.3	6.2	238.7	183.8	23.0	31.8	5	5
3259	Structural clay products, n.e.c. ....	1.7	50.9	38.7	6.0	6.2	1.7	49.1	37.8	5.5	5.8	3	7
326	Pottery and related products .....	37.3	1 133.0	878.4	110.2	144.4	35.9	1 090.3	844.8	103.0	142.5	2	2
3261	Vitreous plumbing fixtures .....	9.1	322.3	240.4	36.2	45.7	8.4	289.7	216.8	32.6	40.4	3	3
3262	Vitreous china table and kitchenware .....	5.3	160.7	121.2	15.8	23.7	5.3	157.5	118.2	15.2	24.0	4	2
3263	Semivitreous table and kitchenware .....	.9	23.8	18.5	1.9	3.4	.9	21.8	17.0	1.7	3.1	1	1
3264	Porcelain electrical supplies .....	9.1	342.2	268.8	29.3	44.1	9.1	336.0	261.1	28.7	46.2	4	3
3269	Pottery products, n.e.c. ....	12.9	284.2	229.5	27.1	27.6	12.2	285.3	231.7	24.7	28.9	3	3

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—		
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)						
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs			
			A	B	C	D		E	F	G	H			I
<b>32</b>	<b>Stone, clay, and glass products—Con.</b>													
327	Concrete, gypsum, and plaster products ..	175.6	6 090.8	4 889.6	599.4	601.8	173.7	5 876.8	4 735.1	579.6	562.1	2	2	
3271	Concrete block and brick .....	16.0	501.9	411.3	47.3	43.3	16.4	519.5	429.9	46.7	42.9	7	7	
3272	Concrete products, n.e.c. ....	60.0	1 983.4	1 569.9	214.9	198.6	58.9	1 906.7	1 513.3	208.0	185.5	4	3	
3273	Ready-mixed concrete .....	83.7	2 959.9	2 394.8	282.2	278.9	82.4	2 825.5	2 291.5	272.7	261.3	2	3	
3274	Lime .....	5.6	231.8	180.1	19.3	32.4	5.6	220.0	171.4	18.4	30.2	3	2	
3275	Gypsum products .....	10.2	417.7	333.5	35.6	48.6	10.5	405.1	329.0	33.8	42.3	2	1	
328	Cut stone and stone products .....	12.7	372.7	295.8	35.4	41.5	12.3	357.8	284.4	35.4	38.0	5	7	
3281	Cut stone and stone products .....	12.7	372.7	295.8	35.4	41.5	12.3	357.8	284.4	35.4	38.0	5	7	
329	Miscellaneous nonmetallic mineral products .....	64.9	2 637.0	2 049.8	219.4	367.8	66.1	2 601.7	2 023.2	216.1	362.4	2	2	
3291	Abrasive products .....	20.5	843.1	656.1	63.1	123.9	21.5	846.0	651.7	62.3	132.0	4	4	
3292	Asbestos products .....	(S)	(S)	(S)	(S)	(S)	7	29.5	21.8	3.8	3.9	(X)	(X)	
3295	Minerals, ground or treated .....	9.4	378.7	297.3	32.7	48.7	9.5	372.1	299.1	30.3	42.8	4	2	
3296	Mineral wool .....	18.8	803.9	627.3	67.1	109.5	19.1	804.5	628.6	68.9	107.0	1	1	
3297	Nonclay refractories .....	8.6	371.6	279.3	35.8	56.5	8.1	329.9	249.2	31.2	49.5	3	4	
3299	Nonmetallic mineral products, n.e.c. ....	7.3	229.4	181.9	19.4	28.1	7.1	219.6	172.8	19.7	27.2	15	3	
<b>33</b>	<b>Primary metal industries.....</b>	<b>653.2</b>	<b>30 705.8</b>	<b>22 707.7</b>	<b>2 643.8</b>	<b>5 354.3</b>	<b>661.2</b>	<b>29 833.0</b>	<b>22 163.5</b>	<b>2 544.5</b>	<b>5 125.0</b>	<b>1</b>	<b>1</b>	
331	Blast furnace and basic steel products ...	229.7	13 087.9	9 311.3	1 068.8	2 707.8	239.1	12 783.1	9 189.2	1 048.3	2 545.6	1	1	
3312	Blast furnaces and steel mills .....	159.1	10 031.5	7 001.6	779.8	2 250.1	170.6	9 952.0	7 035.7	777.2	2 139.0	1	1	
3313	Electrometallurgical products .....	4.7	233.6	168.2	26.4	39.0	4.9	228.7	171.2	24.5	33.0	2	1	
3315	Steel wire and related products .....	25.6	963.3	738.2	92.2	132.9	24.7	898.6	691.6	88.0	119.2	2	3	
3316	Cold finishing of steel shapes .....	15.9	822.0	611.0	71.2	139.8	15.3	737.4	551.2	67.3	118.9	3	2	
3317	Steel pipe and tubes .....	24.4	1 037.4	792.3	99.1	146.0	23.7	966.5	739.5	91.4	135.6	2	2	
332	Iron and steel foundries .....	121.3	5 194.1	3 891.0	485.3	817.8	122.8	5 022.0	3 747.2	456.8	818.0	1	1	
3321	Gray and ductile iron foundries .....	78.0	3 544.2	2 636.6	316.9	590.7	77.1	3 336.0	2 461.4	287.9	586.7	2	1	
3322	Malleable iron foundries .....	2.7	154.4	110.5	16.0	27.9	2.8	141.4	100.9	13.7	26.7	7	1	
3324	Steel investment foundries .....	18.2	678.3	515.9	68.0	94.4	20.8	751.7	574.7	74.7	102.3	1	2	
3325	Steel foundries, n.e.c. ....	22.4	817.3	628.1	84.4	104.8	22.2	792.9	610.2	80.5	102.2	2	1	
333	Primary nonferrous metals .....	34.2	1 723.8	1 254.8	149.9	319.1	34.6	1 805.7	1 332.4	154.3	319.0	1	1	
3331	Primary copper .....	5.7	270.5	195.5	25.2	49.8	5.6	260.0	188.6	25.6	45.8	1	1	
3334	Primary aluminum .....	19.4	1 018.6	730.3	86.3	202.0	20.4	1 102.3	805.9	91.9	204.5	1	1	
3339	Primary nonferrous metals, n.e.c. ....	9.1	434.6	329.0	38.4	67.2	8.6	443.4	337.9	36.8	68.7	1	1	
334	Secondary nonferrous metals .....	13.6	543.5	422.0	50.4	71.1	13.6	529.3	411.9	51.6	65.8	3	3	
3341	Secondary nonferrous metals .....	13.6	543.5	422.0	50.4	71.1	13.6	529.3	411.9	51.6	65.8	3	3	
335	Nonferrous rolling and drawing .....	148.0	6 339.1	4 821.2	531.8	986.1	147.1	6 080.3	4 628.3	502.3	949.7	1	1	
3351	Copper rolling and drawing .....	19.3	841.0	636.2	74.2	130.6	18.9	803.8	606.1	72.8	124.8	2	3	
3353	Aluminum sheet, plate, and foil .....	24.1	1 423.4	1 021.4	108.2	293.8	24.4	1 373.2	1 014.3	97.1	261.8	1	1	
3354	Aluminum extruded products .....	26.7	969.7	741.9	86.5	141.3	25.6	899.1	687.2	80.1	131.8	2	2	
3355	Aluminum rolling and drawing, n.e.c. ...	1.5	62.3	51.0	4.9	6.4	1.5	60.9	51.0	5.4	4.5	2	1	
3356	Nonferrous rolling and drawing, n.e.c. ...	16.3	735.8	571.1	62.3	102.4	16.0	703.9	545.3	57.9	100.7	2	2	
3357	Nonferrous wiredrawing and insulating ..	60.1	2 307.0	1 799.7	195.6	311.7	60.6	2 239.4	1 724.4	189.0	326.1	2	2	
336	Nonferrous foundries (castings) .....	75.4	2 595.8	2 020.6	249.8	325.4	73.9	2 456.2	1 925.2	228.5	302.5	2	2	
3363	Aluminum die-castings .....	27.6	1 031.5	797.2	94.0	140.3	27.1	956.7	744.5	86.6	125.7	2	3	
3364	Nonferrous die-castings, except aluminum .....	11.6	364.5	288.4	36.1	40.0	11.1	345.0	272.6	32.3	40.1	4	4	
3365	Aluminum foundries .....	23.9	785.0	619.5	78.9	88.6	22.9	735.5	581.7	71.9	81.8	3	2	
3366	Copper foundries .....	8.6	266.8	207.3	25.9	33.6	8.7	263.0	205.1	24.3	33.6	5	3	
3369	Nonferrous foundries, n.e.c. ....	3.7	147.9	108.2	16.9	22.8	4.2	155.9	121.2	13.5	21.3	3	3	
339	Miscellaneous primary metal products ...	30.9	1 221.5	986.7	107.9	126.9	30.2	1 156.4	929.3	102.6	124.5	3	3	
3398	Metal heat treating .....	17.5	663.3	544.4	63.0	55.9	17.4	624.9	513.9	56.5	54.4	5	5	
3399	Primary metal products, n.e.c. ....	13.4	558.2	442.3	44.9	71.0	12.7	531.4	415.3	46.0	70.1	3	3	
<b>34</b>	<b>Fabricated metal products.....</b>	<b>1 371.9</b>	<b>51 356.6</b>	<b>40 051.4</b>	<b>4 482.3</b>	<b>6 822.9</b>	<b>1 370.8</b>	<b>50 205.3</b>	<b>39 181.9</b>	<b>4 365.1</b>	<b>6 658.3</b>	<b>1</b>	<b>1</b>	
341	Metal cans and shipping containers .....	37.3	1 893.3	1 403.9	168.9	320.5	39.5	1 945.0	1 463.0	171.7	310.3	1	1	
3411	Metal cans .....	30.5	1 648.3	1 211.8	146.5	290.0	32.3	1 688.5	1 261.9	149.5	277.1	1	1	
3412	Metal barrels, drums, and pails .....	6.8	244.9	192.1	22.4	30.4	7.2	256.4	201.0	22.2	33.2	5	4	
342	Cutlery, handtools, and hardware .....	136.9	4 921.9	3 797.9	414.4	709.6	134.0	4 693.6	3 631.9	397.4	664.3	1	1	
3421	Cutlery .....	11.4	416.8	313.3	34.4	69.1	11.2	383.7	292.1	32.3	59.4	3	2	
3423	Hand and edge tools, n.e.c. ....	40.7	1 378.1	1 103.8	112.3	162.0	39.7	1 319.9	1 058.3	107.7	153.9	2	2	
3425	Saw blades and handsaws .....	8.7	322.3	250.6	26.2	45.5	7.6	275.1	218.4	22.7	34.0	9	11	
3429	Hardware, n.e.c. ....	76.1	2 804.9	2 130.3	241.6	433.0	75.4	2 714.9	2 063.1	234.8	417.0	1	2	
343	Plumbing and heating, except electric ...	42.8	1 467.9	1 149.2	129.6	189.1	41.9	1 459.4	1 147.9	126.6	184.8	3	4	
3431	Metal sanitary ware .....	5.5	199.3	152.7	17.1	29.5	6.5	259.1	200.8	23.5	34.8	14	14	
3432	Plumbing fixture fittings and trim .....	18.5	605.5	469.4	52.6	83.5	17.4	573.0	444.5	48.2	80.3	2	2	
3433	Heating equipment, except electric .....	18.8	663.1	527.1	59.9	76.1	18.1	627.2	502.6	55.0	69.7	4	7	
344	Fabricated structural metal products .....	386.9	13 196.4	10 529.3	1 218.2	1 448.9	391.9	13 108.2	10 445.4	1 220.6	1 442.2	1	1	
3441	Fabricated structural metal .....	70.9	2 540.1	1 964.5	266.8	308.8	72.0	2 519.9	1 958.9	270.2	290.6	2	3	
3442	Metal doors, sash, and trim .....	66.0	1 863.1	1 520.6	169.2	173.3	67.8	1 886.7	1 528.2	169.2	189.3	3	4	
3443	Fabricated plate work (boiler shops) ..	76.4	2 935.1	2 334.5	272.2	328.4	79.3	2 944.8	2 345.6	277.9	321.3	3	3	
3444	Sheet metal work .....	107.3	3 655.1	2 941.0	311.2	402.9	104.3	3 555.7	2 850.9	301.1	403.7	2	2	
3446	Architectural metal work .....	23.3	760.6	599.5	64.1	97.0	26.1	814.1	644.8	72.0	97.3	10	5	
3448	Prefabricated metal buildings .....	22.8	708.9	582.9	61.3	64.7	20.8	649.2	527.2	58.3	63.8	4	4	
3449	Miscellaneous metal work .....	20.2	733.5	586.3	73.4	73.8	21.6	737.7	589.8	71.8	76.1	2	3	
345	Screw machine products, bolts, etc. ....	90.8	3 377.9	2 694.3	288.5	395.1	90.4	3 273.1	2 620.8	275.6	376.7	2	2	
3451	Screw machine products .....	47.1	1 657.4	1 334.2	141.0	182.2	46.4	1 568.6	1 270.8	131.0	166.8	3	3	
3452	Bolts, nuts, rivets, and washers .....	43.7	1 720.8	1 360.2	147.6	213.0	44.0	1 704.5	1 350.0	144.6	209.9	2	3	
346	Metal forgings and stampings .....	239.1	10 994.0	8 251.6	913.2	1 829.2	234.8	10 477.3	7 771.8	869.9	1 835.6	1	1	
3462	Iron and steel forgings .....	23.6	1 017.5	765.9	101.9	149.7	24.2	1 025.1	765.9	96.9	162.3	3	5	
3463	Nonferrous forgings .....	7.7	366.5	274.5	28.0	64.0	7.9	368.4	276.2	34.6	57.7	7	2	
3465	Automotive stampings .....	108.9	6 094.2											

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—		
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)						
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs			
			A	B	C	D		E	F	G	H			I
<b>34</b>	<b>Fabricated metal products—Con.</b>													
347	Metal services, n.e.c.-----	113.5	3 494.2	2 841.4	316.0	336.8	109.1	3 268.4	2 656.5	289.4	322.5	2	2	
3471	Plating and polishing-----	67.8	2 039.1	1 663.3	187.3	188.5	65.4	1 912.8	1 563.5	173.5	175.8	3	3	
3479	Metal coating and allied services-----	45.7	1 455.2	1 178.2	128.7	148.3	43.7	1 355.6	1 093.0	115.9	146.7	2	2	
348	Ordnance and accessories, n.e.c.-----	57.4	2 679.1	2 031.3	219.1	428.7	65.3	2 906.3	2 250.7	232.8	422.8	2	1	
3482	Small arms ammunition-----	7.7	328.6	251.5	27.2	49.9	8.1	339.4	258.6	28.0	52.8	1	1	
3483	Ammunition, except for small arms, n.e.c.-----	18.9	778.6	556.4	82.2	140.0	23.4	954.1	719.5	90.5	144.1	1	1	
3484	Small arms-----	11.6	441.4	342.1	37.5	61.8	11.8	431.9	334.9	36.5	60.6	7	1	
3489	Ordnance and accessories, n.e.c.-----	19.3	1 130.6	881.3	72.2	177.1	22.0	1 180.9	937.7	72.9	165.3	3	2	
349	Miscellaneous fabricated metal products-----	267.1	9 331.6	7 352.5	814.2	1 164.9	263.9	9 074.1	7 193.9	781.1	1 099.1	1	1	
3491	Industrial valves-----	51.7	2 076.9	1 618.1	167.4	291.4	51.4	2 027.1	1 595.6	164.0	267.5	2	3	
3492	Fluid power valves and hose fittings-----	27.5	1 111.2	858.7	96.0	156.5	28.2	1 104.3	853.2	95.0	156.2	2	2	
3493	Steel springs, except wire-----	4.4	171.6	134.7	14.7	22.2	4.4	152.9	118.9	13.4	20.5	5	2	
3494	Valves and pipe fittings, n.e.c.-----	17.3	617.7	487.6	54.5	75.6	16.6	595.7	469.5	52.2	74.0	3	2	
3495	Wire springs-----	19.2	607.9	484.8	58.7	64.4	18.0	550.1	443.4	53.2	53.5	4	9	
3496	Miscellaneous fabricated wire products-----	41.4	1 147.6	913.7	114.0	119.9	38.8	1 099.3	878.8	105.2	115.2	4	4	
3497	Metal foil and leaf-----	11.3	530.2	403.7	45.3	81.2	12.0	524.7	405.9	44.7	74.1	3	1	
3498	Fabricated pipe and fittings-----	25.5	839.6	675.2	72.3	92.1	24.8	802.2	647.7	69.7	84.8	3	3	
3499	Fabricated metal products, n.e.c.-----	68.7	2 228.8	1 775.9	191.2	261.7	69.8	2 217.8	1 781.0	183.6	253.3	2	2	
<b>35</b>	<b>Industrial machinery and equipment-----</b>	<b>1 748.9</b>	<b>73 781.2</b>	<b>58 562.0</b>	<b>5 836.3</b>	<b>9 382.9</b>	<b>1 737.3</b>	<b>71 740.1</b>	<b>57 160.7</b>	<b>5 598.0</b>	<b>8 981.3</b>	<b>1</b>	<b>1</b>	
351	Engines and turbines-----	77.9	4 031.0	3 111.4	310.9	608.7	83.7	4 122.3	3 178.1	312.3	631.9	1	1	
3511	Turbines and turbine generator sets-----	26.7	1 431.8	1 126.6	103.0	202.2	27.1	1 410.1	1 106.5	101.1	202.5	1	1	
3519	Internal combustion engines, n.e.c.-----	51.2	2 599.4	1 984.9	208.0	406.5	56.6	2 712.2	2 071.6	211.2	429.4	1	1	
352	Farm and garden machinery-----	89.2	3 368.3	2 537.5	287.1	543.7	86.2	3 140.4	2 353.3	274.9	512.2	1	1	
3523	Farm machinery and equipment-----	63.6	2 558.4	1 906.0	208.8	443.6	61.4	2 413.2	1 784.4	204.8	423.9	1	1	
3524	Lawn and garden equipment-----	25.7	809.9	631.5	78.3	100.1	24.8	727.2	568.9	70.1	88.2	1	1	
353	Construction and related machinery-----	180.4	7 831.3	6 085.7	655.2	1 090.4	179.1	7 429.8	5 770.1	620.4	1 039.3	1	1	
3531	Construction machinery-----	77.5	3 653.1	2 758.8	292.6	604.7	77.1	3 404.4	2 571.4	266.2	566.8	2	1	
3532	Mining machinery-----	12.7	508.2	393.7	42.1	72.4	12.6	503.6	393.7	42.8	67.1	5	7	
3533	Oil and gas field machinery-----	24.4	984.1	790.6	90.4	103.1	27.0	1 091.6	876.5	98.8	116.2	1	2	
3534	Elevators and moving stairways-----	7.9	304.8	238.4	23.0	43.4	7.7	299.6	233.7	23.5	42.5	2	3	
3535	Conveyors and conveying equipment-----	30.5	1 367.7	1 102.5	122.1	143.1	30.3	1 236.2	990.5	111.8	133.8	2	4	
3536	Hoists, cranes, and monorails-----	7.2	275.1	213.3	23.2	38.6	7.0	267.1	205.7	23.3	38.0	3	2	
3537	Industrial trucks and tractors-----	20.2	738.3	591.4	61.8	85.1	17.5	627.3	498.5	54.0	74.8	3	2	
354	Metalworking machinery-----	262.3	11 047.6	8 943.0	859.6	1 245.0	255.9	10 631.7	8 585.6	822.0	1 224.1	1	1	
3541	Machine tools, metal cutting types-----	25.3	1 185.8	939.0	91.7	155.1	27.0	1 232.2	982.1	94.6	155.5	2	2	
3542	Machine tools, metal forming types-----	12.7	586.2	461.2	49.5	75.5	12.2	532.2	417.6	43.1	71.5	3	2	
3543	Industrial patterns-----	8.3	306.2	250.4	20.4	35.4	7.9	315.7	258.7	21.1	35.8	13	6	
3544	Special dies, tools, jigs, and fixtures-----	117.7	5 040.7	4 127.7	393.6	519.4	111.4	4 762.5	3 898.3	361.1	503.0	2	2	
3545	Machine tool accessories-----	42.7	1 601.2	1 276.0	128.0	197.2	42.7	1 560.6	1 243.9	125.7	191.0	3	2	
3546	Power-driven handtools-----	17.0	602.6	471.6	47.0	84.0	16.1	566.5	440.6	45.7	80.2	2	1	
3547	Rolling mill machinery-----	4.3	195.9	160.8	16.6	18.5	5.4	231.9	186.8	19.0	26.1	3	7	
3548	Welding apparatus-----	20.6	909.8	747.7	69.3	92.8	19.8	833.7	670.3	67.1	96.3	2	2	
3549	Metalworking machinery, n.e.c.-----	13.8	619.3	508.7	43.6	67.0	13.2	596.6	487.5	44.5	64.6	4	3	
355	Special industry machinery-----	163.6	7 126.0	5 759.9	550.4	819.7	159.8	6 754.2	5 447.7	514.0	792.5	2	2	
3552	Textile machinery-----	16.4	590.6	484.2	45.4	61.0	15.0	525.0	424.5	43.7	56.8	7	5	
3553	Woodworking machinery-----	7.6	282.1	220.4	26.5	35.2	7.2	261.1	206.1	23.1	31.9	8	11	
3554	Paper industries machinery-----	18.1	839.6	667.2	72.3	100.1	18.2	815.0	651.8	64.3	98.9	2	3	
3555	Printing trades machinery-----	18.8	835.2	677.6	65.2	92.4	18.7	808.7	655.9	60.1	92.7	3	3	
3556	Food products machinery-----	18.8	775.5	618.3	59.2	98.0	18.8	757.2	605.5	55.0	96.7	2	3	
3559	Special industry machinery, n.e.c.-----	83.8	3 803.0	3 088.3	281.8	432.9	81.9	3 587.2	2 903.9	267.8	415.5	3	2	
356	General industrial machinery-----	243.0	10 120.8	7 936.0	810.5	1 374.3	243.5	9 797.0	7 724.9	785.5	1 286.6	2	1	
3561	Pumps and pumping equipment-----	36.1	1 570.9	1 235.4	135.6	199.9	36.9	1 555.3	1 225.3	129.9	200.1	1	1	
3562	Ball and roller bearings-----	33.8	1 459.2	1 081.5	121.7	256.0	34.9	1 448.4	1 091.2	116.1	241.1	2	2	
3563	Air and gas compressors-----	24.4	1 062.1	829.2	84.5	148.4	23.4	999.8	777.5	78.6	143.7	1	2	
3564	Blowers and fans-----	25.6	909.0	730.3	70.7	108.0	26.0	903.1	723.9	75.6	103.5	9	7	
3565	Packaging machinery-----	24.7	1 121.5	893.1	81.8	146.6	26.2	1 099.3	894.4	82.9	122.0	10	5	
3566	Speed changers, drives, and gears-----	15.7	673.5	525.1	51.4	97.0	15.7	638.4	495.8	50.4	92.2	3	2	
3567	Industrial furnaces and ovens-----	17.7	695.1	550.6	59.8	84.7	17.0	663.1	529.4	58.8	74.8	4	4	
3568	Power transmission equipment, n.e.c.-----	21.4	892.1	696.0	71.2	124.9	21.8	867.4	679.0	67.4	121.0	2	1	
3569	General industrial machinery, n.e.c.-----	43.6	1 737.5	1 394.9	133.9	208.7	41.5	1 622.3	1 308.4	125.7	188.1	3	2	
357	Computer and office equipment-----	242.8	12 284.6	9 860.5	893.1	1 531.0	250.5	12 471.8	10 143.4	869.2	1 459.2	1	1	
3571	Electronic computers-----	99.5	5 666.6	4 514.1	412.1	740.4	110.8	5 983.6	4 855.9	407.5	720.2	1	1	
3572	Computer storage devices-----	43.8	2 191.9	1 796.0	165.3	230.6	40.8	2 158.3	1 795.4	148.7	214.2	1	1	
3575	Computer terminals-----	7.9	376.0	307.2	27.2	41.6	9.3	423.6	344.1	32.2	47.3	7	7	
3577	Computer peripheral equipment, n.e.c.-----	58.9	2 732.4	2 246.4	188.0	298.0	59.3	2 620.2	2 175.7	180.0	264.5	1	2	
3578	Calculating and accounting equipment-----	6.6	237.0	198.4	18.4	20.2	6.5	229.7	191.2	16.7	21.8	9	2	
3579	Office machines, n.e.c.-----	26.2	1 080.9	798.5	82.2	200.2	23.8	1 056.4	781.1	84.2	191.1	1	1	
358	Refrigeration and service machinery-----	180.7	7 067.2	5 404.3	584.8	1 078.1	177.3	6 789.3	5 233.8	561.7	993.9	1	1	
3581	Automatic vending machines-----	7.3	242.6	183.3	20.6	38.7	7.2	236.1	181.2	19.3	35.6	1	1	
3582	Commercial laundry equipment-----	4.5	153.0	124.8	12.8	15.4	4.7	159.6	129.3	13.8	16.5	1	1	
3585	Refrigeration and heating equipment-----	122.0	4 941.2	3 724.8	414.0	802.4	120.5	4 715.2	3 590.2	392.5	732.5	1	1	
3586	Measuring and dispensing pumps-----	6.4	266.9	208.4	21.3	37.2	6.5	254.6	196.6	21.3	36.7	3	2	
3589	Service industry machinery, n.e.c.-----	40.5	1 463.4	1 162.9	116.1	184.4	38.5	1 423.9	1 136.7	114.9	172.3	3	3	
359	Industrial machinery, n.e.c.-----	308.9	10 904.4	8 927.6	884.7	1 092.1	301.1	10 603.6	8 723.6	838.0	1 042.0	1	1	
3592	Carburetors, pistons, rings, and valves-----	17.4	766.4	582.3	59.7	124.4	18.4	770.3	586.6	56.3	127.5	1	1	
3593	Fluid power cylinders and actuators-----	16.2	661.3	522.9	48.6	89.8	16.5	673.6	531.1	52.9	89.6	2	1	
3594	Fluid power pumps and motors-----	11.7	525.9	405.6										

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—	
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)					
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
			A	B	C	D		E	F	G	H		
<b>36</b>	<b>Electronic and other electric equipment...</b>	<b>1 437.7</b>	<b>57 218.1</b>	<b>45 267.4</b>	<b>4 432.2</b>	<b>7 518.5</b>	<b>1 439.9</b>	<b>55 617.8</b>	<b>44 245.3</b>	<b>4 268.4</b>	<b>7 103.9</b>	<b>1</b>	<b>1</b>
361	Electric distribution equipment .....	66.3	2 490.7	1 926.0	197.8	366.9	68.3	2 522.3	1 944.1	196.2	382.0	3	2
3612	Transformers, except electronic .....	27.9	968.8	751.5	75.7	141.6	28.9	1 013.4	777.1	77.2	159.0	2	3
3613	Switchgear and switchboard apparatus ..	38.4	1 521.9	1 174.5	122.1	225.3	39.5	1 509.0	1 167.0	119.0	223.0	4	1
362	Electrical industrial apparatus .....	158.8	5 827.7	4 536.0	464.7	827.0	156.7	5 594.1	4 370.8	450.5	772.8	2	1
3621	Motors and generators .....	68.3	2 377.0	1 809.5	201.4	366.1	67.9	2 295.1	1 764.6	195.9	334.7	1	1
3624	Carbon and graphite products .....	10.0	380.8	298.0	31.5	51.3	9.6	363.7	286.6	29.8	47.3	3	2
3625	Relays and industrial controls .....	62.7	2 455.7	1 929.2	188.2	338.3	61.6	2 345.6	1 846.1	182.2	317.2	4	3
3629	Electrical industrial apparatus, n.e.c. ....	17.9	614.2	499.3	43.6	71.3	17.6	589.7	473.5	42.6	73.6	7	2
363	Household appliances .....	104.5	3 556.6	2 720.8	304.4	530.4	102.8	3 329.0	2 588.1	280.6	460.3	1	1
3631	Household cooking equipment .....	18.6	587.6	461.1	49.8	76.7	18.8	554.3	437.0	45.4	71.9	2	1
3632	Household refrigerators and freezers ...	27.1	988.1	741.5	77.8	168.8	25.4	937.7	719.0	76.1	142.6	1	1
3633	Household laundry equipment .....	13.8	581.6	440.7	48.1	92.8	14.2	556.5	423.1	44.4	89.1	1	1
3634	Electric housewares and fans .....	21.2	538.6	420.9	49.6	68.1	20.4	504.5	400.6	44.0	59.9	2	2
3635	Household vacuum cleaners .....	11.4	394.1	300.8	34.7	58.6	11.3	349.3	278.7	30.4	40.2	3	3
3639	Household appliances, n.e.c. ....	12.4	465.4	355.6	44.4	65.4	12.7	426.7	329.7	40.3	56.7	1	2
364	Electric lighting and wiring equipment ...	150.8	5 282.6	4 104.4	425.9	752.3	148.0	5 090.1	3 978.2	411.5	700.2	2	1
3641	Electric lamp bulbs and tubes .....	16.8	701.5	514.9	49.3	137.3	17.5	692.0	510.7	57.0	124.2	6	2
3643	Current-carrying wiring devices .....	41.8	1 373.4	1 085.8	109.8	177.8	41.1	1 359.7	1 071.4	107.9	180.3	2	2
3644	Noncurrent-carrying wiring devices .....	23.4	848.6	665.2	77.0	104.4	23.2	810.1	643.0	71.7	95.4	1	1
3645	Residential lighting fixtures .....	15.9	413.1	336.7	35.1	41.3	16.5	408.0	329.3	35.7	43.0	4	3
3646	Commercial lighting fixtures .....	21.1	685.9	546.1	60.0	79.8	20.6	662.8	530.5	55.9	76.4	2	2
3647	Vehicle lighting equipment .....	15.8	736.3	537.1	56.0	143.2	14.6	661.0	499.0	46.4	115.6	3	3
3648	Lighting equipment, n.e.c. ....	16.0	525.9	418.7	38.7	68.5	14.5	496.5	394.3	36.9	65.3	4	4
365	Household audio and video equipment ...	47.3	1 498.5	1 176.8	120.4	201.3	46.9	1 433.3	1 119.0	117.0	197.4	2	2
3651	Household audio and video equipment ...	31.1	994.7	772.9	77.7	144.1	31.2	953.9	736.6	75.5	141.8	1	1
3652	Prerecorded records and tapes .....	16.2	503.8	403.9	42.7	57.2	15.7	479.5	382.4	41.4	55.6	5	6
366	Communications equipment .....	231.0	11 284.0	9 054.2	864.3	1 365.5	237.9	11 310.6	9 092.4	821.1	1 397.1	1	1
3661	Telephone and telegraph apparatus ...	85.0	4 615.3	3 735.2	352.4	527.7	91.0	4 672.6	3 741.4	335.4	595.8	1	1
3663	Radio and television communications equipment .....	122.3	5 794.7	4 620.9	437.0	736.8	124.4	5 826.7	4 700.8	417.6	708.3	1	2
3669	Communications equipment, n.e.c. ....	23.6	874.0	698.1	74.9	101.0	22.5	811.3	650.2	68.1	93.0	2	2
367	Electronic components and accessories ...	532.4	21 719.2	17 408.8	1 617.8	2 692.6	531.8	20 777.2	16 805.8	1 561.9	2 409.5	1	1
3671	Electron tubes .....	20.2	822.8	628.9	66.6	127.3	22.2	891.2	677.4	71.3	142.6	1	1
3672	Printed circuit boards .....	73.5	2 636.2	2 128.4	209.9	297.9	75.8	2 565.9	2 110.6	197.4	257.9	2	1
3674	Semiconductors and related devices ...	162.5	8 386.7	6 770.2	599.4	1 017.1	171.9	8 443.8	6 879.8	617.0	947.0	1	1
3675	Electronic capacitors .....	18.7	570.9	438.7	41.2	91.0	17.9	544.9	415.7	39.8	89.4	3	1
3676	Electronic resistors .....	10.8	314.3	249.9	26.2	38.2	11.7	327.0	258.7	26.9	41.4	2	6
3677	Electronic coils and transformers .....	19.7	479.3	388.5	36.2	54.6	19.2	461.6	374.0	35.1	52.5	7	5
3678	Electronic connectors .....	30.7	1 149.1	916.3	88.9	143.9	30.7	1 140.4	909.2	88.0	143.2	1	1
3679	Electronic components, n.e.c. ....	196.3	7 360.0	5 887.9	549.4	922.7	182.4	6 402.6	5 180.5	486.4	735.7	1	1
369	Miscellaneous electrical equipment and supplies .....	146.6	5 560.0	4 340.5	437.0	782.5	147.6	5 561.0	4 346.9	429.6	784.5	1	1
3691	Storage batteries .....	21.2	811.4	621.0	68.5	121.9	21.1	781.5	596.7	66.8	118.1	1	1
3692	Primary batteries, dry and wet .....	9.8	354.1	267.1	27.7	59.3	10.4	352.5	271.9	26.4	54.2	1	1
3694	Engine electrical equipment .....	53.0	1 946.2	1 486.2	157.0	303.0	50.0	1 853.4	1 407.7	149.3	296.5	2	1
3695	Magnetic and optical recording media ...	22.2	871.6	689.6	62.9	119.1	22.6	878.7	695.0	65.0	118.7	1	1
3699	Electrical equipment and supplies, n.e.c. ....	40.4	1 576.6	1 276.5	120.9	179.2	43.4	1 694.8	1 375.6	122.2	197.1	1	2
<b>37</b>	<b>Transportation equipment .....</b>	<b>1 583.4</b>	<b>83 269.1</b>	<b>62 170.9</b>	<b>6 661.7</b>	<b>14 436.5</b>	<b>1 647.7</b>	<b>83 572.9</b>	<b>62 620.7</b>	<b>6 663.4</b>	<b>14 288.8</b>	<b>1</b>	<b>1</b>
371	Motor vehicles and equipment .....	722.8	39 699.8	28 493.8	3 083.0	8 123.0	703.9	36 695.2	26 196.3	2 858.4	7 640.5	1	1
3711	Motor vehicles and car bodies .....	224.2	16 409.7	11 155.6	1 272.5	3 981.6	228.4	15 459.6	10 438.8	1 216.9	3 804.0	1	1
3713	Truck and bus bodies .....	34.7	1 097.6	883.8	99.3	114.5	35.9	1 089.6	868.6	105.7	115.3	3	3
3714	Motor vehicle parts and accessories ...	417.7	20 780.8	15 319.8	1 572.1	3 888.9	400.2	18 992.4	13 955.6	1 423.2	3 613.6	1	1
3715	Truck trailers .....	21.9	875.9	691.8	88.4	95.7	23.4	711.3	565.9	70.0	75.4	1	1
3716	Motor homes .....	18.4	535.7	442.8	50.6	42.3	16.1	442.3	367.3	42.6	32.4	2	2
372	Aircraft and parts .....	483.5	26 811.3	20 775.4	2 058.3	3 977.6	546.9	29 021.1	22 512.8	2 220.1	4 288.1	1	1
3721	Aircraft .....	241.2	13 889.9	10 789.2	1 055.9	2 044.8	264.9	14 721.9	11 498.9	1 072.1	2 151.0	1	1
3724	Aircraft engines and engine parts .....	102.6	5 349.9	4 134.1	402.3	813.5	116.7	6 160.5	4 851.7	468.3	840.5	1	1
3725	Aircraft parts and equipment, n.e.c. ....	139.7	7 571.5	5 852.2	600.1	1 119.2	165.3	8 138.5	6 162.1	679.8	1 296.7	1	1
373	Ship and boat building and repairing ...	158.3	5 731.7	4 392.1	671.2	668.4	162.8	6 007.0	4 629.9	697.8	679.3	1	1
3731	Ship building and repairing .....	111.6	4 490.7	3 366.1	550.2	574.4	118.3	4 792.3	3 624.1	584.6	583.7	1	1
3732	Boat building and repairing .....	46.7	1 241.0	1 026.0	121.0	94.0	44.5	1 214.7	1 005.8	113.2	95.6	2	3
374	Railroad equipment .....	29.4	1 299.1	966.8	128.4	203.9	28.2	1 221.9	897.5	117.6	206.8	4	2
3743	Railroad equipment .....	29.4	1 299.1	966.8	128.4	203.9	28.2	1 221.9	897.5	117.6	206.8	4	2
375	Motorcycles, bicycles, and parts .....	12.3	415.1	325.3	37.4	52.4	11.7	386.5	301.7	33.9	50.9	1	1
3751	Motorcycles, bicycles, and parts .....	12.3	415.1	325.3	37.4	52.4	11.7	386.5	301.7	33.9	50.9	1	1
376	Guided missiles, space vehicles, parts ...	129.1	7 726.4	5 955.8	536.3	1 234.3	149.6	8 756.7	6 912.4	606.8	1 237.5	1	1
3761	Guided missiles and space vehicles ...	87.5	5 198.1	4 017.6	369.7	810.8	100.1	5 966.6	4 722.2	419.7	824.7	1	1
3764	Space propulsion units and parts .....	29.2	1 804.8	1 401.1	119.6	284.1	32.3	1 880.9	1 495.6	125.3	260.1	1	1
3769	Space vehicle equipment, n.e.c. ....	12.4	723.4	537.0	47.0	139.4	17.2	909.0	694.5	61.8	152.7	1	1
379	Miscellaneous transportation equipment ...	48.1	1 585.9	1 261.8	147.1	177.0	44.5	1 484.5	1 170.1	128.8	185.6	2	2
3792	Travel trailers and campers .....	16.0	438.8	362.2	43.6	31.0	15.2	425.3	357.9	38.6	28.8	5	6
3795	Tanks and tank components .....	9.9	514.6	378.9	43.7	92.0	9.8	514.8	362.9	43.2	108.7	1	1
3799	Transportation equipment, n.e.c. ....	22.1	634.5	520.7	59.8	54.0	19.5	544.3	449.2	46.9	48.2	2	2

See footnotes at end of table.

**Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—	
		Employees (1,000)	Compensation (million dollars)				Employees (1,000)	Compensation (million dollars)					
			Total	Payroll	Social security and other legally required payments	Employer payments and other programs		Total	Payroll	Social security and other legally required payments	Employer payments and other programs		
			A	B	C	D		E	F	G	H		
<b>38</b>	<b>Instruments and related products.....</b>	<b>878.7</b>	<b>40 784.8</b>	<b>32 494.6</b>	<b>3 042.8</b>	<b>5 247.4</b>	<b>908.4</b>	<b>41 252.9</b>	<b>33 116.0</b>	<b>3 009.7</b>	<b>5 127.3</b>	<b>1</b>	<b>1</b>
381	Search and navigation equipment.....	227.0	13 049.3	10 191.7	909.4	1 948.2	255.0	14 035.7	11 056.2	965.8	2 013.7	1	1
3812	Search and navigation equipment.....	227.0	13 049.3	10 191.7	909.4	1 948.2	255.0	14 035.7	11 056.2	965.8	2 013.7	1	1
382	Measuring and controlling devices.....	268.8	12 013.9	9 636.6	941.1	1 436.2	274.3	11 872.4	9 568.0	921.9	1 382.5	1	1
3821	Laboratory apparatus and furniture.....	16.9	699.5	566.2	51.0	82.3	17.7	707.9	571.6	52.2	84.2	2	2
3822	Environmental controls.....	25.0	937.4	712.2	81.6	143.6	25.0	891.2	685.4	76.8	129.0	2	2
3823	Process control instruments.....	50.0	2 227.1	1 790.1	174.7	262.3	50.1	2 197.4	1 764.8	170.1	262.5	2	2
3824	Fluid meters and counting devices.....	15.8	720.9	554.0	76.0	90.9	16.2	701.1	533.7	64.7	102.6	1	1
3825	Instruments to measure electricity.....	65.2	3 007.1	2 473.0	230.9	303.2	68.7	3 077.9	2 549.0	236.4	292.5	2	2
3826	Analytical instruments.....	40.6	1 938.1	1 567.5	126.9	243.7	39.7	1 815.7	1 478.1	126.9	210.8	4	3
3827	Optical instruments and lenses.....	19.6	887.8	705.3	67.1	115.4	18.9	860.0	679.9	64.5	115.6	3	4
3829	Measuring and controlling devices, n.e.c.....	35.8	1 596.0	1 268.2	132.9	194.9	38.1	1 621.0	1 305.4	130.3	185.3	2	3
384	Medical instruments and supplies.....	268.3	10 925.9	8 818.6	803.2	1 304.1	264.4	10 547.3	8 534.3	751.4	1 261.6	1	1
3841	Surgical and medical instruments.....	101.4	4 072.9	3 265.0	296.3	511.6	98.2	3 850.9	3 095.3	271.6	484.0	2	2
3842	Surgical appliances and supplies.....	97.4	3 635.9	2 929.3	265.4	441.2	96.8	3 556.1	2 865.2	252.0	438.9	1	1
3843	Dental equipment and supplies.....	15.4	596.7	470.7	48.3	77.7	15.1	581.1	458.1	44.7	78.4	4	3
3844	X-ray apparatus and tubes.....	14.2	709.6	572.9	50.9	85.8	14.3	701.6	562.7	54.4	84.5	1	1
3845	Electromedical equipment.....	39.9	1 910.8	1 580.8	142.3	187.7	40.0	1 857.6	1 553.0	128.7	175.9	1	1
385	Ophthalmic goods.....	32.0	997.9	796.7	93.1	108.1	29.6	898.7	716.3	72.2	110.2	2	2
3851	Ophthalmic goods.....	32.0	997.9	796.7	93.1	108.1	29.6	898.7	716.3	72.2	110.2	2	2
386	Photographic equipment and supplies.....	75.7	3 574.7	2 881.0	279.8	413.9	77.5	3 679.9	3 069.3	281.2	329.4	1	1
3861	Photographic equipment and supplies.....	75.7	3 574.7	2 881.0	279.8	413.9	77.5	3 679.9	3 069.3	281.2	329.4	1	1
387	Watches, clocks, watchcases, and parts.....	7.0	223.4	170.0	16.4	37.0	7.6	218.8	171.9	17.1	29.9	3	3
3873	Watches, clocks, watchcases, and parts.....	7.0	223.4	170.0	16.4	37.0	7.6	218.8	171.9	17.1	29.9	3	3
<b>39</b>	<b>Miscellaneous manufacturing industries.....</b>	<b>379.4</b>	<b>10 908.9</b>	<b>8 867.7</b>	<b>926.0</b>	<b>1 115.2</b>	<b>365.8</b>	<b>10 337.0</b>	<b>8 431.8</b>	<b>866.8</b>	<b>1 038.4</b>	<b>1</b>	<b>1</b>
391	Jewelry, silverware, and plated ware.....	47.3	1 360.1	1 121.0	113.7	125.4	45.4	1 294.7	1 066.1	107.8	120.8	2	3
3911	Jewelry, precious metal.....	33.4	945.1	780.6	78.2	86.3	32.3	910.5	753.5	74.4	82.6	3	3
3914	Silverware and plated ware.....	6.6	204.0	162.1	20.2	21.7	6.7	194.9	156.5	18.5	19.9	4	8
3915	Jewelers' materials and lapidary work.....	7.3	210.9	178.2	15.3	17.4	6.4	189.2	156.0	14.9	18.3	5	6
393	Musical instruments.....	12.6	352.5	291.3	28.9	32.3	12.2	327.4	272.7	27.0	27.6	2	3
3931	Musical instruments.....	12.6	352.5	291.3	28.9	32.3	12.2	327.4	272.7	27.0	27.6	2	3
394	Toys and sporting goods.....	102.0	2 785.0	2 241.9	237.6	305.5	96.0	2 587.0	2 099.0	216.1	271.9	2	2
3942	Dolls and stuffed toys.....	4.2	83.6	73.0	7.0	3.6	3.6	72.5	64.1	5.3	3.1	7	10
3944	Games, toys, and children's vehicles.....	33.6	920.6	735.2	84.9	100.5	30.6	836.0	673.6	75.5	86.9	2	2
3949	Sporting and athletic goods, n.e.c.....	64.2	1 780.8	1 433.7	145.7	201.4	61.7	1 678.6	1 361.4	135.4	181.9	2	2
395	Pens, pencils, office, and art supplies.....	30.2	897.4	702.8	75.7	118.9	30.0	851.3	666.5	71.0	113.8	4	4
3951	Pens and mechanical pencils.....	8.2	281.0	213.6	26.0	41.4	7.9	257.4	197.0	23.0	37.3	2	5
3952	Lead pencils and art goods.....	7.4	208.9	159.5	16.1	33.3	7.3	196.2	149.3	15.3	31.6	2	2
3953	Marking devices.....	7.5	201.7	162.3	14.7	24.7	7.6	201.9	160.8	16.3	24.9	18	13
3955	Carbon paper and inked ribbons.....	7.1	206.0	167.4	19.0	19.6	7.2	195.8	159.4	16.3	20.1	6	11
396	Costume jewelry and notions.....	27.4	686.1	560.5	55.3	70.3	27.5	684.4	556.8	57.0	70.6	4	5
3961	Costume jewelry.....	17.2	393.2	327.8	33.3	32.1	17.5	400.7	330.9	35.3	34.5	6	9
3965	Fasteners, buttons, needles, and pins.....	10.1	293.0	232.8	22.0	38.2	10.0	283.7	225.9	21.7	36.1	2	3
399	Miscellaneous manufactures.....	160.0	4 827.8	3 950.3	414.8	462.7	154.5	4 592.4	3 770.8	387.9	433.6	2	2
3991	Brooms and brushes.....	13.4	389.3	316.8	32.3	40.2	12.6	363.0	291.7	30.2	41.1	2	3
3993	Signs and advertising specialties.....	67.7	2 070.0	1 721.7	173.3	175.0	67.5	2 015.0	1 679.9	167.2	167.9	5	3
3995	Burial caskets.....	7.9	247.1	201.1	22.3	23.7	7.8	239.1	196.2	21.1	21.8	6	5
3996	Hard surface floor coverings, n.e.c.....	6.8	316.1	246.5	28.1	41.5	6.7	306.0	240.2	25.6	40.2	1	1
3999	Manufacturing industries, n.e.c.....	64.1	1 805.3	1 464.3	158.7	182.3	60.0	1 669.2	1 362.8	143.8	162.6	2	2

<sup>1</sup>Description of standard error of estimate is given in Introduction under Qualifications of the Data. Percentage standard errors shown are approximate relative standard errors of estimates of level.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1993 and 1992**

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

SIC code	Industry group and industry	1993				1992				Standard error of estimate <sup>1</sup> (percent) for column—	C	E	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy		Generated less sold (million kWh)	Cost of purchased fuels and electric energy (million dollars)	Electric energy		Generated less sold (million kWh)				Cost of purchased fuels (million dollars)
			Purchased				Purchased						
			Quantity (million kWh)	Cost (million dollars)			Quantity (million kWh)	Cost (million dollars)					
A	B	C	D	E	F	G	H	I	J				
	<b>All industries .....</b>	<b>60 916.6</b>	<b>779 876.3</b>	<b>36 776.4</b>	<b>101 646.4</b>	<b>24 140.2</b>	<b>57 466.3</b>	<b>758 269.2</b>	<b>35 574.2</b>	<b>102 260.3</b>	<b>21 892.0</b>	<b>1</b>	<b>1</b>
20	Food and kindred products .....	5 504.6	57 781.0	3 151.4	5 196.0	2 353.2	5 289.9	55 876.8	3 084.0	5 049.9	2 205.9	1	1
21	Tobacco products .....	118.5	1 443.7	73.7	(D)	44.8	124.5	1 512.2	77.1	(D)	47.4	1	1
22	Textile mill products .....	2 236.4	32 742.3	1 601.6	283.5	634.8	2 121.1	31 247.2	1 546.0	281.9	575.1	1	1
23	Apparel and other textile products .....	905.4	9 281.1	636.9	(S)	268.5	822.9	8 236.5	578.4	(S)	244.5	1	2
24	Lumber and wood products .....	1 711.5	21 670.3	1 128.1	748.1	583.4	1 552.4	19 717.8	1 035.7	572.0	516.7	1	3
25	Furniture and fixtures .....	541.9	6 407.8	398.4	(D)	143.5	509.6	5 962.6	377.0	(D)	132.6	2	3
26	Paper and allied products .....	6 006.8	70 491.3	3 022.0	43 791.3	2 984.8	5 705.4	67 846.8	2 873.2	44 707.7	2 832.2	1	1
27	Printing and publishing .....	1 501.6	18 298.6	1 177.7	(Z)	323.9	1 442.3	17 308.8	1 125.4	—	316.9	1	2
28	Chemicals and allied products .....	10 685.8	145 855.2	5 477.5	30 134.7	5 208.3	9 757.1	143 003.5	5 212.7	29 323.3	4 544.6	1	1
29	Petroleum and coal products .....	4 201.9	33 989.3	1 484.3	11 664.2	2 717.6	3 893.2	35 362.3	1 536.9	11 685.4	2 356.3	1	1
30	Rubber and miscellaneous plastics products .....	2 928.0	41 472.7	2 357.7	(D)	570.3	2 712.0	37 895.5	2 193.8	(D)	518.2	1	1
31	Leather and leather products .....	110.0	1 065.3	70.1	(D)	39.9	112.5	1 009.8	70.5	(D)	42.0	2	3
32	Stone, clay, and glass products .....	3 715.5	34 375.7	1 703.5	497.6	2 012.0	3 560.6	33 736.7	1 669.0	407.7	1 891.6	1	1
33	Primary metal industries .....	7 970.3	141 223.7	4 912.1	7 422.5	3 058.2	7 762.2	143 940.0	4 965.9	7 179.8	2 796.8	1	1
34	Fabricated metal products .....	2 982.3	33 380.8	2 049.5	162.6	932.8	2 830.4	31 494.0	1 968.2	173.2	862.2	1	1
35	Industrial machinery and equipment .....	2 600.7	34 360.8	2 001.9	(D)	598.8	2 506.3	33 197.2	1 954.7	(D)	551.3	1	1
36	Electronic and other electric equipment .....	2 496.9	35 096.7	2 036.3	(S)	460.6	2 325.0	32 976.6	1 918.6	(D)	406.4	1	2
37	Transportation equipment .....	3 100.1	41 843.9	2 246.7	(D)	853.4	2 908.9	39 800.9	2 190.5	(D)	718.4	2	1
38	Instruments and related products .....	1 132.2	13 989.7	912.8	(D)	219.4	1 117.5	13 634.3	895.8	(D)	221.7	1	2
39	Miscellaneous manufacturing industries .....	466.2	5 106.4	334.2	(S)	132.0	412.4	4 509.9	301.0	(D)	111.4	2	4
<b>20</b>	<b>Food and kindred products .....</b>	<b>5 504.6</b>	<b>57 781.0</b>	<b>3 151.4</b>	<b>5 196.0</b>	<b>2 353.2</b>	<b>5 289.9</b>	<b>55 876.8</b>	<b>3 084.0</b>	<b>5 049.9</b>	<b>2 205.9</b>	<b>1</b>	<b>1</b>
201	Meat products .....	829.2	10 927.4	570.3	68.4	258.9	789.1	10 275.5	539.5	76.7	249.6	1	1
2011	Meat packing plants .....	264.3	3 370.6	164.8	(D)	99.5	251.5	3 230.3	158.6	(D)	92.9	1	2
2013	Sausages and other prepared meats .....	238.5	2 878.3	163.3	(D)	75.2	232.8	2 869.4	161.6	(D)	71.2	1	3
2015	Poultry slaughtering and processing .....	326.4	4 678.5	242.2	(D)	84.2	304.8	4 175.8	219.3	(D)	85.5	1	2
202	Dairy products .....	616.1	6 944.1	399.5	(S)	216.6	600.4	6 820.7	395.8	(S)	204.6	1	1
2021	Creamery butter .....	9.0	87.7	4.6	—	4.4	7.6	91.4	4.5	—	3.1	2	10
2022	Cheese, natural and processed .....	175.8	1 836.2	95.9	—	79.9	163.3	1 771.8	90.7	—	72.6	1	2
2023	Dry, condensed, and evaporated dairy products .....	96.3	906.2	48.2	(D)	48.1	91.2	848.8	46.4	(D)	44.8	2	2
2024	Ice cream and frozen desserts .....	87.3	1 257.6	74.6	(D)	12.7	90.6	1 272.1	78.5	(D)	12.1	2	2
2026	Fluid milk .....	247.8	2 856.3	176.2	12.4	71.6	247.7	2 836.6	175.7	13.4	72.0	1	2
203	Preserved fruits and vegetables .....	777.1	7 845.6	430.0	402.3	347.1	759.6	7 611.4	429.9	409.5	329.7	1	2
2032	Canned specialties .....	75.6	616.0	36.8	(D)	38.8	67.3	576.2	33.0	(D)	34.3	2	1
2033	Canned fruits and vegetables .....	233.4	1 645.9	106.1	(D)	127.3	238.9	1 586.9	108.5	(D)	130.4	3	3
2034	Dehydrated fruits, vegetables, and soups .....	69.0	465.0	28.9	(S)	40.1	68.3	480.3	32.1	3.4	36.2	4	3
2035	Pickles, sauces, and salad dressings .....	51.6	538.6	33.7	(S)	17.9	54.0	556.5	36.4	—	17.6	1	1
2037	Frozen fruits and vegetables .....	227.9	3 059.2	135.5	(D)	92.4	208.1	2 823.7	128.2	(D)	79.9	2	1
2038	Frozen specialties, n.e.c. .....	119.6	1 520.9	88.9	(D)	30.7	123.2	1 588.8	91.9	(D)	31.3	2	4
204	Grain mill products .....	998.5	12 167.0	575.9	(D)	422.6	952.3	11 430.9	562.1	(D)	390.2	1	1
2041	Flour and other grain mill products .....	133.2	2 174.1	113.5	(D)	19.7	125.7	2 019.9	108.7	(D)	17.0	1	5
2043	Cereal breakfast foods .....	84.3	970.5	50.1	(D)	34.2	81.4	901.9	47.6	(D)	33.8	1	1
2044	Rice milling .....	34.9	481.3	26.4	(D)	8.5	27.5	390.6	21.7	(D)	5.8	1	2
2045	Prepared flour mixes and doughs .....	38.8	551.1	30.3	—	8.5	37.4	526.6	28.9	—	8.5	2	4
2046	Wet corn milling .....	427.5	4 900.4	180.6	1 998.9	246.9	409.1	4 590.6	179.1	1 915.8	230.0	1	1
2047	Dog and cat food .....	90.5	1 046.8	55.5	(D)	35.0	71.0	795.4	42.3	(D)	28.7	1	3
2048	Prepared feeds, n.e.c. .....	189.5	2 042.8	119.6	(D)	69.9	200.2	2 205.8	133.8	(D)	66.4	1	2
205	Bakery products .....	404.2	3 728.1	230.3	(D)	173.9	382.7	3 513.3	217.6	(D)	165.1	1	2
2051	Bread, cake, and related products .....	278.9	2 433.6	152.6	27.3	126.3	284.5	2 278.6	143.3	26.7	121.2	1	2
2052	Cookies and crackers .....	96.2	923.0	55.5	(D)	40.7	89.5	873.0	52.6	(D)	36.9	1	2
2053	Frozen bakery products, except bread .....	29.2	371.5	22.2	—	7.0	28.7	361.7	21.7	—	7.0	1	3
206	Sugar and confectionery products .....	406.4	2 783.5	163.9	1 317.9	242.5	403.9	2 677.2	160.8	1 298.1	243.1	1	1
2061	Raw cane sugar .....	34.4	143.1	9.7	438.3	24.7	35.0	132.0	8.9	442.2	26.1	4	2
2062	Cane sugar refining .....	53.4	86.6	6.5	277.5	46.9	52.9	80.5	5.9	271.0	47.0	1	3
2063	Beet sugar .....	133.9	432.6	18.6	495.6	115.3	137.0	439.1	19.5	469.3	117.5	1	1
2064	Candy and other confectionery products and industry 2067, chewing gum .....	120.0	1 411.2	84.2	(D)	35.8	113.0	1 312.4	79.8	(D)	33.2	1	2
2066	Chocolate and cocoa products .....	38.5	430.6	27.0	(D)	11.5	40.8	449.5	29.2	(D)	11.6	1	2
2068	Salted and roasted nuts and seeds .....	26.3	279.5	18.0	(D)	8.3	25.3	263.7	17.5	(D)	7.8	2	2
207	Fats and oils .....	427.9	3 542.0	175.9	417.6	252.0	403.5	3 559.5	175.0	362.1	228.5	2	2
2074	Cottonseed oil mills .....	29.4	371.9	20.8	—	8.6	32.9	437.9	23.6	—	9.3	13	12
2075	Soybean oil mills .....	198.2	1 780.0	75.9	395.2	122.3	180.0	1 746.8	72.8	340.4	107.2	1	1
2076	Vegetable oil mills, n.e.c. .....	12.8	135.7	6.6	(D)	6.2	11.5	126.7	6.1	(D)	5.4	1	2
2077	Animal and marine fats and oils .....	123.0	717.8	42.8	(D)	80.2	115.5	706.4	41.9	(D)	73.6	2	3
2079	Edible fats and oils, n.e.c. .....	64.6	536.6	30.0	(D)	34.6	63.5	541.7	30.6	(D)	32.9	3	2
208	Beverages .....	554.2	5 566.9	331.9	628.5	222.3	523.3	5 471.5	325.1	597.2	198.2	1	1
2082	Malt beverages .....	235.7	2 334.9	124.3	597.5	114.4	220.3	2 356.5	124.9	567.2	95.4	1	1
2083	Malt .....	38.5	399.1	16.2	(D)	22.3	36.6	419.3	16.6	(D)	20.0	2	1
2084	Wines, brandy, and brandy spirits .....	44.6	399.1	33.6	(D)	11.0	44.8	385.4	32.8	(D)	10.0	2	3
2085	Distilled and blended liquors .....	23.7	225.4	11.6	—	12.1	23.5	207.2	11.1	—	12.4	1	1
2086	Bottled and canned soft drinks .....	179.7	1 917.2	127.1	21.1	52.6	170.4	1 828.8	121.2	20.4	49.2	1	2
2087	Flavoring extracts and syrups, n.e.c. .....	31.9	291.1	19.1	—	12.8	29.7	274.3	18.5	—	11.2	3	7
209	Miscellaneous food and kindred products .....	490.9	4 276.5	273.6	167.6	217.3	474.9	4 516.8	278.2	168.9	196.7	2	2
2091	Canned and cured fish and seafoods .....	19.3	119.4	9.1	(D)	10.2	17.3	109.5	8.1	(D)	9.2	2	2
2092	Fresh or frozen prepared fish .....	109.0	737.2	50.1	(D)	58.9	103.4	854.2	57.5	(D)	45.9	2	5
2095	Roasted coffee .....	58.3	527.0	32.8	—	25.5	56.3	530.0	31.8	—	24.5	1	1
2096	Potato chips and similar snacks .....	96.6	730.8	40.9	(D)	55.7	89.9	669.5	37.8	(D)	52.1	1	1
2097	Manufactured ice .....	18.2	203.3	15.8	—	2.4	15.2	200.6	12.9	—	2.3	17	5
2098	Macaroni and spaghetti .....	26.2	259.0	19.3	(D)	6.9	23.6	254.1	16.7	(D)	6.9	9	3
2099	Food preparations, n.e.c. .....	163.1	1 699.9	105.5	(D)	57.6	1						

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993				1992				Standard error of estimate <sup>1</sup> (percent) for column—	C	E	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels and electric energy (million dollars)	Electric energy						Cost of purchased fuels (million dollars)
			Purchased		Generated less sold (million kWh)		Purchased		Generated less sold (million kWh)				
			Quantity (million kWh)	Cost (million dollars)			Quantity (million kWh)	Cost (million dollars)					
A	B	C	D	E	F	G	H	I	J				
<b>21</b>	<b>Tobacco products</b> -----	<b>118.5</b>	<b>1 443.7</b>	<b>73.7</b>	<b>251.6</b>	<b>44.8</b>	<b>124.5</b>	<b>1 512.2</b>	<b>77.1</b>	<b>(D)</b>	<b>47.4</b>	<b>1</b>	<b>1</b>
211	Cigarettes -----	75.6	996.8	46.1	(D)	29.5	76.0	1 054.4	48.9	(D)	27.1	1	1
2111	Cigarettes -----	75.6	996.8	46.1	(D)	29.5	76.0	1 054.4	48.9	(D)	27.1	1	1
212	Cigars -----	4.0	43.8	2.9	—	1.1	3.1	35.1	2.4	—	.7	2	1
2121	Cigars -----	4.0	43.8	2.9	—	1.1	3.1	35.1	2.4	—	.7	2	1
213	Chewing and smoking tobacco -----	6.3	77.7	4.0	—	2.3	6.4	76.4	4.0	—	2.4	1	2
2131	Chewing and smoking tobacco -----	6.3	77.7	4.0	—	2.3	6.4	76.4	4.0	—	2.4	1	2
214	Tobacco stemming and redrying -----	32.5	325.4	20.6	(D)	11.9	39.0	346.3	21.7	(D)	17.3	1	1
2141	Tobacco stemming and redrying -----	32.5	325.4	20.6	(D)	11.9	39.0	346.3	21.7	(D)	17.3	1	1
<b>22</b>	<b>Textile mill products</b> -----	<b>2 236.4</b>	<b>32 742.3</b>	<b>1 601.6</b>	<b>283.5</b>	<b>634.8</b>	<b>2 121.1</b>	<b>31 247.2</b>	<b>1 546.0</b>	<b>281.9</b>	<b>575.1</b>	<b>1</b>	<b>1</b>
221	Broadwoven fabric mills, cotton -----	227.7	4 166.5	179.4	77.8	48.3	223.3	4 088.1	180.5	83.8	42.8	1	1
2211	Broadwoven fabric mills, cotton -----	227.7	4 166.5	179.4	77.8	48.3	223.3	4 088.1	180.5	83.8	42.8	1	1
222	Broadwoven fabric mills, manmade fiber and silk -----	356.2	7 136.3	304.9	(D)	51.3	343.7	6 844.8	298.7	(D)	45.0	1	1
2221	Broadwoven fabric mills, manmade fiber and silk -----	356.2	7 136.3	304.9	(D)	51.3	343.7	6 844.8	298.7	(D)	45.0	1	1
223	Broadwoven fabric mills, wool -----	39.9	489.7	28.2	(D)	11.7	38.0	466.2	26.3	(D)	11.7	1	2
2231	Broadwoven fabric mills, wool -----	39.9	489.7	28.2	(D)	11.7	38.0	466.2	26.3	(D)	11.7	1	2
224	Narrow fabric mills -----	31.7	421.8	24.6	(D)	7.1	30.8	398.9	23.9	(D)	6.9	1	1
2241	Narrow fabric mills -----	31.7	421.8	24.6	(D)	7.1	30.8	398.9	23.9	(D)	6.9	1	1
225	Knitting mills -----	398.4	4 346.3	243.0	(D)	155.4	377.2	4 082.2	232.5	(D)	144.7	2	2
2251	Women's hosiery, except socks -----	39.9	538.1	31.4	—	8.5	40.2	546.5	32.1	—	8.1	5	8
2252	Hosiery, n.e.c. -----	54.2	685.0	37.5	—	16.7	50.4	632.7	34.7	—	15.7	5	6
2253	Knit outerwear mills -----	61.3	599.9	33.7	—	27.6	60.5	573.2	34.3	—	26.2	6	4
2254	Knit outerwear mills -----	19.6	258.3	13.5	—	6.1	17.1	217.0	11.2	—	5.9	2	1
2257	Weft knit fabrics mills -----	151.5	1 507.6	80.8	(D)	70.7	142.2	1 429.3	77.3	(D)	64.9	1	2
2258	Lace and warp knit fabrics mills -----	68.7	714.3	43.4	—	25.3	63.9	644.4	40.5	—	23.4	4	6
2259	Knitting mills, n.e.c. -----	3.1	43.2	2.6	—	.5	2.8	39.1	2.3	—	.5	9	5
226	Textile finishing, except wool -----	309.6	2 532.7	147.5	127.0	162.1	285.6	2 357.6	136.9	124.9	148.7	3	3
2261	Finishing plants, cotton -----	104.9	735.5	43.8	(D)	61.1	95.4	666.1	39.9	(D)	55.5	3	3
2262	Finishing plants, manmade -----	151.6	1 285.1	74.2	(D)	77.4	145.0	1 244.9	71.1	(D)	73.9	4	4
2269	Finishing plants, n.e.c. -----	53.1	512.1	29.6	(D)	23.5	45.2	446.6	25.9	(D)	19.3	8	9
227	Carpets and rugs -----	164.4	1 559.9	86.0	(D)	78.4	147.7	1 444.2	79.7	(D)	68.0	1	1
2273	Carpets and rugs -----	164.4	1 559.9	86.0	(D)	78.4	147.7	1 444.2	79.7	(D)	68.0	1	1
228	Yarn and thread mills -----	444.1	8 579.5	408.7	(D)	35.4	434.6	8 266.7	399.0	(D)	35.6	2	7
2281	Yarn spinning mills -----	332.0	6 567.3	312.5	(D)	19.5	329.0	6 401.8	308.0	(D)	21.0	2	12
2282	Throwing and winding mills -----	85.4	1 600.5	76.1	(D)	9.3	78.4	1 462.5	70.8	(D)	7.6	2	3
2284	Thread mills -----	26.7	411.7	20.1	—	6.6	27.2	402.4	20.2	—	7.0	3	8
229	Miscellaneous textile goods -----	264.6	3 509.7	179.3	(D)	85.3	240.3	3 298.5	168.6	(D)	71.7	2	2
2295	Coated fabrics, not rubberized -----	41.4	357.7	24.2	—	17.2	34.8	299.2	20.5	—	14.3	7	8
2296	Tire cord and fabrics -----	32.5	553.4	26.0	—	6.5	29.4	540.0	24.7	—	4.7	1	1
2297	Nonwoven fabrics -----	118.9	1 733.3	78.1	(D)	40.8	111.0	1 705.2	77.2	(D)	33.8	1	1
2298	Cordage and twine -----	13.9	194.7	11.4	—	2.5	12.4	168.4	10.1	—	2.3	8	6
2299	Textile goods, n.e.c. -----	58.0	670.5	39.7	—	18.3	52.8	585.6	36.1	—	16.7	3	2
<b>23</b>	<b>Apparel and other textile products</b> -----	<b>905.4</b>	<b>9 281.1</b>	<b>636.9</b>	<b>(S)</b>	<b>268.5</b>	<b>822.9</b>	<b>8 236.5</b>	<b>578.4</b>	<b>(S)</b>	<b>244.3</b>	<b>1</b>	<b>2</b>
231	Men's and boys' suits and coats -----	32.0	312.0	22.9	(S)	9.1	32.0	308.7	23.8	—	8.2	2	3
2311	Men's and boys' suits and coats -----	32.0	312.0	22.9	(S)	9.1	32.0	308.7	23.8	—	8.2	2	3
232	Men's and boys' furnishings -----	155.1	1 833.2	117.9	—	37.2	149.9	1 741.1	112.9	—	37.0	2	4
2321	Men's and boys' shirts -----	38.7	498.5	31.5	—	7.2	42.7	536.0	33.2	—	9.5	2	4
2322	Men's and boys' underwear and nightwear -----	5.7	75.6	4.6	—	1.1	5.0	63.2	4.0	—	1.0	8	6
2323	Men's and boys' neckwear -----	3.4	35.4	2.9	—	.5	2.9	28.3	2.4	—	.5	7	4
2325	Men's and boys' trousers and slacks -----	53.7	603.7	39.6	—	14.1	52.7	582.7	38.9	—	13.8	2	6
2326	Men's and boys' work clothing -----	17.5	211.7	13.0	—	4.5	16.0	192.0	11.7	—	4.3	3	4
2329	Men's and boys' clothing, n.e.c. -----	36.2	408.3	26.4	—	9.8	30.7	339.0	22.8	—	7.9	4	8
233	Women's and misses' outerwear -----	367.2	3 218.7	251.7	(S)	115.5	292.2	2 498.7	203.8	—	88.4	2	3
2331	Women's, misses', and juniors' blouses and shirts -----	38.0	325.4	25.4	—	12.6	37.2	327.9	26.1	—	11.1	3	17
2335	Women's, misses', and juniors' dresses -----	128.9	1 084.8	87.6	(S)	41.3	95.5	756.2	66.6	—	28.9	3	2
2337	Women's, misses', and juniors' suits and coats -----	29.2	254.4	21.0	—	8.2	29.2	259.7	21.4	—	7.8	4	5
2339	Women's, misses', and juniors' outerwear, n.e.c. -----	171.1	1 554.1	117.7	—	53.4	130.3	1 155.0	89.7	—	40.6	3	3
234	Women's and children's undergarments -----	34.9	418.2	27.6	(D)	7.3	36.4	402.0	28.0	(D)	8.4	2	2
2341	Women's and children's undergarments -----	27.3	322.4	21.0	—	6.3	29.3	326.9	22.0	—	7.3	2	2
2342	Brassieres, girdles, and allied garments -----	7.6	95.8	6.6	(D)	1.0	7.1	75.1	5.9	(D)	1.2	2	4
235	Hats, caps, and millinery -----	11.6	114.6	7.5	—	4.1	10.9	107.5	6.8	—	4.1	3	2
2353	Hats, caps, and millinery -----	11.6	114.6	7.5	—	4.1	10.9	107.5	6.8	—	4.1	3	2
236	Girls' and children's outerwear -----	45.1	527.6	33.3	(D)	11.8	43.3	461.0	31.7	(D)	11.6	12	15
2361	Girls' and children's dresses and blouses -----	15.3	179.3	10.8	(D)	4.5	19.7	212.1	14.7	(D)	5.0	33	14
2369	Girls' and children's outerwear, n.e.c. -----	29.6	348.3	22.4	—	7.2	23.6	248.9	17.0	—	6.6	6	23
237	Fur goods -----	2.7	19.6	1.6	—	1.1	2.9	16.1	1.7	—	1.2	7	8
2371	Fur goods -----	2.7	19.6	1.6	—	1.1	2.9	16.1	1.7	—	1.2	7	8
238	Miscellaneous apparel and accessories -----	18.3	184.3	13.3	—	5.0	18.7	184.8	13.6	—	5.1	4	8
2381	Fabrics dress and work gloves -----	2.9	36.2	2.1	—	.8	2.5	31.4	1.9	—	.6	11	24
2384	Robes and dressing gowns -----	3.9	42.2	2.7	—	1.2	4.1	44.8	2.9	—	1.2	5	13
2385	Waterproof outerwear -----	2.5	24.9	1.7	—	.8	3.1	30.3	2.2	—	.9	12	12
2386	Leather and sheep-lined clothing -----	1.2	9.9	.9	—	.3	1.2	9.7	.9	—	.3	5	8
2387	Apparel belts -----	3.5	31.1	2.7	—	.8	3.7	28.4	2.7	—	1.0	8	19
2389	Apparel and accessories, n.e.c. -----	4.3	40.0	3.2	—	1.1	4.1	40.1	3.0	—	1.1	11	22

See footnotes at end of table.



**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993				1992				Standard error of estimate <sup>1</sup> (percent) for column—	C	E		
		Cost of purchased fuels and electric energy (million dollars)	Electric energy		Generated less sold (million kWh)	Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy					Cost of purchased fuels (million dollars)	
			Purchased					Generated less sold (million kWh)	Purchased					
			Quantity (million kWh)	Cost (million dollars)					Quantity (million kWh)					Cost (million dollars)
A	B	C	D	E	F	G	H	I	J	K	L			
<b>23</b>	<b>Apparel and other textile products—Con.</b>													
239	Miscellaneous fabricated textile products---	238.5	2 653.0	161.1	(D)	77.4	236.4	2 516.6	156.1	(D)	80.3	2	1	
2391	Curtains and draperies -----	17.5	191.2	12.3	-	5.2	17.2	192.2	12.1	-	5.1	4	2	
2392	Housefurnishings, n.e.c. -----	53.4	660.6	38.7	(D)	14.7	53.9	634.4	36.4	(D)	17.5	2	3	
2393	Textile bags -----	7.3	86.0	5.3	-	2.0	6.7	81.1	4.9	-	1.8	8	7	
2394	Canvas and related products -----	28.6	257.7	13.9	-	14.7	27.5	247.4	13.4	-	14.1	4	2	
2395	Pleating and stitching -----	13.6	129.7	9.0	(Z)	4.6	12.7	126.1	8.7	(Z)	4.0	6	6	
2396	Automotive and apparel trimmings -----	82.9	902.9	55.8	(Z)	27.1	83.4	844.2	55.0	-	28.4	5	2	
2397	Schiffli machine embroideries -----	5.0	42.2	3.1	-	1.9	5.0	38.3	2.9	-	2.1	2	11	
2399	Fabricated textile products, n.e.c. -----	30.4	382.6	23.1	(S)	7.3	30.1	353.0	22.7	-	7.4	4	4	
<b>24</b>	<b>Lumber and wood products</b> -----	<b>1 711.5</b>	<b>21 670.3</b>	<b>1 128.1</b>	<b>748.1</b>	<b>583.4</b>	<b>1 552.4</b>	<b>19 717.8</b>	<b>1 035.7</b>	<b>572.0</b>	<b>516.7</b>	<b>1</b>	<b>3</b>	
241	Logging -----	215.3	528.6	26.3	18.5	189.0	175.0	435.3	22.9	7.6	152.1	2	5	
2411	Logging -----	215.3	528.6	26.3	18.5	189.0	175.0	435.3	22.9	7.6	152.1	2	5	
242	Sawmills and planing mills -----	593.4	8 319.6	444.0	(D)	149.4	545.5	7 683.1	412.7	(D)	132.8	1	3	
2421	Sawmills and planing mills, general -----	531.0	7 283.4	390.4	622.3	140.6	491.6	6 763.0	365.9	468.1	125.7	1	3	
2426	Hardwood dimension and flooring mills -----	59.6	996.4	51.4	(D)	8.2	51.5	884.6	45.0	(D)	6.5	4	12	
2429	Special product sawmills, n.e.c. -----	2.9	39.8	2.2	-	.7	2.5	35.4	1.8	-	.7	16	2	
243	Millwork, plywood, and structural members -----	425.7	6 136.1	319.4	16.4	106.3	387.2	5 540.3	288.0	19.5	99.2	2	4	
2431	Millwork -----	114.1	1 543.5	89.0	-	25.1	99.0	1 347.7	78.0	-	21.0	3	3	
2434	Wood kitchen cabinets -----	66.9	801.4	50.6	(D)	16.3	56.8	651.8	42.3	(D)	14.5	5	5	
2435	Hardwood veneer and plywood -----	45.1	643.6	35.0	(D)	10.1	41.3	558.3	30.9	(D)	10.4	2	5	
2436	Softwood veneer and plywood -----	168.2	2 730.9	123.7	(D)	44.5	163.7	2 669.0	118.9	(D)	44.8	2	9	
2439	Structural wood members, n.e.c. -----	31.6	416.7	21.3	-	10.3	26.4	313.5	17.9	-	8.5	2	3	
244	Wood containers -----	56.4	659.6	40.0	(D)	16.4	52.6	610.8	37.7	(D)	14.9	2	4	
2441	Nailed wood boxes and shook -----	6.4	69.4	4.7	(Z)	1.7	6.8	72.9	4.9	-	1.9	4	23	
2448	Wood pallets and skids -----	43.8	496.1	30.2	(D)	13.6	39.8	450.6	28.1	(D)	11.7	2	4	
2449	Wood containers, n.e.c. -----	6.3	94.0	5.1	-	1.2	5.9	87.4	4.7	-	1.2	2	4	
245	Wood buildings and mobile homes -----	40.7	458.5	29.3	(D)	11.4	33.2	382.1	24.3	-	8.9	8	10	
2451	Mobile homes -----	27.5	323.7	20.8	(D)	6.7	21.1	255.8	16.5	-	4.6	11	17	
2452	Prefabricated wood buildings -----	13.2	134.7	8.5	-	4.7	12.1	126.3	7.9	-	4.2	2	3	
249	Miscellaneous wood products -----	379.9	5 567.9	269.1	(D)	110.8	358.7	5 066.2	249.9	(D)	108.8	2	9	
2491	Wood preserving -----	41.3	352.9	19.0	(D)	22.3	36.7	285.5	16.6	(D)	20.1	4	4	
2493	Reconstituted wood products -----	281.5	4 374.7	199.0	(D)	82.5	260.5	4 067.5	187.7	(D)	72.8	1	1	
2499	Wood products, n.e.c. -----	57.1	884.4	51.0	(D)	6.1	61.5	713.0	45.6	(D)	15.9	8	(A)	
<b>25</b>	<b>Furniture and fixtures</b> -----	<b>541.9</b>	<b>6 407.8</b>	<b>398.4</b>	<b>(D)</b>	<b>143.5</b>	<b>509.6</b>	<b>5 962.6</b>	<b>377.0</b>	<b>(D)</b>	<b>132.6</b>	<b>2</b>	<b>3</b>	
251	Household furniture -----	263.3	3 370.5	207.2	(D)	56.1	253.8	3 233.5	200.5	(D)	53.3	2	4	
2511	Wood household furniture -----	153.5	2 048.2	125.9	6.3	27.6	148.3	1 983.8	121.4	7.2	26.9	4	6	
2512	Upholstered household furniture -----	47.0	582.4	36.0	(D)	11.0	46.4	563.2	35.6	(D)	10.8	2	3	
2514	Metal household furniture -----	29.7	310.8	20.0	(D)	9.7	26.8	273.9	18.4	(D)	8.4	7	6	
2515	Mattresses and bedsprings -----	17.1	167.9	11.2	(Z)	5.9	15.8	161.6	11.0	(Z)	4.8	5	14	
2517	Wood television and radio cabinets -----	4.5	59.8	3.6	-	.9	5.0	62.7	3.8	-	1.2	4	19	
2519	Household furniture, n.e.c. -----	11.6	201.3	10.6	(D)	1.0	11.5	188.3	10.3	(D)	1.2	3	6	
252	Office furniture -----	114.2	1 242.8	77.8	(D)	36.4	104.4	1 146.8	72.9	(D)	31.5	3	3	
2521	Wood office furniture -----	36.3	409.6	26.4	-	9.9	33.8	381.6	25.0	-	8.8	3	3	
2522	Office furniture, except wood -----	77.9	833.1	51.4	(D)	26.5	70.7	765.2	48.0	(D)	22.7	4	4	
253	Public building and related furniture -----	34.9	437.1	25.2	(D)	9.7	27.9	333.9	20.2	(D)	7.7	10	16	
2531	Public building and related furniture -----	34.9	437.1	25.2	(D)	9.7	27.9	333.9	20.2	(D)	7.7	10	16	
254	Partitions and fixtures -----	90.0	917.6	59.7	(D)	30.3	85.6	846.8	56.3	(D)	29.3	3	5	
2541	Wood partitions and fixtures -----	35.5	405.2	25.6	(D)	9.9	35.5	378.3	24.9	(D)	10.6	4	9	
2542	Partitions and fixtures, except wood -----	54.5	512.4	34.1	(D)	20.4	50.0	468.5	31.3	(D)	18.7	3	5	
259	Miscellaneous furniture and fixtures -----	39.4	439.8	28.4	(S)	11.0	37.9	401.6	27.2	(Z)	10.7	3	5	
2591	Draper hardware and blinds and shades -----	13.8	163.4	10.8	(S)	3.0	13.8	159.2	10.7	(Z)	3.1	2	2	
2599	Furniture and fixtures, n.e.c. -----	25.7	276.5	17.7	-	8.0	24.1	242.4	16.5	-	7.6	4	6	
<b>26</b>	<b>Paper and allied products</b> -----	<b>6 006.8</b>	<b>70 491.3</b>	<b>3 022.0</b>	<b>43 791.3</b>	<b>2 984.8</b>	<b>5 705.4</b>	<b>67 846.8</b>	<b>2 873.2</b>	<b>44 707.7</b>	<b>2 832.2</b>	<b>1</b>	<b>1</b>	
261	Pulp mills -----	287.3	2 891.3	112.0	5 623.5	175.3	330.3	2 979.3	117.8	5 844.4	212.5	3	1	
2611	Pulp mills -----	287.3	2 891.3	112.0	5 623.5	175.3	330.3	2 979.3	117.8	5 844.4	212.5	3	1	
262	Paper mills -----	2 962.3	37 623.6	1 436.3	23 223.0	1 526.0	2 842.0	37 019.4	1 393.3	24 518.7	1 448.7	1	1	
2621	Paper mills -----	2 962.3	37 623.6	1 436.3	23 223.0	1 526.0	2 842.0	37 019.4	1 393.3	24 518.7	1 448.7	1	1	
263	Paperboard mills -----	1 535.3	15 063.8	613.0	14 695.5	922.3	1 409.6	13 923.4	564.0	14 128.0	845.6	1	1	
2631	Paperboard mills -----	1 535.3	15 063.8	613.0	14 695.5	922.3	1 409.6	13 923.4	564.0	14 128.0	845.6	1	1	
265	Paperboard containers and boxes -----	519.6	5 484.5	344.2	(D)	175.4	483.2	5 038.6	316.3	(D)	166.9	1	1	
2652	Setup paperboard boxes -----	6.8	65.4	4.8	-	2.0	6.4	59.7	4.4	-	2.0	3	10	
2653	Corrugated and solid fiber boxes -----	325.2	3 147.1	196.5	112.9	128.7	307.8	2 895.0	183.0	99.0	124.8	1	1	
2655	Fiber cans, drums, and similar products -----	28.7	289.1	18.9	(D)	9.8	26.4	286.4	18.3	(D)	8.1	2	7	
2656	Sanitary food containers -----	52.6	715.5	43.9	(D)	8.7	42.4	617.5	35.6	(D)	6.8	1	11	
2657	Folding paperboard boxes -----	106.4	1 267.4	80.2	(D)	26.2	100.2	1 180.0	75.0	(D)	25.2	2	3	
267	Miscellaneous converted paper products -----	702.2	9 428.1	516.5	(D)	185.7	640.4	8 886.1	481.9	(D)	158.5	1	1	
2671	Paper coated and laminated, packaging -----	65.8	825.9	45.9	(D)	19.9	57.3	748.1	40.9	-	16.4	2	3	
2672	Paper coated and laminated, n.e.c. -----	129.9	1 274.0	73.0	(Z)	56.9	117.2	1 210.8	69.2	(Z)	48.0	1	1	
2673	Bags: plastics, laminated, and coated -----	143.4	2 232.1	126.1	(D)	17.3	132.2	2 077.3	117.7	(D)	14.5	2	2	
2674	Bags: uncoated paper and multiwall -----	32.0	475.7	24.9	(D)	7.1	29.7	451.9	23.9	-	5.8	1	4	
2675	Die-cut paper and board -----	19.7	241.4	16.0	-	3.7	18.0	207.0	14.1	-	3.9	4	11	
2676	Sanitary paper products -----	130.5	2 229.1	101.8	(D)	28.7	119.4	2 227.2	95.4	(D)	24.0	1	1	
2677	Envelopes -----	46.4	596.2	39.7	-	6.7	45.6	571.3	39.3	-	6.3	1	3	
2678	Stationery products -----	11.7	146.9	9.1	-	2.6	10.7	132.7	8.4	-	2.3	3	12	
2679	Converted paper products, n.e.c. -----	122.6	1 406.7	79.8	(Z)	42.8	110.4	1 260.0	73.0	(Z)	37.4	3	4	

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
A	B	C	D	E	F	G	H	I	J	C	E		
<b>27</b>	<b>Printing and publishing -----</b>	<b>1 501.6</b>	<b>18 298.6</b>	<b>1 177.7</b>	<b>(Z)</b>	<b>323.9</b>	<b>1 442.3</b>	<b>17 308.8</b>	<b>1 125.4</b>	<b>—</b>	<b>316.9</b>	<b>1</b>	<b>2</b>
271	Newspapers -----	293.4	3 644.4	244.6	(Z)	48.8	296.2	3 652.5	244.9	—	51.3	1	4
2711	Newspapers -----	293.4	3 644.4	244.6	(Z)	48.8	296.2	3 652.5	244.9	—	51.3	1	4
272	Periodicals -----	46.6	477.2	35.9	—	10.7	44.1	423.9	33.7	—	10.4	2	2
2721	Periodicals -----	46.6	477.2	35.9	—	10.7	44.1	423.9	33.7	—	10.4	2	2
273	Books -----	101.6	1 267.0	79.7	—	21.9	101.4	1 304.7	79.5	—	21.9	2	6
2731	Book publishing -----	38.1	399.3	28.6	—	9.5	38.8	418.6	29.9	—	8.9	4	6
2732	Book printing -----	63.5	867.7	51.1	—	12.4	62.5	886.1	49.5	—	13.0	3	9
274	Miscellaneous publishing -----	33.0	378.6	25.4	—	7.6	30.7	346.5	23.9	—	6.8	2	4
2741	Miscellaneous publishing -----	33.0	378.6	25.4	—	7.6	30.7	346.5	23.9	—	6.8	2	4
275	Commercial printing -----	830.9	10 094.5	634.9	—	196.0	777.8	9 193.7	588.9	—	188.9	1	3
2752	Commercial printing, lithographic -----	636.5	7 661.4	489.9	—	146.6	602.1	7 121.1	461.4	—	140.7	1	2
2754	Commercial printing, gravure -----	83.2	1 103.7	57.5	—	25.7	72.3	918.6	50.4	—	21.9	1	1
2759	Commercial printing, n.e.c. -----	111.3	1 329.5	87.5	—	23.8	103.4	1 154.0	77.1	—	26.3	3	20
276	Manifold business forms -----	65.3	905.1	55.6	—	9.7	63.7	913.1	54.1	—	9.6	2	4
2761	Manifold business forms -----	65.3	905.1	55.6	—	9.7	63.7	913.1	54.1	—	9.6	2	4
277	Greeting cards -----	17.0	272.9	14.4	—	2.6	16.4	263.3	14.1	—	2.3	2	22
2771	Greeting cards -----	17.0	272.9	14.4	—	2.6	16.4	263.3	14.1	—	2.3	2	22
278	Blankbooks and bookbinding -----	54.3	584.7	39.7	—	14.6	54.9	570.1	40.4	—	14.5	2	3
2782	Blankbooks and looseleaf binders -----	32.7	371.6	24.6	—	8.1	33.5	361.0	25.1	—	8.4	3	4
2789	Bookbinding and related work -----	21.6	213.1	15.1	—	6.5	21.3	209.1	15.3	—	6.0	4	3
279	Printing trade services -----	59.4	674.4	47.5	—	11.9	57.2	640.9	46.1	—	11.1	3	4
2791	Typesetting -----	16.3	183.5	13.1	—	3.2	15.0	162.9	12.3	—	2.7	5	6
2796	Platemaking services -----	43.1	490.9	34.4	—	8.7	42.3	477.9	33.8	—	8.5	4	5
<b>28</b>	<b>Chemicals and allied products -----</b>	<b>10 685.8</b>	<b>145 855.2</b>	<b>5 477.5</b>	<b>30 134.7</b>	<b>5 208.3</b>	<b>9 757.1</b>	<b>143 003.5</b>	<b>5 212.7</b>	<b>29 323.3</b>	<b>4 544.6</b>	<b>1</b>	<b>1</b>
281	Industrial inorganic chemicals -----	2 996.3	72 257.0	2 178.9	7 082.7	817.4	2 807.4	72 359.8	2 106.3	6 512.3	701.1	1	1
2812	Alkalies and chlorine -----	688.4	14 803.1	451.6	(D)	236.8	619.0	14 898.8	428.8	(D)	190.2	1	1
2813	Industrial gases -----	787.9	18 500.3	713.4	(D)	74.5	737.6	18 151.7	671.6	(D)	66.0	1	1
2816	Inorganic pigments -----	172.2	2 305.0	91.2	(D)	81.5	166.5	2 305.0	89.9	(D)	76.6	1	1
2819	Industrial inorganic chemicals, n.e.c. -----	1 347.3	36 648.7	922.6	1 396.9	424.7	1 284.4	37 008.8	916.1	1 272.0	368.3	1	1
282	Plastics materials and synthetics -----	2 021.5	25 867.6	1 071.6	3 790.9	949.9	1 866.6	25 332.9	1 026.1	3 772.1	840.5	1	1
2821	Plastics materials and resins -----	1 238.1	16 344.7	676.2	2 336.9	561.9	1 126.7	15 870.0	634.9	2 338.4	491.8	1	1
2822	Synthetic rubber -----	228.7	2 107.0	94.6	(D)	134.1	206.4	2 011.9	88.2	(D)	118.2	1	1
2823	Cellulosic manmade fibers -----	78.6	445.0	18.9	(D)	59.7	105.2	401.5	15.9	(D)	89.3	1	1
2824	Organic fibers, noncellulosic -----	476.0	6 971.0	281.8	732.5	194.2	428.3	7 049.5	287.1	528.8	141.2	2	2
283	Drugs -----	619.0	6 848.2	407.1	(D)	211.9	577.9	6 623.1	377.0	(D)	200.9	1	1
2833	Medicinals and botanicals -----	111.1	1 366.4	61.2	(D)	49.9	105.2	1 326.6	58.1	(D)	47.1	1	1
2834	Pharmaceutical preparations -----	388.7	3 925.6	252.5	497.2	136.2	366.0	3 872.8	235.8	432.3	130.2	1	1
2835	Diagnostic substances -----	73.5	1 039.0	58.1	—	15.4	69.0	975.7	54.2	—	14.8	1	3
2836	Biological products, except diagnostic ---	45.5	517.2	35.2	18.7	10.3	37.7	448.0	29.0	—	8.7	2	1
284	Soaps, cleaners, and toilet goods -----	343.2	3 281.9	203.6	(D)	139.6	302.5	2 974.4	186.0	(D)	116.5	1	2
2841	Soap and other detergents -----	122.6	1 040.3	67.4	(D)	55.2	119.7	1 079.0	66.7	(D)	53.0	2	4
2842	Polishes and sanitation goods -----	39.2	463.4	28.8	11.3	10.4	34.7	402.5	25.1	—	9.6	5	4
2843	Surface active agents -----	96.1	774.7	41.2	—	54.9	66.3	569.3	30.9	—	35.4	1	2
2844	Toilet preparations -----	85.3	1 003.5	66.2	(Z)	19.1	81.7	923.6	63.2	—	18.5	2	5
285	Paints and allied products -----	115.5	1 245.1	79.5	(D)	36.0	108.0	1 139.4	74.7	(D)	33.3	2	3
2851	Paints and allied products -----	115.5	1 245.1	79.5	(D)	36.0	108.0	1 139.4	74.7	(D)	33.3	2	3
286	Industrial organic chemicals -----	3 387.5	24 778.6	1 000.1	15 825.7	2 387.4	2 998.9	23 960.9	954.2	15 233.9	2 044.7	1	1
2861	Gum and wood chemicals -----	27.5	227.3	9.7	(S)	17.8	25.3	201.1	8.8	—	16.5	5	5
2865	Cyclic crudes and intermediates -----	482.0	4 032.8	179.5	666.9	302.5	423.1	3 891.9	166.7	399.4	256.4	3	1
2869	Industrial organic chemicals, n.e.c. -----	2 878.0	20 518.5	810.9	15 159.7	2 067.1	2 550.5	19 868.0	778.7	14 834.5	1 771.8	1	1
287	Agricultural chemicals -----	794.1	7 634.6	319.8	2 244.4	474.3	713.3	6 924.5	283.3	2 742.6	430.0	2	1
2873	Nitrogenous fertilizers -----	455.1	3 334.9	129.6	529.6	325.5	403.0	3 241.7	121.7	577.5	281.3	1	1
2874	Phosphatic fertilizers -----	135.5	2 197.3	92.2	1 535.2	43.3	119.1	1 648.9	66.8	1 953.0	52.3	4	4
2875	Fertilizers, mixing only -----	29.1	365.7	16.7	(D)	12.4	28.0	288.9	13.9	(D)	14.1	5	9
2879	Agricultural chemicals, n.e.c. -----	174.5	1 736.7	81.4	(D)	93.1	163.2	1 745.0	80.9	(D)	82.3	1	3
289	Miscellaneous chemical products -----	408.9	3 942.2	217.1	338.2	191.8	382.5	3 688.5	205.1	292.9	177.6	1	2
2891	Adhesives and sealants -----	70.5	730.8	44.6	(D)	25.9	69.8	739.2	46.0	(D)	23.8	3	5
2892	Explosives -----	34.8	330.9	16.0	(D)	18.8	36.3	325.7	15.0	(D)	21.3	1	6
2893	Printing ink -----	25.4	252.3	17.5	—	7.9	25.6	267.2	18.8	5.4	6.8	4	9
2895	Carbon black -----	40.1	538.3	24.2	110.1	15.9	36.9	513.1	22.5	68.3	14.4	1	1
2899	Chemical preparations, n.e.c. -----	238.1	2 089.9	114.8	184.8	123.3	213.9	1 843.3	102.6	161.2	111.3	2	2
<b>29</b>	<b>Petroleum and coal products -----</b>	<b>4 201.9</b>	<b>33 989.3</b>	<b>1 484.3</b>	<b>11 664.2</b>	<b>2 717.6</b>	<b>3 893.2</b>	<b>35 362.3</b>	<b>1 536.9</b>	<b>11 685.4</b>	<b>2 356.3</b>	<b>1</b>	<b>1</b>
291	Petroleum refining -----	3 781.2	31 630.7	1 324.3	11 551.2	2 456.9	3 501.7	33 027.6	1 388.3	11 591.4	2 113.4	1	1
2911	Petroleum refining -----	3 781.2	31 630.7	1 324.3	11 551.2	2 456.9	3 501.7	33 027.6	1 388.3	11 591.4	2 113.4	1	1
295	Asphalt paving and roofing materials -----	336.3	1 710.2	122.7	(S)	213.6	311.3	1 696.8	113.5	(S)	197.8	3	4
2951	Asphalt paving mixtures and blocks -----	248.7	1 006.5	82.5	(D)	166.2	229.2	1 045.1	76.0	(D)	153.2	4	5
2952	Asphalt felts and coatings -----	87.6	703.7	40.2	(S)	47.4	82.1	651.7	37.5	(S)	44.6	2	2
299	Miscellaneous petroleum and coal products -----	84.4	648.4	37.3	110.0	47.1	80.1	637.9	35.1	89.3	45.0	2	1
2992	Lubricating oils and greases -----	51.1	385.6	24.5	3.2	26.6	50.2	348.7	22.8	2.7	27.4	2	2
2999	Petroleum and coal products, n.e.c. -----	33.4	262.8	12.9	106.9	20.5	30.0	289.2	12.3	86.6	17.7	4	1

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
A	B	C	D	E	F	G	H	I	J	C	E		
<b>30</b>	<b>Rubber and miscellaneous plastics products</b>	<b>2 928.0</b>	<b>41 472.7</b>	<b>2 357.7</b>	(D)	<b>570.3</b>	<b>2 712.0</b>	<b>37 895.5</b>	<b>2 193.8</b>	(D)	<b>518.2</b>	<b>1</b>	<b>1</b>
301	Tires and inner tubes	266.4	4 353.4	188.8	(D)	77.6	253.2	4 257.1	184.0	(D)	69.2	1	1
3011	Tires and inner tubes	266.4	4 353.4	188.8	(D)	77.6	253.2	4 257.1	184.0	(D)	69.2	1	1
302	Rubber and plastics footwear	12.4	119.6	8.6	—	3.8	12.7	129.6	9.4	—	3.3	2	1
3021	Rubber and plastics footwear	12.4	119.6	8.6	—	3.8	12.7	129.6	9.4	—	3.3	2	1
305	Hose and belting and gaskets and packing	112.4	1 429.1	84.2	(D)	28.2	108.3	1 369.9	81.8	(D)	26.5	2	2
3052	Rubber and plastics hose and belting	54.0	696.5	37.3	(D)	16.7	51.0	666.9	35.8	(D)	15.2	2	3
3053	Gaskets, packing, and sealing devices	58.4	732.6	46.9	(D)	11.5	57.3	703.0	46.0	(D)	11.3	2	2
306	Fabricated rubber products, n.e.c.	295.3	3 577.3	208.1	(D)	87.2	271.0	3 229.1	193.4	—	77.6	1	2
3061	Mechanical rubber goods	116.8	1 459.0	84.6	(D)	32.2	108.8	1 313.4	80.1	—	28.7	2	2
3069	Fabricated rubber products, n.e.c.	178.6	2 118.3	123.6	—	55.0	162.2	1 915.7	113.3	—	48.9	2	2
308	Miscellaneous plastics products, n.e.c.	2 241.5	31 993.3	1 868.0	(D)	373.5	2 066.8	28 909.8	1 725.2	(D)	341.6	1	1
3081	Unsupported plastics film and sheet	324.9	4 889.5	254.3	(D)	70.6	308.1	4 587.4	241.4	(D)	66.7	1	1
3082	Unsupported plastics profile shapes	86.4	1 189.6	73.0	—	13.4	80.9	1 107.9	68.9	—	12.0	5	9
3083	Laminated plastics plate, sheet, and profile shapes	47.5	521.3	29.4	—	18.1	47.4	518.1	29.4	—	18.0	1	1
3084	Plastics pipe	71.1	1 257.4	66.0	—	5.1	66.7	1 122.5	62.6	—	4.1	2	7
3085	Plastics bottles	190.6	2 972.9	180.7	(D)	9.9	173.7	2 608.2	165.5	(D)	8.2	2	9
3086	Plastics foam products	221.5	2 601.5	154.0	(D)	67.5	207.8	2 475.7	146.6	(D)	61.2	2	1
3087	Custom compounding of purchased plastics resins	105.8	1 354.1	84.4	—	21.4	97.4	1 219.8	78.8	—	18.6	2	6
3088	Plastics plumbing fixtures	14.7	173.0	11.2	—	3.5	14.0	161.6	10.3	—	3.7	6	6
3089	Plastics products, n.e.c.	1 178.9	17 034.1	1 014.8	(D)	164.1	1 070.6	15 108.5	921.5	(D)	149.1	1	2
<b>31</b>	<b>Leather and leather products</b>	<b>110.0</b>	<b>1 065.3</b>	<b>70.1</b>	(D)	<b>39.9</b>	<b>112.5</b>	<b>1 009.8</b>	<b>70.5</b>	(D)	<b>42.0</b>	<b>2</b>	<b>3</b>
311	Leather tanning and finishing	56.1	486.3	30.6	(D)	25.5	58.9	451.6	30.7	(D)	28.2	2	4
3111	Leather tanning and finishing	56.1	486.3	30.6	(D)	25.5	58.9	451.6	30.7	(D)	28.2	2	4
313	Footwear cut stock	2.6	31.6	2.0	—	.6	2.7	33.2	2.1	—	.6	1	5
3131	Footwear cut stock	2.6	31.6	2.0	—	.6	2.7	33.2	2.1	—	.6	1	5
314	Footwear, except rubber	25.8	300.1	21.5	(D)	4.3	24.9	296.4	21.0	(D)	3.9	4	14
3142	House slippers	2.2	22.6	1.7	(D)	.5	2.2	22.3	1.7	(D)	.5	4	1
3143	Men's footwear, except athletic	13.2	157.7	11.2	—	2.0	12.1	144.0	10.2	—	1.9	6	29
3144	Women's footwear, except athletic	6.8	82.9	6.0	—	.8	6.9	88.4	6.1	—	.8	5	8
3149	Footwear, except rubber, n.e.c.	3.5	36.9	2.6	—	.9	3.6	41.6	2.9	—	.7	3	5
315	Leather gloves and mittens	1.4	15.3	.9	(S)	.5	1.3	13.4	.8	—	.5	3	7
3151	Leather gloves and mittens	1.4	15.3	.9	(S)	.5	1.3	13.4	.8	(Z)	.5	3	7
316	Luggage	9.4	90.7	6.1	—	3.3	9.0	86.9	6.1	—	2.9	8	4
3161	Luggage	9.4	90.7	6.1	—	3.3	9.0	86.9	6.1	—	2.9	8	4
317	Handbags and personal leather goods	5.7	50.7	3.8	—	1.9	8.2	68.3	5.7	—	2.5	11	6
3171	Women's handbags and purses	3.2	25.9	1.9	—	1.3	4.2	30.4	2.8	—	1.4	5	5
3172	Personal leather goods, n.e.c.	2.5	24.8	1.9	—	.6	4.0	37.9	2.9	—	1.1	20	16
319	Leather goods, n.e.c.	8.8	90.5	5.2	—	3.6	7.4	60.0	4.1	—	3.3	7	9
3199	Leather goods, n.e.c.	8.8	90.5	5.2	—	3.6	7.4	60.0	4.1	—	3.3	7	9
<b>32</b>	<b>Stone, clay, and glass products</b>	<b>3 715.5</b>	<b>34 375.7</b>	<b>1 703.5</b>	<b>497.6</b>	<b>2 012.0</b>	<b>3 560.6</b>	<b>33 736.7</b>	<b>1 669.0</b>	<b>407.7</b>	<b>1 891.6</b>	<b>1</b>	<b>1</b>
321	Flat glass	189.4	1 535.0	68.2	—	121.2	182.9	1 537.7	70.0	—	112.9	1	1
3211	Flat glass	189.4	1 535.0	68.2	—	121.2	182.9	1 537.7	70.0	—	112.9	1	1
322	Glass and glassware, pressed or blown	714.8	7 414.2	338.6	(S)	376.2	683.9	7 284.0	329.6	—	354.3	1	1
3221	Glass containers	412.0	4 171.8	193.1	(S)	218.9	399.4	4 200.1	191.3	—	208.1	1	1
3229	Pressed and blown glass, n.e.c.	302.8	3 242.4	145.5	—	157.3	284.5	3 083.9	138.3	—	146.2	1	1
323	Products of purchased glass	160.7	2 200.5	120.0	—	40.7	148.2	2 103.8	112.3	—	35.9	1	4
3231	Products of purchased glass	160.7	2 200.5	120.0	—	40.7	148.2	2 103.8	112.3	—	35.9	1	4
324	Cement, hydraulic	836.6	9 484.2	419.7	(D)	416.9	822.7	9 603.5	424.6	(D)	398.1	2	3
3241	Cement, hydraulic	836.6	9 484.2	419.7	(D)	416.9	822.7	9 603.5	424.6	(D)	398.1	2	3
325	Structural clay products	254.1	1 474.5	84.5	(D)	169.6	238.0	1 441.9	83.5	(D)	154.5	2	2
3251	Brick and structural clay tile	157.3	876.0	49.0	(D)	108.3	142.7	826.1	47.4	(D)	95.3	4	3
3253	Ceramic wall and floor tile	47.2	312.6	17.7	—	29.5	39.2	293.8	16.7	—	22.5	1	5
3255	Clay refractories	32.6	216.1	13.0	(D)	19.6	41.1	259.4	15.1	(D)	26.0	2	8
3259	Structural clay products, n.e.c.	17.0	69.8	4.8	—	12.2	15.0	59.6	4.3	—	10.7	1	2
326	Pottery and related products	117.1	929.3	57.8	(D)	59.3	107.8	860.0	53.8	(D)	54.0	2	2
3261	Vitreous plumbing fixtures	35.8	239.9	13.2	—	22.6	30.5	219.9	11.9	—	18.6	2	3
3262	Vitreous china table and kitchenware	14.6	101.6	7.0	—	7.6	14.9	105.9	7.1	—	7.8	3	5
3263	Semitvitreous table and kitchenware	2.7	20.2	1.2	—	1.5	2.5	17.2	1.1	—	1.4	2	1
3264	Porcelain electrical supplies	39.7	396.6	24.8	—	14.9	37.4	375.1	23.4	—	14.0	2	2
3269	Pottery products, n.e.c.	24.2	170.9	11.6	(D)	12.6	22.5	142.0	10.3	(D)	12.2	6	3
327	Concrete, gypsum, and plaster products	870.1	4 901.3	294.3	(D)	575.8	828.3	4 699.0	283.5	(D)	544.8	2	2
3271	Concrete block and brick	51.6	381.3	25.8	(D)	25.8	51.5	363.3	24.0	(D)	27.5	8	10
3272	Concrete products, n.e.c.	110.6	804.2	53.5	(D)	57.1	105.9	731.9	49.8	(D)	56.1	2	3
3273	Ready-mixed concrete	251.7	1 323.4	89.2	2.6	162.5	236.3	1 275.5	83.9	3.2	152.4	2	3
3274	Lime	228.9	1 171.7	57.0	—	171.9	225.0	1 133.6	57.2	—	167.8	2	2
3275	Gypsum products	227.2	1 220.7	68.7	(D)	158.5	209.7	1 194.6	68.6	(D)	141.1	2	3
328	Cut stone and stone products	24.4	294.1	18.0	—	6.4	25.1	286.0	18.8	(D)	6.3	5	12
3281	Cut stone and stone products	24.4	294.1	18.0	—	6.4	25.1	286.0	18.8	(D)	6.3	5	12
329	Miscellaneous nonmetallic mineral products	548.4	6 142.6	302.5	(D)	245.9	523.7	5 920.8	293.0	(D)	230.7	2	1
3291	Abrasive products	72.7	888.5	46.9	(D)	25.8	65.7	814.9	42.0	(D)	23.7	4	5
3292	Asbestos products	(S)	(S)	(S)	(S)	.4	2.9	24.9	2.0	—	.9	1	1
3295	Minerals, ground or treated	135.9	1 221.8	59.8	(D)	76.1	133.2	1 267.6	61.7	(D)	71.5	1	1
3296	Mineral wool	258.4	3 269.4	150.1	(D)	108.3	251.6	3 214.8	149.3	(D)	102.3	1	1
3297	Nonclay refractories	49.7	486.0	29.0	(D)	20.7	42.7	377.5	23.9	(D)	18.8	11	4
3299	Nonmetallic mineral products, n.e.c.	30.8	268.9	16.2	—	14.6	27.6	221.1	14.1	—	13.5	4	8

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
A	B	C	D	E	F	G	H	I	J	C	E		
<b>33</b>	<b>Primary metal industries</b> -----	<b>7 970.3</b>	<b>141 223.7</b>	<b>4 912.1</b>	<b>7 422.5</b>	<b>3 058.2</b>	<b>7 762.7</b>	<b>143 940.0</b>	<b>4 965.9</b>	<b>7 179.8</b>	<b>2 796.8</b>	<b>1</b>	<b>1</b>
331	Blast furnace and basic steel products -----	3 965.7	52 336.5	2 077.9	6 320.8	1 887.8	3 798.2	51 057.3	2 084.0	5 917.5	1 714.2	1	1
3312	Blast furnaces and steel mills -----	3 416.4	43 198.3	1 687.9	5 345.3	1 728.5	3 292.7	42 762.5	1 717.7	4 930.8	1 575.0	1	1
3313	Electrometallurgical products -----	147.3	4 277.5	121.0	(D)	26.3	139.8	3 922.6	111.2	(D)	28.6	1	1
3315	Steel wire and related products -----	135.7	1 909.1	98.8	(S)	36.9	122.3	1 685.7	89.8	(S)	32.5	2	2
3316	Cold finishing of steel shapes -----	144.6	1 695.3	92.7	(D)	51.9	134.6	1 578.4	91.0	(D)	43.6	2	4
3317	Steel pipe and tubes -----	121.5	1 256.3	77.4	(S)	44.1	108.9	1 108.2	74.3	(S)	34.6	1	1
332	Iron and steel foundries -----	794.9	10 509.5	511.6	30.8	283.3	749.1	9 861.4	497.9	21.0	251.2	1	3
3321	Gray and ductile iron foundries -----	580.9	7 415.8	357.7	(D)	223.2	543.1	6 936.2	347.1	(D)	196.0	1	4
3322	Malleable iron foundries -----	30.8	481.5	20.3	-	10.5	26.8	441.6	18.7	-	8.1	1	1
3324	Steel investment foundries -----	57.9	706.3	43.2	(D)	14.7	61.0	767.6	44.7	(D)	16.3	2	4
3325	Steel foundries, n.e.c. -----	125.2	1 905.9	90.3	-	34.9	118.3	1 716.0	87.4	-	30.9	1	2
333	Primary nonferrous metals -----	1 627.2	60 003.4	1 379.9	(D)	247.3	1 699.9	65 291.6	1 461.5	(D)	238.4	1	1
3331	Primary copper -----	145.2	1 733.2	75.3	379.4	69.9	141.7	1 821.7	76.0	305.6	65.7	1	1
3334	Primary aluminum -----	1 305.9	54 629.1	1 190.1	(S)	115.8	1 396.5	60 272.4	1 280.9	(S)	115.6	1	1
3339	Primary nonferrous metals, n.e.c. -----	176.1	3 641.1	114.4	(D)	61.7	161.6	3 197.5	104.5	(D)	57.1	1	1
334	Secondary nonferrous metals -----	154.0	888.1	54.0	(D)	100.0	142.9	876.7	53.7	(D)	89.2	3	2
3341	Secondary nonferrous metals -----	154.0	888.1	54.0	(D)	100.0	142.9	876.7	53.7	(D)	89.2	3	2
335	Nonferrous rolling and drawing -----	949.0	12 574.1	599.4	9.5	349.6	921.4	12 250.1	590.1	29.6	331.3	1	1
3351	Copper rolling and drawing -----	154.4	2 163.4	105.9	3.2	48.5	151.4	2 073.9	105.2	-	46.2	4	2
3353	Aluminum sheet, plate, and foil -----	344.1	4 639.1	183.5	-	160.6	323.5	4 587.7	179.6	-	143.9	1	1
3354	Aluminum extruded products -----	134.3	1 414.7	75.3	-	59.0	137.4	1 297.4	72.6	-	64.8	2	1
3355	Aluminum rolling and drawing, n.e.c. -----	15.7	169.1	8.5	-	7.2	15.6	163.2	8.7	-	6.9	1	1
3356	Nonferrous rolling and drawing, n.e.c. -----	95.0	1 226.9	62.7	(D)	32.3	92.7	1 351.1	62.7	(D)	30.0	3	2
3357	Nonferrous wire drawing and insulating -----	205.5	2 961.1	163.5	(D)	42.0	200.7	2 776.8	161.3	(D)	39.4	1	2
336	Nonferrous foundries (castings) -----	274.1	2 946.0	166.5	(D)	107.6	250.5	2 717.7	156.4	(D)	94.1	2	3
3363	Aluminum die-castings -----	112.3	1 289.7	64.4	(D)	47.9	107.0	1 182.4	61.5	(D)	45.5	3	6
3364	Nonferrous die-castings, except aluminum -----	33.3	334.9	21.5	(D)	11.8	29.4	294.7	19.6	(D)	9.8	3	5
3365	Aluminum foundries -----	87.8	829.7	50.9	(D)	36.9	73.3	742.2	45.0	(D)	28.3	4	5
3366	Copper foundries -----	30.8	365.4	22.9	-	7.9	30.2	357.2	22.5	-	7.7	5	8
3369	Nonferrous foundries, n.e.c. -----	9.9	126.2	6.9	-	3.0	10.6	141.3	7.8	-	2.8	3	2
339	Miscellaneous primary metal products -----	205.5	1 966.1	122.9	6.1	82.6	200.8	1 885.2	122.4	-	78.4	4	6
3398	Metal heat treating -----	135.5	1 183.1	73.6	6.1	61.9	134.5	1 115.3	75.1	-	59.4	6	8
3399	Primary metal products, n.e.c. -----	70.0	783.0	49.3	-	20.7	66.2	769.9	47.2	-	19.0	4	5
<b>34</b>	<b>Fabricated metal products</b> -----	<b>2 982.3</b>	<b>33 380.8</b>	<b>2 049.5</b>	<b>162.6</b>	<b>932.8</b>	<b>2 830.4</b>	<b>31 494.0</b>	<b>1 968.2</b>	<b>173.2</b>	<b>862.2</b>	<b>1</b>	<b>1</b>
341	Metal cans and shipping containers -----	235.9	2 896.2	164.9	(D)	71.0	233.6	2 945.2	162.9	(D)	70.7	1	1
3411	Metal cans -----	209.6	2 703.1	150.9	(D)	58.7	206.3	2 721.3	148.0	(D)	58.3	1	1
3412	Metal barrels, drums, and pails -----	26.4	193.1	14.0	-	12.4	27.3	223.9	14.9	-	12.4	2	3
342	Cutlery, handtools, and hardware -----	231.9	2 777.5	171.1	(D)	60.8	215.3	2 629.2	162.2	(D)	53.1	2	5
3421	Cutlery -----	20.2	209.7	13.9	54.2	6.3	19.3	210.5	13.9	48.3	5.4	2	4
3423	Hand and edge tools, n.e.c. -----	70.0	862.6	51.8	28.0	18.2	63.4	791.8	47.1	10.2	16.3	2	3
3425	Saw blades and handsaws -----	20.9	310.0	17.3	(D)	3.6	18.0	295.2	16.0	(D)	2.0	5	26
3429	Hardware, n.e.c. -----	120.8	1 395.3	88.1	(S)	32.7	114.4	1 331.8	85.1	(S)	29.3	3	9
343	Plumbing and heating, except electric -----	81.9	933.7	55.6	(D)	26.3	78.6	959.6	54.1	(D)	24.5	4	4
3431	Metal sanitary ware -----	24.1	312.1	14.8	-	9.3	24.5	357.3	15.1	-	9.4	12	7
3432	Plumbing fixture fittings and trim -----	30.0	353.4	23.5	(D)	6.5	27.6	340.2	22.0	(D)	5.6	3	3
3433	Heating equipment, except electric -----	27.8	268.3	17.3	-	10.5	26.5	262.1	17.0	-	9.5	2	8
344	Fabricated structural metal products -----	544.6	5 668.5	370.1	17.2	174.5	524.9	5 424.5	353.4	16.8	171.5	1	2
3441	Fabricated structural metal -----	109.8	1 044.2	76.0	(D)	33.8	100.2	1 004.3	66.8	(D)	33.4	2	4
3442	Metal doors, sash, and trim -----	71.6	789.9	48.9	(D)	22.7	70.6	746.0	49.0	(D)	21.6	2	3
3443	Fabricated plate work (boiler shops) -----	128.5	1 432.9	87.5	(D)	41.0	130.6	1 392.0	87.2	(D)	43.4	2	3
3444	Sheet metal work -----	137.9	1 318.7	89.6	(D)	48.3	130.8	1 252.5	85.6	(D)	45.2	3	3
3446	Architectural metal work -----	30.3	307.1	20.5	-	9.8	29.3	286.5	19.7	-	9.6	4	5
3448	Prefabricated metal buildings -----	27.8	295.2	18.8	(D)	9.0	25.0	269.5	16.6	(D)	8.4	5	7
3449	Miscellaneous metal work -----	38.7	480.6	28.8	(S)	9.9	38.4	473.6	28.5	-	9.9	2	4
345	Screw machine products, bolts, etc. -----	171.5	1 901.1	132.3	(D)	39.2	159.4	1 654.4	121.9	(D)	37.5	2	3
3451	Screw machine products -----	68.1	802.9	55.7	(D)	12.4	60.1	679.6	48.1	-	12.0	4	4
3452	Bolts, nuts, rivets, and washers -----	103.3	1 098.1	76.6	-	26.7	99.2	974.8	73.8	(D)	25.4	3	3
346	Metal forgings and stampings -----	668.3	7 426.4	456.2	(D)	212.1	614.4	6 683.4	423.5	(D)	190.9	1	2
3462	Iron and steel forgings -----	160.4	1 511.1	89.9	(D)	70.5	152.3	1 415.7	87.5	(D)	64.8	3	4
3463	Nonferrous forgings -----	43.2	390.2	26.2	-	17.0	41.5	327.8	24.2	-	17.3	2	5
3465	Automotive stampings -----	277.0	3 639.4	217.2	13.6	59.8	254.0	3 248.1	199.1	-	54.9	1	1
3466	Crowns and closures -----	17.2	196.9	10.6	(S)	6.6	15.7	190.8	10.5	-	5.2	1	8
3469	Metal stampings, n.e.c. -----	170.5	1 688.8	112.3	7.2	58.2	150.9	1 501.1	102.2	5.3	48.7	2	3
347	Metal services, n.e.c. -----	427.6	4 143.6	255.6	36.9	172.0	384.2	3 639.6	237.5	22.8	146.7	2	3
3471	Plating and polishing -----	236.7	2 371.8	151.8	36.2	84.9	213.2	2 062.6	141.3	22.8	71.9	3	6
3479	Metal coating and allied services -----	190.9	1 771.8	103.8	.7	87.1	171.0	1 577.0	96.2	-	74.8	2	2
348	Ordnance and accessories, n.e.c. -----	99.9	1 327.5	69.5	(S)	30.4	122.1	1 580.8	87.8	(S)	34.3	1	1
3482	Small arms ammunition -----	15.0	212.2	9.7	-	5.3	15.9	218.6	10.4	-	5.5	2	1
3483	Ammunition, except for small arms, n.e.c. -----	37.8	461.1	24.7	(S)	13.1	51.2	577.9	34.5	(S)	16.7	1	1
3484	Small arms -----	19.5	234.9	15.6	-	3.9	20.8	240.2	16.5	-	4.3	2	2
3489	Ordnance and accessories, n.e.c. -----	27.7	419.3	19.6	(Z)	8.1	34.2	544.0	26.4	(Z)	7.8	3	4
349	Miscellaneous fabricated metal products -----	520.8	6 306.3	374.2	(D)	146.6	497.9	5 977.3	364.8	(D)	133.1	1	2
3491	Industrial valves -----	88.0	1 214.2	72.4	(D)	15.6	83.8	1 188.5	70.7	(D)	13.1	1	2
3492	Fluid power valves and hose fittings -----	37.8	486.3	31.6	(D)	6.2	35.0	445.9	30.1	(D)	4.9	2	4
3493	Steel springs, except wire -----	15.1	128.8	8.2	-	6.9	15.2	123.9	8.2	-	7.0	4	2
3494	Valves and pipe fittings, n.e.c. -----	46.4	562.6	34.1	(S)	12.3	42.5	550.1	32.6	-	9.9	3	3
3495	Wire springs -----	28.3	314.1	19.8	-	8.5	25.0	275.1	17.8	-	7.2	5	9
3496	Miscellaneous fabricated wire products -----	64.2	666.7	41.9	-	22.3	59.5	615.0	39.3	-	20.2	5	8
3497	Metal foil and leaf -----	66.7	935.5	47.2	-	19.5	61.8	884.3	45.1	-	16.7	2	3
3498	Fabricated pipe and fittings -----	43.6	542.3	29.5	-	14.1	42.2	445.3	28.7	-	13.5		

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993				1992				Standard error of estimate <sup>1</sup> (percent) for column—			
		Cost of purchased fuels and electric energy (million dollars)	Electric energy		Generated less sold (million kWh)	Cost of purchased fuels (million dollars)	Electric energy					Cost of purchased fuels (million dollars)	
			Purchased				Generated less sold (million kWh)	Purchased					
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
A	B	C	D	E	F	G	H	I	J	C	E		
<b>35</b>	<b>Industrial machinery and equipment -----</b>	<b>2 600.7</b>	<b>34 360.8</b>	<b>2 001.9</b>	<b>(D)</b>	<b>598.8</b>	<b>2 506.0</b>	<b>33 197.2</b>	<b>1 954.7</b>	<b>(D)</b>	<b>551.3</b>	<b>1</b>	<b>1</b>
351	Engines and turbines -----	206.5	2 995.1	151.3	(D)	55.2	170.3	2 577.9	131.0	(D)	39.3	1	1
3511	Turbines and turbine generator sets -----	77.4	896.2	53.3	(D)	24.1	48.1	597.5	37.6	(D)	10.5	1	1
3519	Internal combustion engines, n.e.c. -----	129.1	2 098.9	98.0	(D)	31.1	122.2	1 980.3	93.4	(D)	28.8	1	1
352	Farm and garden machinery -----	145.1	2 151.6	100.1	(D)	45.0	135.6	2 011.7	95.1	(D)	40.5	1	2
3523	Farm machinery and equipment -----	109.8	1 706.3	76.8	(D)	33.0	103.6	1 596.9	73.0	(D)	30.6	1	2
3524	Lawn and garden equipment -----	35.3	445.2	23.3	(D)	12.0	32.0	414.7	22.1	(D)	9.9	1	2
353	Construction and related machinery -----	290.2	4 039.5	212.0	(D)	78.2	277.9	3 901.9	205.1	(D)	72.8	1	3
3531	Construction machinery -----	150.3	2 156.5	105.3	(D)	45.0	143.5	2 076.0	102.7	(D)	40.8	2	2
3532	Mining machinery -----	19.1	290.4	15.6	—	3.5	17.3	235.2	13.1	—	4.2	5	57
3533	Oil and gas field machinery -----	48.0	714.5	39.0	—	9.0	51.9	804.8	42.1	—	9.8	1	3
3534	Elevators and moving stairways -----	8.3	93.7	5.7	—	2.6	8.2	92.6	5.6	—	2.6	3	4
3535	Conveyors and conveying equipment -----	29.2	336.4	21.2	(Z)	8.0	27.6	311.1	19.8	(Z)	7.8	2	6
3536	Hoists, cranes, and monorails -----	10.7	116.6	7.3	—	3.4	8.8	98.6	6.3	—	2.5	4	16
3537	Industrial trucks and tractors -----	24.7	331.3	18.0	—	6.7	20.6	283.5	15.4	—	5.2	2	3
354	Metalworking machinery -----	363.4	4 376.5	288.5	(S)	74.9	346.6	4 101.5	273.7	(S)	72.9	2	3
3541	Machine tools, metal cutting types -----	38.1	443.8	29.5	(D)	8.6	40.4	488.6	30.8	(D)	9.6	3	5
3542	Machine tools, metal forming types -----	19.5	230.7	14.2	—	5.3	18.2	213.4	13.6	—	4.6	2	4
3543	Industrial patterns -----	8.7	99.7	6.2	(Z)	2.5	9.0	93.7	6.2	(Z)	2.8	4	10
3544	Special dies, tools, jigs, and fixtures -----	147.9	1 716.1	117.0	(D)	30.9	133.4	1 509.9	105.5	(D)	27.9	3	4
3545	Machine tool accessories -----	66.9	880.4	56.6	(D)	10.3	65.2	833.8	54.7	(D)	10.5	2	5
3546	Power-driven handtools -----	23.8	356.1	20.7	—	3.1	22.4	321.2	19.2	—	3.2	3	6
3547	Rolling mill machinery -----	9.2	89.5	6.6	—	2.6	9.6	95.0	7.2	—	2.4	1	2
3548	Welding apparatus -----	36.9	416.4	27.5	—	9.4	35.1	397.1	26.5	—	8.6	2	2
3549	Metalworking machinery, n.e.c. -----	12.4	143.8	10.1	—	2.3	13.3	148.9	10.1	—	3.2	8	46
355	Special industry machinery -----	215.2	2 577.9	166.5	(D)	48.7	198.5	2 347.0	153.4	(D)	45.1	2	4
3552	Textile machinery -----	23.6	339.5	18.7	—	4.9	20.5	292.6	16.5	—	4.0	8	12
3553	Woodworking machinery -----	10.4	149.4	8.0	—	2.4	9.5	132.6	7.6	—	1.9	4	10
3554	Paper industries machinery -----	23.7	268.9	17.5	—	6.2	23.3	263.6	16.6	—	6.7	2	2
3555	Printing trades machinery -----	22.2	281.3	18.4	(S)	3.8	20.7	255.0	16.4	—	4.3	5	12
3556	Food products machinery -----	21.0	229.2	14.3	—	6.7	18.1	209.4	12.8	—	5.3	6	7
3559	Special industry machinery, n.e.c. -----	114.4	1 309.6	89.7	(D)	24.7	106.4	1 193.8	83.5	(D)	22.9	3	5
356	General industrial machinery -----	429.1	5 470.1	328.8	(S)	100.3	401.5	5 151.1	310.1	(S)	91.4	2	3
3561	Pumps and pumping equipment -----	58.7	720.6	47.7	(D)	11.0	57.4	709.4	47.3	(D)	10.1	2	5
3562	Ball and roller bearings -----	114.8	1 703.5	87.2	—	27.6	106.3	1 584.3	81.0	—	25.3	3	2
3563	Air and gas compressors -----	41.1	506.3	30.9	—	10.2	38.1	456.6	28.2	(D)	9.9	1	1
3564	Blowers and fans -----	28.8	299.6	19.8	—	9.0	29.9	344.0	21.9	—	8.0	14	17
3565	Packaging machinery -----	27.2	321.3	21.2	—	6.0	23.3	278.3	18.6	—	4.7	8	12
3566	Speed changers, drives, and gears -----	29.7	395.9	23.1	—	6.6	27.3	356.5	21.7	—	5.6	3	6
3567	Industrial furnaces and ovens -----	20.6	212.2	15.2	(D)	5.4	20.2	219.9	15.6	(D)	4.6	4	7
3568	Power transmission equipment, n.e.c. -----	43.9	569.2	34.5	—	9.4	40.1	519.7	31.4	(D)	8.7	9	4
3569	General industrial machinery, n.e.c. -----	64.5	741.4	49.2	(D)	15.3	58.9	680.2	44.4	—	14.5	2	7
357	Computer and office equipment -----	305.2	4 468.6	265.3	(D)	39.9	341.8	5 080.7	300.1	(D)	41.7	1	2
3571	Electronic computers -----	134.7	1 990.5	119.8	(D)	14.9	168.4	2 631.3	153.2	(D)	15.2	1	1
3572	Computer storage devices -----	60.7	992.9	52.4	(D)	8.3	65.9	1 065.7	60.2	—	5.7	1	1
3575	Computer terminals -----	13.0	155.9	11.9	—	1.1	17.4	134.3	10.9	—	6.5	12	18
3577	Computer peripheral equipment, n.e.c. -----	58.5	894.7	49.3	(D)	9.2	53.9	831.2	45.7	(D)	8.2	1	3
3578	Calculating and accounting equipment -----	6.5	71.3	5.6	—	.9	4.9	62.0	4.3	—	6	11	33
3579	Office machines, n.e.c. -----	31.8	363.4	26.3	(D)	5.5	31.4	356.1	25.9	(D)	5.5	1	1
358	Refrigeration and service machinery -----	237.3	3 218.7	174.1	5.4	63.2	254.2	3 426.3	191.0	—	63.2	9	3
3581	Automatic vending machines -----	8.4	100.8	6.6	—	1.8	8.4	94.4	6.5	—	1.9	1	1
3582	Commercial laundry equipment -----	4.0	49.9	2.9	—	1.1	5.2	60.3	3.3	—	1.9	1	1
3585	Refrigeration and heating equipment -----	179.1	2 520.2	131.0	—	48.1	191.6	2 684.8	142.9	—	48.7	12	4
3586	Measuring and dispensing pumps -----	8.7	123.0	7.0	—	1.7	8.5	123.7	7.3	—	1.2	4	9
3589	Service industry machinery, n.e.c. -----	37.2	424.8	26.6	—	10.6	40.5	463.1	31.0	—	9.5	12	3
359	Industrial machinery, n.e.c. -----	408.5	5 062.7	315.3	(D)	93.2	379.5	4 599.1	295.1	(D)	84.4	2	3
3592	Carburetors, pistons, rings, and valves -----	48.5	660.7	34.8	(D)	13.7	44.8	596.7	33.0	(D)	11.8	1	1
3593	Fluid power cylinders and actuators -----	22.3	328.8	19.4	(D)	2.9	22.3	325.2	19.6	(D)	2.7	1	2
3594	Fluid power pumps and motors -----	21.8	346.0	19.3	—	2.5	21.3	354.4	19.2	—	2.1	1	3
3596	Scales and balances, except laboratory -----	5.4	70.5	4.4	—	1.0	5.2	64.7	4.2	—	1.0	5	2
3599	Industrial machinery, n.e.c. -----	310.4	3 656.8	237.4	(D)	73.0	285.9	3 258.1	219.1	(D)	66.8	3	4
<b>36</b>	<b>Electronic and other electric equipment ---</b>	<b>2 496.9</b>	<b>35 096.7</b>	<b>2 036.3</b>	<b>(S)</b>	<b>460.6</b>	<b>2 325.0</b>	<b>32 976.6</b>	<b>1 918.6</b>	<b>(D)</b>	<b>406.4</b>	<b>1</b>	<b>2</b>
361	Electric distribution equipment -----	99.9	1 340.5	76.2	(S)	23.7	96.5	1 260.2	72.6	—	23.9	1	1
3612	Transformers, except electronic -----	48.8	665.0	34.8	—	14.0	49.0	648.7	34.1	—	14.9	2	1
3613	Switchgear and switchboard apparatus ---	51.1	675.5	41.4	(S)	9.7	47.5	611.4	38.5	—	9.0	2	2
362	Electrical industrial apparatus -----	278.1	4 235.4	208.0	(D)	70.1	251.3	3 864.6	190.6	(D)	60.7	1	1
3621	Motors and generators -----	106.5	1 558.0	85.7	(D)	20.8	97.0	1 441.4	77.2	(D)	19.8	1	1
3624	Carbon and graphite products -----	96.3	1 709.4	59.5	(D)	36.8	79.6	1 447.9	50.2	(D)	29.4	1	1
3625	Relays and industrial controls -----	55.0	737.4	46.1	(D)	8.9	55.8	761.8	47.6	—	8.2	2	7
3629	Electrical industrial apparatus, n.e.c. -----	20.3	233.6	16.7	—	3.6	19.0	213.4	15.6	—	3.4	3	9
363	Household appliances -----	165.2	2 505.8	120.0	(D)	45.2	158.3	2 364.2	116.0	(D)	42.3	1	1
3631	Household cooking equipment -----	28.9	370.8	18.7	(D)	10.2	28.5	372.0	18.5	(D)	10.0	1	1
3632	Household refrigerators and freezers -----	37.6	656.0	29.5	(D)	8.1	34.3	589.5	27.6	(D)	6.7	1	2
3633	Household laundry equipment -----	30.8	485.1	20.5	(D)	10.3	29.6	473.9	20.2	(D)	9.4	1	1
3634	Electric housewares and fans -----	28.5	379.1	22.0	—	6.5	25.9	330.0	20.0	—	5.9	2	4
3635	Household vacuum cleaners -----	15.9	262.9	12.8	—	3.1	16.6	248.1	13.2	—	3.4	1	2
3639	Household appliances, n.e.c. -----	23.4	351.8	16.5	(D)	6.9	23.4	350.5	16.4	(D)	7.0	2	2
364	Electric lighting and wiring equipment -----	266.5	3 136.9	196.8	(D)	69.7	250.0	2 997.7	187.7	(D)	62.3	2	7
3641	Electric lamp bulbs and tubes -----	48.6	595.0	34.6	(D)	14.0	49.5	641.2	34.6	(D)	14.9	4	3
3643	Current-carrying wiring devices -----	55.8	657.5	45.9	(D)	9.9	53.5	641.3	44.7	(D)	8.8	3	2
3644	Noncurrent-carrying wiring devices -----	56.4	719.4	44.6	(D)	11.8	56.9	712.1	44.9	—	12.0	1	2
3645	Residential lighting fixtures -----	22.2	131.3	10.6	—	11.6	16.7	133.7	10.4	—	6.3	6	41
3646	Commercial lighting fixtures -----	27.5	247.9	17.5	—	10.0	27.3	237.4	17.1	—	10.2	5	3
3647	Vehicle lighting equipment -----	34.8	560.6	28.4	(S)	6.4	26.8	428.3	22.0	—	4.8	6	13

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993					1992					Standard error of estimate <sup>1</sup> (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)		
			Purchased		Generated less sold (million kWh)			Purchased		Generated less sold (million kWh)			
			Quantity (million kWh)	Cost (million dollars)				Quantity (million kWh)	Cost (million dollars)				
A	B	C	D	E	F	G	H	I	J	C	E		
<b>36</b>	<b>Electronic and other electric equipment—Con.</b>												
365	Household audio and video equipment .....	64.0	926.0	52.0	(D)	12.0	58.4	821.7	47.6	—	10.8	2	2
3651	Household audio and video equipment .....	35.3	501.5	27.4	(D)	7.9	32.1	419.7	24.9	—	7.2	3	2
3652	Prerecorded records and tapes .....	28.6	424.5	24.6	—	4.0	26.3	402.0	22.7	—	3.6	2	2
366	Communications equipment .....	237.6	3 208.4	203.9	(D)	33.7	239.0	3 342.3	208.2	(D)	30.8	1	1
3661	Telephone and telegraph apparatus .....	97.3	1 400.5	84.1	(S)	13.2	99.8	1 437.8	87.3	—	12.5	1	1
3663	Radio and television communications equipment .....	122.0	1 603.8	104.7	(D)	17.3	121.8	1 688.5	106.5	(D)	15.3	1	2
3669	Communications equipment, n.e.c. ....	18.4	204.0	15.2	(S)	3.2	17.5	216.0	14.4	—	3.1	2	2
367	Electronic components and accessories ...	1 101.8	15 596.6	947.8	(D)	154.0	1 003.2	14 585.6	874.3	(D)	128.9	1	2
3671	Electron tubes .....	69.1	928.6	52.5	(S)	16.6	65.7	930.9	50.5	—	15.2	1	1
3672	Printed circuit boards .....	148.6	1 763.5	122.1	(D)	26.5	141.8	1 721.7	118.6	(D)	23.2	2	4
3674	Semiconductors and related devices .....	466.2	7 306.3	417.5	(D)	48.7	499.9	8 001.2	451.9	(D)	48.0	1	4
3675	Electronic capacitors .....	44.3	676.9	38.9	—	5.4	31.4	480.7	27.0	—	4.4	2	15
3676	Electronic resistors .....	17.2	246.8	15.4	—	1.8	17.8	250.5	15.9	—	1.9	1	2
3677	Electronic coils and transformers .....	11.3	125.5	8.6	(D)	2.7	10.8	119.0	8.4	—	2.4	8	11
3678	Electronic connectors .....	47.8	604.2	40.8	—	7.0	44.1	590.3	37.9	—	6.2	1	2
3679	Electronic components, n.e.c. ....	297.4	3 944.8	252.0	(D)	45.4	191.9	2 491.3	164.1	(D)	27.8	2	4
369	Miscellaneous electrical equipment and supplies .....	283.8	4 147.3	231.5	(D)	52.3	268.4	3 740.3	221.7	(D)	46.7	1	2
3691	Storage batteries .....	88.7	1 332.8	72.5	—	16.2	84.2	1 231.4	70.2	—	14.0	2	1
3692	Primary batteries, dry and wet .....	18.8	303.4	15.6	(S)	3.2	18.4	295.2	15.5	—	2.9	3	3
3694	Engine electrical equipment .....	65.6	1 092.9	53.4	(D)	12.2	54.5	822.6	44.4	(D)	10.1	2	5
3695	Magnetic and optical recording media ...	69.1	936.3	56.0	(D)	13.1	67.3	885.2	55.1	(D)	12.2	2	2
3699	Electrical equipment and supplies, n.e.c. ...	41.6	481.9	34.1	(D)	7.5	44.0	505.9	36.5	(D)	7.5	2	7
<b>37</b>	<b>Transportation equipment .....</b>	<b>3 100.1</b>	<b>41 843.9</b>	<b>2 246.7</b>	<b>(D)</b>	<b>853.4</b>	<b>2 908.9</b>	<b>39 800.9</b>	<b>2 190.5</b>	<b>(D)</b>	<b>718.4</b>	<b>2</b>	<b>1</b>
371	Motor vehicles and equipment .....	1 902.1	25 988.9	1 329.8	(D)	572.3	1 675.5	22 808.4	1 204.8	(D)	470.7	3	1
3711	Motor vehicles and car bodies .....	679.2	9 576.1	441.0	(D)	238.2	620.0	8 448.0	417.1	(D)	202.9	1	1
3713	Truck and bus bodies .....	53.1	450.7	35.8	(D)	17.3	49.6	678.8	33.7	(D)	15.9	3	3
3714	Motor vehicle parts and accessories .....	1 133.3	15 507.3	827.0	(D)	306.3	973.3	13 302.0	730.6	(D)	242.7	5	1
3715	Truck trailers .....	23.4	319.4	17.1	(D)	6.3	20.3	259.2	15.2	(D)	5.1	2	4
3716	Motor homes .....	13.1	135.4	8.8	(D)	4.3	12.3	120.4	8.2	(D)	4.1	1	3
372	Aircraft and parts .....	723.2	9 773.6	544.0	(D)	179.2	744.3	10 666.9	601.1	(D)	143.2	1	2
3721	Aircraft .....	295.4	4 106.0	215.7	(D)	79.7	299.9	4 456.0	243.8	(D)	56.1	1	1
3724	Aircraft engines and engine parts .....	194.0	2 316.0	144.4	(D)	49.6	205.1	2 653.1	161.8	(D)	43.3	1	1
3728	Aircraft parts and equipment, n.e.c. ....	233.8	3 351.6	183.8	(D)	50.0	239.2	3 557.9	195.5	(D)	43.7	1	5
373	Ship and boat building and repairing .....	157.0	2 127.9	120.3	(D)	36.7	158.2	2 173.8	125.1	(D)	33.1	1	2
3731	Ship building and repairing .....	115.3	1 676.6	92.2	(D)	23.1	119.6	1 751.5	98.2	(D)	21.4	1	2
3732	Boat building and repairing .....	41.7	451.3	28.1	(D)	13.6	38.6	422.3	26.9	(D)	11.7	2	4
374	Railroad equipment .....	54.8	536.0	32.2	(D)	22.6	63.8	650.9	41.9	(D)	21.9	5	3
3743	Railroad equipment .....	54.8	536.0	32.2	(D)	22.6	63.8	650.9	41.9	(D)	21.9	5	3
375	Motorcycles, bicycles, and parts .....	11.8	152.9	7.3	(D)	4.5	10.6	135.9	6.9	(D)	3.7	1	3
3751	Motorcycles, bicycles, and parts .....	11.8	152.9	7.3	(D)	4.5	10.6	135.9	6.9	(D)	3.7	1	3
376	Guided missiles, space vehicles, parts .....	206.2	2 725.5	181.4	—	24.8	215.6	2 881.9	182.4	—	33.2	1	1
3761	Guided missiles and space vehicles .....	135.9	1 810.5	122.6	—	13.3	132.9	1 836.8	118.8	—	14.1	1	1
3764	Space propulsion units and parts .....	50.9	685.9	42.4	—	8.5	55.7	761.3	43.9	—	11.8	1	1
3769	Space vehicle equipment, n.e.c. ....	19.4	229.0	16.4	(D)	3.0	27.0	283.8	19.8	(D)	7.2	1	1
379	Miscellaneous transportation equipment .....	45.1	539.2	31.7	(S)	13.4	40.9	483.1	28.2	—	12.7	2	3
3792	Travel trailers and campers .....	10.7	108.9	7.0	(D)	3.7	10.4	107.9	6.9	(D)	3.5	4	6
3795	Tanks and tank components .....	10.8	137.1	9.0	—	1.8	10.6	136.0	8.4	—	2.2	1	6
3799	Transportation equipment, n.e.c. ....	23.5	293.2	15.6	(D)	7.9	20.0	239.2	13.0	(D)	7.0	2	3
<b>38</b>	<b>Instruments and related products .....</b>	<b>1 132.2</b>	<b>13 989.7</b>	<b>912.8</b>	<b>(D)</b>	<b>219.4</b>	<b>1 117.5</b>	<b>13 634.3</b>	<b>895.8</b>	<b>(D)</b>	<b>221.7</b>	<b>1</b>	<b>2</b>
381	Search and navigation equipment .....	293.3	4 136.0	265.6	(D)	27.7	296.5	4 169.7	268.1	(D)	28.4	1	1
3812	Search and navigation equipment .....	293.3	4 136.0	265.6	(D)	27.7	296.5	4 169.7	268.1	(D)	28.4	1	1
382	Measuring and controlling devices .....	309.3	3 790.6	257.4	(D)	51.9	302.8	3 585.5	250.6	(D)	52.2	1	7
3821	Laboratory apparatus and furniture .....	18.8	200.3	13.7	—	5.1	19.8	220.3	14.8	—	5.0	2	2
3822	Environmental controls .....	28.2	394.9	23.8	—	4.4	26.2	360.9	21.8	—	4.4	3	5
3823	Process control instruments .....	53.5	635.2	44.5	(D)	9.0	54.5	621.9	44.0	(D)	10.5	2	3
3824	Fluid meters and counting devices .....	22.3	321.0	18.2	—	4.1	18.3	269.0	15.5	—	2.8	4	12
3825	Instruments to measure electricity .....	70.8	856.8	58.2	(D)	12.6	74.9	849.8	60.0	(D)	14.9	1	27
3826	Analytical instruments .....	38.5	437.8	32.5	(D)	6.0	34.1	384.6	28.9	(D)	5.2	2	8
3827	Optical instruments and lenses .....	34.4	406.0	29.8	—	4.6	34.3	393.7	30.3	—	4.0	1	7
3829	Measuring and controlling devices, n.e.c. ...	42.9	538.5	36.7	(D)	6.2	40.7	485.3	35.3	(D)	5.4	6	15
384	Medical instruments and supplies .....	295.6	3 811.2	249.6	(D)	46.0	283.4	3 622.3	235.1	(D)	48.3	1	3
3841	Surgical and medical instruments .....	111.5	1 486.5	97.5	(D)	14.0	104.2	1 364.1	89.1	(D)	15.1	2	7
3842	Surgical appliances and supplies .....	106.7	1 338.1	85.8	(D)	20.9	102.3	1 285.3	81.9	(D)	20.4	2	4
3843	Dental equipment and supplies .....	15.0	171.9	12.5	—	2.5	15.5	153.4	11.1	—	4.4	5	3
3844	X-ray apparatus and tubes .....	21.0	279.0	17.6	—	3.4	21.1	289.1	18.0	—	3.1	1	1
3845	Electromedical equipment .....	41.3	535.8	36.2	(D)	5.1	40.1	530.4	34.9	—	5.2	1	2
385	Ophthalmic goods .....	31.7	407.4	27.5	(D)	4.2	28.9	349.0	24.7	—	4.2	2	5
3851	Ophthalmic goods .....	31.7	407.4	27.5	(D)	4.2	28.9	349.0	24.7	—	4.2	2	5
386	Photographic equipment and supplies .....	193.8	1 738.0	105.8	(D)	88.0	197.9	1 806.6	110.7	(D)	87.2	1	1
3861	Photographic equipment and supplies .....	193.8	1 738.0	105.8	(D)	88.0	197.9	1 806.6	110.7	(D)	87.2	1	1
387	Watches, clocks, watchcases, and parts ...	8.6	106.5	7.0	—	1.6	7.9	101.1	6.6	—	1.3	2	5
3873	Watches, clocks, watchcases, and parts ...	8.6	106.5	7.0	—	1.6	7.9	101.1	6.6	—	1.3	2	5

See footnotes at end of table.

**Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993				1992				Standard error of estimate <sup>1</sup> (percent) for column—			
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels (million dollars)	Electric energy					Cost of purchased fuels (million dollars)	
			Purchased		Generated less sold (million kWh)		Purchased		Generated less sold (million kWh)				
			Quantity (million kWh)	Cost (million dollars)			Quantity (million kWh)	Cost (million dollars)					
A	B	C	D	E	F	G	H	I	J	C	E		
<b>39</b>	<b>Miscellaneous manufacturing industries ---</b>	<b>466.2</b>	<b>5 106.4</b>	<b>334.2</b>	<b>(S)</b>	<b>132.0</b>	<b>412.4</b>	<b>4 509.9</b>	<b>301.0</b>	<b>(D)</b>	<b>111.4</b>	<b>2</b>	<b>4</b>
391	Jewelry, silverware, and plated ware -----	35.3	309.5	23.5	—	11.8	30.9	295.9	22.8	—	8.1	8	29
3911	Jewelry, precious metal -----	16.9	148.2	12.9	—	4.0	17.7	163.0	13.8	—	3.9	8	10
3914	Silverware and plated ware -----	11.5	111.9	5.9	—	5.6	6.7	87.2	4.3	—	2.4	26	59
3915	Jewelers' materials and lapidary work -----	6.9	49.4	4.7	—	2.2	6.5	45.7	4.6	—	1.9	2	5
393	Musical instruments -----	11.7	116.7	8.2	(D)	3.5	11.1	111.9	7.8	(D)	3.3	2	3
3931	Musical instruments -----	11.7	116.7	8.2	(D)	3.5	11.1	111.9	7.8	(D)	3.3	2	3
394	Toys and sporting goods -----	137.0	1 583.6	99.8	(D)	37.2	116.0	1 348.3	85.7	(D)	30.3	2	6
3942	Dolls and stuffed toys -----	3.9	37.6	2.7	—	1.2	2.5	20.2	1.7	—	0.8	23	32
3944	Games, toys, and children's vehicles -----	55.3	624.5	40.2	(D)	15.1	45.7	555.7	36.1	(D)	9.6	4	13
3949	Sporting and athletic goods, n.e.c. -----	77.6	921.5	56.8	(D)	20.8	67.8	772.3	47.9	(D)	19.9	3	3
395	Pens, pencils, office, and art supplies -----	40.2	478.6	30.4	(D)	9.8	38.6	451.5	30.5	—	8.1	4	12
3951	Pens and mechanical pencils -----	12.4	146.3	10.2	—	2.2	11.6	127.0	9.5	—	2.1	4	2
3952	Lead pencils and art goods -----	10.0	118.6	6.9	(D)	3.1	9.1	124.0	7.1	—	2.0	6	32
3953	Marking devices -----	8.0	117.6	6.9	—	1.1	9.0	109.8	7.4	—	1.6	16	35
3955	Carbon paper and inked ribbons -----	9.7	96.2	6.3	—	3.4	8.8	90.7	6.4	—	2.4	3	10
396	Costume jewelry and notions -----	33.4	374.4	24.9	—	8.5	31.6	345.2	23.7	—	7.9	1	4
3961	Costume jewelry -----	12.4	95.0	8.4	—	4.0	12.7	92.8	8.6	—	4.1	2	5
3965	Fasteners, buttons, needles, and pins ---	20.9	279.5	16.4	—	4.5	18.9	252.4	15.1	—	3.8	1	5
399	Miscellaneous manufactures -----	208.8	2 243.6	147.5	(D)	61.3	184.2	1 957.1	130.5	(D)	53.7	2	3
3991	Brooms and brushes -----	16.7	213.0	13.2	—	3.5	13.7	167.6	10.7	—	3.0	2	3
3993	Signs and advertising specialties -----	64.6	635.8	43.6	(D)	21.0	56.9	546.0	38.4	(D)	18.5	5	7
3995	Burial caskets -----	12.5	154.0	7.7	—	4.8	11.2	138.3	7.2	—	4.0	5	5
3996	Hard surface floor coverings, n.e.c. -----	41.5	444.6	30.3	—	11.2	39.5	428.4	28.6	—	10.9	1	1
3999	Manufacturing industries, n.e.c. -----	73.5	796.2	52.7	—	20.8	62.9	676.8	45.6	—	17.3	2	3

<sup>1</sup>Description of standard error of estimate is given in Introduction under Qualifications of the Data. Percentage standard errors shown are approximate relative standard errors of estimates of level.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1993 and 1992**

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

SIC code	Industry group and industry	1993						1992						Standard error of estimate <sup>1</sup> (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
	<b>All industries -----</b>	<b>102 200.9</b>	<b>15 616.4</b>	<b>86 584.5</b>	<b>5 533.0</b>	<b>1 750.2</b>	<b>3 782.8</b>	<b>103 210.6</b>	<b>16 231.9</b>	<b>86 981.8</b>	<b>7 433.2</b>	<b>1 748.8</b>	<b>5 684.2</b>	<b>1</b>	<b>2</b>
20	Food and kindred products -----	9 389.3	1 815.2	7 574.1	484.0	157.8	326.2	9 899.4	1 922.2	7 977.1	600.3	227.4	372.9	1	5
21	Tobacco products -----	387.7	(D)	(D)	(D)	(D)	(D)	389.3	(D)	(D)	(D)	(D)	(D)	1	(X)
22	Textile mill products -----	2 450.0	(D)	(D)	135.8	27.7	108.0	2 223.9	(D)	(D)	166.5	32.2	134.3	2	4
23	Apparel and other textile products ---	961.3	194.7	766.6	69.4	35.0	34.4	942.0	201.3	740.7	124.8	43.0	81.8	3	7
24	Lumber and wood products -----	1 950.7	329.9	1 620.9	229.8	(D)	(D)	1 761.8	280.7	1 481.1	321.1	(D)	(D)	3	7
25	Furniture and fixtures -----	972.5	233.9	738.6	65.9	23.1	42.9	814.2	170.8	643.4	98.2	17.9	80.2	4	7
26	Paper and allied products -----	7 363.8	873.3	6 490.5	316.6	49.2	267.4	7 950.4	781.3	7 169.2	599.2	74.3	524.9	1	8
27	Printing and publishing -----	4 873.6	787.4	4 086.2	422.2	96.9	325.3	5 378.8	903.6	4 475.3	529.5	98.2	431.3	2	6
28	Chemicals and allied products -----	15 679.0	2 751.3	12 927.7	505.2	244.0	261.2	16 384.1	2 609.7	13 774.5	695.2	160.7	534.3	1	5
29	Petroleum and coal products -----	6 303.9	800.3	5 503.6	132.1	34.0	98.1	6 539.0	571.5	5 967.6	158.4	41.2	117.2	1	2
30	Rubber and miscellaneous plastics products -----	4 994.6	704.9	4 289.7	232.2	54.4	177.9	4 790.0	661.3	4 128.7	392.9	59.5	333.4	2	7
31	Leather and leather products -----	130.8	(D)	(D)	(D)	(D)	6.1	133.0	(D)	(D)	(D)	(D)	15.8	6	(X)
32	Stone, clay, and glass products -----	2 417.2	340.1	2 077.1	207.2	46.5	160.7	2 454.5	293.4	2 161.2	222.5	22.1	200.4	2	14
33	Primary metal industries -----	4 726.4	535.4	4 191.0	298.5	49.7	248.8	5 344.9	647.9	4 697.0	311.6	45.5	266.0	1	3
34	Fabricated metal products -----	4 912.6	674.9	4 237.7	595.8	154.2	441.5	4 452.1	623.4	3 828.7	592.6	107.3	485.3	2	7
35	Industrial machinery and equipment -	7 930.6	1 204.3	6 726.2	627.4	177.1	450.3	8 063.5	1 125.1	6 938.4	751.2	148.3	602.9	2	4
36	Electronic and other electric equipment -----	9 985.2	1 242.7	8 742.4	362.5	155.0	207.6	8 980.0	1 149.3	7 830.7	787.8	248.7	539.1	1	4
37	Transportation equipment -----	11 408.2	1 825.4	9 582.7	431.8	171.8	260.0	11 045.0	2 791.4	8 253.6	574.9	127.0	448.0	1	3
38	Instruments and related products ---	4 430.9	761.0	3 669.9	323.0	172.1	150.9	4 617.2	884.6	3 732.6	368.8	224.3	144.5	2	2
39	Miscellaneous manufacturing industries -----	932.7	188.9	743.9	72.5	40.7	31.8	1 047.5	191.8	855.7	94.3	32.1	62.2	3	8

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993						1992						Standard error of estimate <sup>1</sup> (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L		
<b>20</b>	<b>Food and kindred products</b> .....	<b>9 389.3</b>	<b>1 815.2</b>	<b>7 574.1</b>	<b>484.0</b>	<b>157.8</b>	<b>326.2</b>	<b>9 899.4</b>	<b>1 922.2</b>	<b>7 977.1</b>	<b>600.3</b>	<b>227.4</b>	<b>372.9</b>	<b>1</b>	<b>5</b>
201	Meat products .....	1 257.9	324.9	933.1	41.4	23.4	18.0	1 189.3	286.4	902.9	70.4	15.1	55.3	3	11
2011	Meat packing plants .....	289.8	76.0	213.8	11.9	5.4	6.5	343.2	72.8	270.4	24.7	3.7	21.1	3	5
2013	Sausages and other prepared meats .....	413.2	106.6	306.6	16.6	9.6	7.0	379.7	96.7	283.0	23.2	5.7	17.5	8	27
2015	Poultry slaughtering and processing .....	554.8	142.2	412.6	12.9	8.4	4.5	466.4	116.9	349.5	22.5	5.8	16.8	1	1
202	Dairy products .....	937.5	225.2	712.3	(D)	11.1	(D)	1 010.0	224.1	785.9	(D)	59.0	(D)	2	(X)
2021	Creamery butter .....	12.6	2.7	9.9	.9	(D)	(D)	9.1	1.3	7.8	1.0	(D)	(D)	11	33
2022	Cheese, natural and processed .....	274.3	58.0	216.3	(D)	(D)	3.1	261.8	57.8	204.0	(D)	(D)	5.4	4	(X)
2023	Dry, condensed, and evaporated dairy products .....	134.8	34.2	100.6	4.3	1.4	2.8	188.5	37.6	150.9	7.6	2.1	5.5	3	12
2024	Ice cream and frozen desserts .....	180.3	46.0	134.4	4.8	.9	3.9	188.1	46.3	141.7	13.3	1.7	11.7	5	8
2026	Fluid milk .....	335.4	84.4	251.1	32.1	7.6	24.6	362.5	81.1	281.5	24.7	7.3	17.4	2	10
203	Preserved fruits and vegetables .....	1 414.0	264.2	1 149.7	116.0	29.9	86.1	1 474.8	315.1	1 159.8	96.3	29.0	67.3	3	16
2032	Canned specialties .....	191.2	28.7	162.5	(D)	(D)	(D)	274.7	85.8	188.9	(D)	(D)	(D)	4	(X)
2033	Canned fruits and vegetables .....	404.1	69.8	334.3	35.6	6.6	29.0	445.1	104.0	341.1	29.2	2.8	26.4	6	50
2034	Dehydrated fruits, vegetables, and soups .....	81.3	21.6	59.7	23.3	8.5	14.9	91.7	17.3	74.4	11.9	3.0	8.9	9	4
2035	Pickles, sauces, and salad dressings .....	149.4	26.1	123.3	.8	.2	.6	158.8	22.3	136.5	10.5	4.3	6.2	8	7
2037	Frozen fruits and vegetables .....	313.2	57.8	255.5	42.0	11.3	30.7	254.8	35.5	219.3	11.7	1.9	9.7	9	2
2038	Frozen specialties, n.e.c. ....	274.8	60.3	214.5	(D)	(D)	(D)	249.7	50.2	199.5	(D)	(D)	(D)	4	(X)
204	Grain mill products .....	1 399.0	228.3	1 170.7	(D)	(D)	(D)	1 606.9	327.1	1 279.7	(D)	(D)	(D)	2	(X)
2041	Flour and other grain mill products .....	119.7	17.9	101.7	17.5	3.7	13.8	253.5	117.0	136.5	6.3	1.0	5.3	9	2
2043	Cereal breakfast foods .....	396.4	77.3	319.1	.4	(D)	(D)	396.6	56.2	340.4	3.3	(D)	(D)	2	6
2044	Rice milling .....	39.7	9.1	30.5	(D)	(D)	(D)	23.5	3.7	19.7	(D)	(D)	(D)	9	(X)
2045	Prepared flour mixes and doughs .....	105.5	14.0	91.6	2.5	.4	2.1	160.6	37.7	122.9	16.5	10.3	6.1	10	33
2046	Wet corn milling .....	441.9	69.3	372.6	17.5	(D)	(D)	409.2	50.9	358.3	.9	(D)	(D)	1	1
2047	Dog and cat food .....	141.4	12.0	129.4	(D)	(D)	(D)	179.8	22.9	156.9	(D)	(D)	(D)	6	(X)
2048	Prepared feeds, n.e.c. ....	154.4	28.6	125.8	11.8	3.5	8.3	183.6	38.6	145.0	10.8	1.6	9.2	6	15
205	Bakery products .....	863.5	(D)	(D)	66.7	(D)	(D)	861.8	(D)	(D)	58.0	(D)	(D)	2	7
2051	Bread, cake, and related products .....	510.7	119.0	391.7	47.0	15.3	31.7	514.4	101.0	413.4	28.4	7.6	20.9	3	9
2052	Cookies and crackers .....	314.2	34.8	279.4	17.1	10.6	6.5	310.3	38.0	272.4	27.4	17.9	9.5	3	3
2053	Frozen bakery products, except bread .....	38.6	(D)	(D)	2.6	(D)	(D)	37.1	(D)	(D)	2.2	(D)	(D)	8	8
206	Sugar and confectionery products .....	819.4	(D)	(D)	27.5	9.3	18.1	897.4	(D)	(D)	59.1	25.7	33.4	3	4
2061	Raw cane sugar .....	52.7	10.4	42.3	2.9	(D)	(D)	59.3	8.1	51.2	3.6	(D)	(D)	8	2
2062	Cane sugar refining .....	30.5	5.1	25.4	(D)	(D)	(D)	56.3	18.0	38.2	(D)	(D)	(D)	3	(X)
2063	Beet sugar .....	128.6	13.4	115.2	(D)	(D)	(D)	96.5	16.6	80.0	(D)	(D)	(D)	1	(X)
2064	Candy and other confectionery products and industry 2067, chewing gum .....	411.5	74.6	336.9	19.1	8.5	10.6	378.7	39.3	339.4	28.8	6.5	22.4	3	5
2066	Chocolate and cocoa products .....	125.5	(D)	(D)	(D)	(D)	(D)	261.9	(D)	(D)	(D)	(D)	(D)	9	(X)
2068	Salted and roasted nuts and seeds .....	70.5	17.1	53.5	1.3	.1	1.2	44.7	4.2	40.5	8.2	3.8	4.4	2	9
207	Fats and oils .....	335.2	52.6	282.6	15.8	2.0	13.8	323.0	56.0	267.0	37.9	11.9	25.9	4	8
2074	Cottonseed oil mills .....	21.8	4.6	17.2	(D)	(D)	(D)	12.0	3.5	8.6	(D)	(D)	(D)	34	(X)
2075	Soybean oil mills .....	146.7	26.4	120.3	4.3	(D)	(D)	123.2	18.7	104.5	7.4	(D)	(D)	1	1
2076	Vegetable oil mills, n.e.c. ....	8.1	.5	7.7	(D)	(D)	(D)	10.4	1.2	9.3	(D)	(D)	(D)	1	(X)
2077	Animal and marine fats and oils .....	70.1	9.5	60.6	5.7	.7	5.0	70.3	9.9	60.4	11.9	1.8	10.1	11	16
2079	Edible fats and oils, n.e.c. ....	88.4	11.6	76.9	2.9	.1	2.8	107.0	22.8	84.2	15.9	7.1	8.7	3	1
208	Beverages .....	1 387.3	241.2	1 146.1	47.2	18.1	29.1	1 537.3	270.2	1 267.1	60.4	23.3	37.1	2	7
2082	Malt beverages .....	479.3	78.8	400.5	2.1	.6	1.5	565.0	109.7	455.3	11.7	3.0	8.7	1	14
2083	Malt .....	39.3	(D)	(D)	(D)	(D)	(D)	27.1	(D)	(D)	(D)	(D)	(D)	7	(X)
2084	Wines, brandy, and brandy spirits .....	146.1	34.5	111.6	5.4	2.7	2.7	114.7	23.9	90.8	3.9	1.4	2.5	6	7
2085	Distilled and blended liquors .....	42.1	6.6	35.5	(D)	(D)	(D)	56.3	11.6	44.8	(D)	(D)	(D)	1	(X)
2086	Bottled and canned soft drinks .....	616.2	92.7	523.4	31.4	11.0	20.4	698.5	101.7	596.8	33.2	13.1	20.1	2	7
2087	Flavoring extracts and syrups, n.e.c. ....	64.3	21.2	43.0	(D)	(D)	(D)	75.6	18.3	57.2	(D)	(D)	(D)	7	(X)
209	Miscellaneous food and kindred products .....	975.6	169.8	805.8	65.1	24.2	40.9	998.9	142.5	856.4	72.2	23.3	48.9	4	4
2091	Canned and cured fish and seafoods .....	45.1	9.4	35.7	1.0	.4	.6	20.1	4.6	15.6	1.3	.3	1.0	6	20
2092	Fresh or frozen prepared fish .....	113.0	28.4	84.6	9.4	4.3	5.1	149.6	27.4	122.1	16.7	4.1	12.6	7	9
2095	Roasted coffee .....	111.2	8.5	102.8	2.9	(D)	(D)	149.1	12.6	136.5	11.6	(D)	(D)	4	8
2096	Potato chips and similar snacks .....	250.1	44.6	205.5	5.2	(D)	(D)	259.1	46.8	212.4	9.0	(D)	(D)	2	37
2097	Manufactured ice .....	21.4	2.6	18.8	3.9	(D)	(D)	13.8	1.3	12.5	4.6	(D)	(D)	51	9
2098	Macaroni and spaghetti .....	40.7	6.5	34.2	3.9	(D)	(D)	74.7	6.3	68.5	4.2	(D)	(D)	3	1
2099	Food preparations, n.e.c. ....	394.2	69.9	324.3	38.7	16.1	22.6	332.3	43.6	288.8	24.9	14.0	10.9	8	2
<b>21</b>	<b>Tobacco products</b> .....	<b>387.7</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>389.3</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>1</b>	<b>(X)</b>
211	Cigarettes .....	338.6	(D)	(D)	(D)	-	(D)	322.5	(D)	(D)	(D)	-	(D)	1	(X)
2111	Cigarettes .....	338.6	(D)	(D)	(D)	-	(D)	322.5	(D)	(D)	(D)	-	(D)	1	(X)
212	Cigars .....	2.7	.2	2.5	(D)	(D)	(D)	3.0	.8	2.3	(D)	(D)	(D)	35	(X)
2121	Cigars .....	2.7	.2	2.5	(D)	(D)	(D)	3.0	.8	2.3	(D)	(D)	(D)	35	(X)
213	Chewing and smoking tobacco .....	15.5	2.9	12.6	(D)	(D)	(D)	15.1	2.1	13.0	(D)	(D)	(D)	7	(X)
2131	Chewing and smoking tobacco .....	15.5	2.9	12.6	(D)	(D)	(D)	15.1	2.1	13.0	(D)	(D)	(D)	7	(X)
214	Tobacco stemming and redrying .....	31.0	3.2	27.7	1.4	(D)	(D)	48.6	7.7	40.9	1.4	(D)	(D)	1	1
2141	Tobacco stemming and redrying .....	31.0	3.2	27.7	1.4	(D)	(D)	48.6	7.7	40.9	1.4	(D)	(D)	1	1

See footnotes at end of table.



**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993						1992						Standard error of estimate <sup>1</sup> (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L		
<b>22</b>	<b>Textile mill products -----</b>	<b>2 450.0</b>	<b>(D)</b>	<b>(D)</b>	<b>135.8</b>	<b>27.7</b>	<b>108.0</b>	<b>2 223.9</b>	<b>(D)</b>	<b>(D)</b>	<b>166.5</b>	<b>32.2</b>	<b>134.3</b>	<b>2</b>	<b>4</b>
221	Broadwoven fabric mills, cotton ---	222.6	29.0	193.6	11.1	4.4	6.7	168.1	20.6	147.6	15.6	.7	14.9	1	6
2211	Broadwoven fabrics mills, cotton-----	222.6	29.0	193.6	11.1	4.4	6.7	168.1	20.6	147.6	15.6	.7	14.9	1	6
222	Broadwoven fabric mills, manmade fiber and silk -----	433.3	42.6	390.7	17.8	2.3	15.5	357.3	35.3	322.0	21.8	5.4	16.4	2	8
2221	Broadwoven fabrics mills, manmade fiber and silk -----	433.3	42.6	390.7	17.8	2.3	15.5	357.3	35.3	322.0	21.8	5.4	16.4	2	8
223	Broadwoven fabric mills, wool ----	49.6	12.5	37.1	5.3	3.4	1.8	32.7	5.2	27.5	4.6	1.7	3.0	7	7
2231	Broadwoven fabrics mills, wool -	49.6	12.5	37.1	5.3	3.4	1.8	32.7	5.2	27.5	4.6	1.7	3.0	7	7
224	Narrow fabric mills -----	39.9	8.1	31.8	2.4	.2	2.2	50.3	10.5	39.9	4.0	1.0	3.0	10	23
2241	Narrow fabrics mills -----	39.9	8.1	31.8	2.4	.2	2.2	50.3	10.5	39.9	4.0	1.0	3.0	10	23
225	Knitting mills -----	575.9	79.4	496.4	36.6	6.8	29.8	525.8	75.3	450.4	37.1	10.2	26.9	3	10
2251	Women's hosiery, except socks -----	71.8	3.9	67.9	(D)	(D)	1.9	65.0	6.0	59.1	(D)	(D)	6.3	6	(X)
2252	Hosiery, n.e.c. -----	81.0	10.1	70.9	13.2	4.4	8.8	66.4	10.7	55.7	8.1	2.3	5.9	8	20
2253	Knit outerwear mills -----	117.7	22.7	95.0	3.0	.2	2.8	117.5	23.0	94.5	6.3	3.5	2.9	6	15
2254	Knit underwear mills -----	33.8	6.0	27.8	(D)	(D)	.4	35.5	6.0	29.5	(D)	(D)	.6	6	(X)
2257	Weft knit fabrics mills -----	197.1	29.4	167.7	12.4	1.2	11.2	159.8	21.6	138.2	9.3	2.7	6.6	3	4
2258	Lace and warp knit fabrics mills -----	69.4	6.7	62.7	4.7	.1	4.6	75.8	7.2	68.6	4.6	.3	4.3	9	48
2259	Knitting mills, n.e.c.-----	5.1	.6	4.5	.1	(Z)	.1	5.8	.9	4.9	.4	(Z)	.4	19	33
226	Textile finishing, except wool ----	185.0	22.1	163.0	15.4	(D)	(D)	188.3	26.6	161.7	16.7	(D)	(D)	2	4
2261	Finishing plants, cotton -----	44.4	7.8	36.6	4.6	(D)	(D)	60.2	7.1	53.1	5.1	(D)	(D)	3	2
2262	Finishing plants, manmade -----	112.2	12.0	100.3	6.4	.6	5.9	104.4	16.1	88.3	8.7	1.7	7.0	2	7
2269	Finishing plants, n.e.c. -----	28.4	2.3	26.1	4.3	1.0	3.3	23.6	3.4	20.2	2.9	.4	2.6	7	9
227	Carpets and rugs -----	160.1	36.8	123.3	9.3	2.8	6.5	144.6	35.1	109.5	20.0	2.6	17.4	3	9
2273	Carpets and rugs -----	160.1	36.8	123.3	9.3	2.8	6.5	144.6	35.1	109.5	20.0	2.6	17.4	3	9
228	Yarn and thread mills -----	433.5	(D)	(D)	23.2	(D)	(D)	401.5	(D)	(D)	23.9	(D)	(D)	4	12
2281	Yarn spinning mills -----	280.9	28.4	252.5	14.2	.9	13.4	294.0	38.4	255.6	18.7	3.7	15.0	6	18
2282	Throwing and winding mills -----	128.4	(D)	(D)	7.5	(D)	(D)	85.5	(D)	(D)	2.2	(D)	(D)	2	2
2284	Thread mills -----	24.3	3.1	21.1	1.4	(Z)	1.4	22.0	2.2	19.8	3.0	(Z)	3.0	10	58
229	Miscellaneous textile goods -----	350.1	47.6	302.5	14.7	(D)	(D)	355.4	44.0	311.4	22.7	(D)	(D)	4	8
2295	Coated fabrics, not rubberized -----	55.8	5.5	50.3	(D)	(D)	.3	47.1	5.6	41.5	(D)	(D)	.8	18	(X)
2296	Tire cord and fabrics -----	72.8	10.0	62.8	(D)	.1	(D)	37.2	.9	36.4	(D)	-	(D)	1	(X)
2297	Nonwoven fabrics -----	132.6	11.5	121.1	(D)	(D)	3.7	166.2	23.6	142.7	(D)	(D)	4.7	4	(X)
2298	Cordage and twine -----	22.4	3.9	18.5	.7	.1	.6	21.5	3.1	18.4	3.3	.4	2.9	18	17
2299	Textile goods, n.e.c. -----	66.5	16.7	49.8	7.0	.5	6.5	83.3	10.8	72.5	5.0	.6	4.4	6	12
<b>23</b>	<b>Apparel and other textile products -----</b>	<b>961.3</b>	<b>194.7</b>	<b>766.6</b>	<b>69.4</b>	<b>35.0</b>	<b>34.4</b>	<b>942.0</b>	<b>201.3</b>	<b>740.7</b>	<b>124.8</b>	<b>43.0</b>	<b>81.8</b>	<b>3</b>	<b>7</b>
231	Men's and boys' suits and coats --	23.2	5.7	17.5	4.0	1.6	2.4	22.2	3.2	19.0	9.5	4.3	5.3	15	5
2311	Men's and boys' suits and coats -----	23.2	5.7	17.5	4.0	1.6	2.4	22.2	3.2	19.0	9.5	4.3	5.3	15	5
232	Men's and boys' furnishings -----	226.7	37.3	189.4	16.0	8.2	7.7	250.7	67.9	182.8	29.2	12.2	17.0	2	6
2321	Men's and boys' shirts -----	69.8	12.3	57.5	3.2	1.6	1.6	84.5	16.7	67.8	6.8	1.2	5.6	3	10
2322	Men's and boys' underwear and nightwear -----	8.0	.8	7.2	.2	-	.2	6.9	1.2	5.7	.5	.1	.3	7	95
2323	Men's and boys' neckwear -----	5.0	.6	4.4	2.6	-	2.6	6.0	.8	5.3	(Z)	-	(Z)	20	2
2325	Men's and boys' trousers and slacks -----	84.3	11.2	73.1	(D)	(D)	1.6	92.0	35.5	56.5	(D)	(D)	6.9	3	(X)
2326	Men's and boys' work clothing --	22.6	2.9	19.7	2.0	.8	1.2	24.9	2.3	22.6	2.5	.4	2.1	8	9
2329	Men's and boys' clothing, n.e.c. -----	37.1	9.6	27.5	(D)	(D)	.6	36.4	11.4	25.0	(D)	(D)	2.1	6	(X)
233	Women's and misses' outerwear --	164.6	31.9	132.7	21.4	10.3	11.2	200.8	45.0	155.8	18.5	5.6	12.9	4	14
2331	Women's, misses', and juniors' blouses and shirts -----	26.0	3.1	22.9	4.6	1.0	3.6	38.2	7.9	30.3	4.8	1.0	3.8	11	62
2335	Women's, misses', and juniors' dresses -----	40.0	8.4	31.7	3.1	1.1	2.1	42.3	9.9	32.4	4.6	2.2	2.4	8	13
2337	Women's, misses', and juniors' suits and coats -----	27.5	3.2	24.3	1.6	1.0	.6	31.5	8.8	22.7	1.6	.3	1.3	13	25
2339	Women's, misses', and juniors' outerwear, n.e.c. -----	71.1	17.2	53.9	12.1	7.2	5.0	88.8	18.4	70.4	7.5	2.1	5.4	4	4
234	Women's and children's undergarments -----	40.8	6.3	34.5	1.4	.4	.9	42.1	7.0	35.1	3.9	1.2	2.6	10	6
2341	Women's and children's underwear -----	20.8	3.1	17.7	.3	(Z)	.2	29.1	3.7	25.4	2.8	.9	2.0	18	29
2342	Brassieres, girdles, and allied garments -----	19.9	3.2	16.8	1.1	.4	.7	12.9	3.2	9.7	1.0	.4	.7	2	2
235	Hats, caps, and millinery -----	21.9	5.6	16.2	.5	(Z)	.5	21.5	6.2	15.4	3.0	1.3	1.7	22	62
2353	Hats, caps, and millinery -----	21.9	5.6	16.2	.5	(Z)	.5	21.5	6.2	15.4	3.0	1.3	1.7	22	62
236	Girls' and children's outerwear -----	25.4	5.7	19.7	1.8	.9	.9	24.0	4.7	19.3	3.8	.6	3.3	21	38
2361	Girls' and children's dresses and blouses -----	11.4	2.9	8.5	.8	.4	.4	13.2	2.8	10.4	1.6	.4	1.2	19	9
2369	Girls' and children's outerwear, n.e.c. -----	14.0	2.7	11.2	1.0	.5	.5	10.7	1.9	8.9	2.2	.1	2.1	35	69
237	Fur goods -----	1.0	.1	.9	(Z)	-	(Z)	1.9	.3	1.6	(Z)	-	(Z)	14	(X)
2371	Fur goods -----	1.0	.1	.9	(Z)	-	(Z)	1.9	.3	1.6	(Z)	-	(Z)	14	(X)
238	Miscellaneous apparel and accessories -----	22.6	4.6	18.0	1.6	-	1.6	19.3	2.1	17.1	1.7	.3	1.3	23	6
2381	Fabrics dress and work gloves -	6.0	2.0	4.0	(D)	-	(D)	2.8	.5	2.2	(D)	-	(D)	25	(X)
2384	Robes and dressing gowns -----	1.7	.6	1.1	(D)	-	(D)	2.2	.5	1.8	(D)	(D)	(D)	31	(X)
2385	Waterproof outerwear -----	1.0	.1	.9	(Z)	(D)	(D)	2.5	.4	2.0	.1	(D)	(D)	11	(X)
2386	Leather and sheep-lined clothing -----	1.6	(D)	(D)	-	(D)	(D)	1.3	(D)	(D)	.1	(D)	(D)	35	(X)
2387	Apparel belts -----	3.1	.2	2.9	(D)	-	(D)	5.2	.1	5.1	.3	(D)	(D)	6	(X)
2389	Apparel and accessories, n.e.c. -	9.3	(D)	(D)	(D)	-	(D)	5.4	(D)	(D)	.7	(D)	(D)	54	(X)

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993						1992						Standard error of estimate <sup>1</sup> (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L		
<b>23</b>	<b>Apparel and other textile products—Con.</b>														
239	Miscellaneous fabricated textile products -----	435.2	97.4	337.8	22.8	13.5	9.2	359.5	65.0	294.5	55.2	17.5	37.7	5	15
2391	Curtains and draperies -----	16.8	7.2	9.6	1.0	.3	.7	16.1	3.8	12.3	2.1	.2	1.9	27	6
2392	Housefurnishings, n.e.c. -----	111.0	28.0	83.0	2.6	.9	1.7	83.6	17.9	65.7	10.2	2.2	8.0	9	17
2393	Textile bags -----	19.4	6.3	13.1	1.2	.8	.4	12.0	2.0	10.0	1.3	.3	1.0	44	18
2394	Canvas and related products -----	26.2	3.3	22.9	2.9	2.3	.5	19.2	2.3	16.9	1.8	.6	1.2	34	40
2395	Pleating and stitching -----	17.0	8.4	8.6	3.9	2.9	1.0	22.8	8.8	14.0	3.1	1.2	1.9	41	35
2396	Automotive and apparel trimmings -----	165.1	31.6	133.5	6.5	3.1	3.5	139.7	18.4	121.3	7.7	2.5	5.2	8	40
2397	Schiffli machine embroideries -----	4.9	.6	4.3	.4	.1	.3	6.7	.8	5.9	.5	.1	.3	23	47
2399	Fabricated textile products, n.e.c. -----	74.8	11.8	62.9	4.3	3.1	1.1	59.4	11.0	48.4	28.5	10.3	18.2	8	8
<b>24</b>	<b>Lumber and wood products -----</b>	<b>1 950.7</b>	<b>329.9</b>	<b>1 620.9</b>	<b>229.8</b>	<b>(D)</b>	<b>(D)</b>	<b>1 761.8</b>	<b>280.7</b>	<b>1 481.1</b>	<b>321.1</b>	<b>(D)</b>	<b>(D)</b>	<b>3</b>	<b>7</b>
241	Logging -----	367.2	29.0	338.2	55.8	6.4	49.3	375.5	20.5	355.0	91.5	6.1	85.4	6	11
2411	Logging -----	367.2	29.0	338.2	55.8	6.4	49.3	375.5	20.5	355.0	91.5	6.1	85.4	6	11
242	Sawmills and planing mills -----	602.2	97.3	504.9	71.7	16.9	54.8	509.6	88.5	421.2	82.0	7.6	74.3	6	17
2421	Sawmills and planing mills, general -----	548.1	85.7	462.4	67.9	16.4	51.5	457.1	77.0	380.0	72.2	6.4	65.9	6	18
2426	Hardwood dimension and flooring mills -----	47.9	9.5	38.4	2.9	.3	2.6	47.8	9.4	38.3	8.7	1.2	7.5	17	20
2429	Special product sawmills, n.e.c. -----	6.2	2.1	4.1	.9	.2	.7	4.8	2.0	2.8	1.0	.1	.9	63	82
243	Millwork, plywood, and structural members -----	503.7	87.0	416.7	42.4	(D)	(D)	468.0	79.7	388.3	107.2	(D)	(D)	3	6
2431	Millwork -----	184.3	39.7	144.6	18.6	8.1	10.5	190.7	39.4	151.3	24.2	6.7	17.6	6	5
2434	Wood kitchen cabinets -----	89.2	24.8	64.4	3.0	.9	2.1	89.1	16.6	72.5	13.0	3.3	5	13	
2435	Hardwood veneer and plywood -----	47.0	4.4	42.5	5.4	1.9	3.5	47.0	11.4	35.6	5.0	.5	4.6	9	11
2436	Softwood veneer and plywood -----	118.2	5.8	112.4	7.2	(D)	(D)	98.7	6.6	92.1	58.7	(D)	(D)	5	14
2439	Structural wood members, n.e.c. -----	65.0	12.4	52.7	8.2	2.0	6.2	42.5	5.6	36.9	6.2	.5	5.7	5	23
244	Wood containers -----	60.5	13.0	47.4	13.7	1.2	12.5	66.7	14.4	52.4	11.6	1.3	10.4	9	29
2441	Nailed wood boxes and shooks -----	4.9	1.6	3.2	.5	.1	.4	7.8	2.5	5.3	.9	(Z)	.9	40	35
2448	Wood pallets and skids -----	50.7	10.0	40.7	12.0	1.1	10.9	52.8	10.6	42.2	10.1	1.0	9.1	9	32
2449	Wood containers, n.e.c. -----	4.9	1.4	3.5	1.2	(Z)	1.2	6.1	1.3	4.8	.6	.2	.4	19	57
245	Wood buildings and mobile homes -----	118.3	63.4	54.9	20.1	11.3	8.9	75.3	32.2	43.1	6.9	.5	6.3	5	20
2451	Mobile homes -----	78.4	50.0	28.4	5.4	3.9	1.5	51.1	26.1	25.0	4.0	.4	3.5	4	9
2452	Prefabricated wood buildings -----	39.9	13.4	26.5	14.7	7.4	7.4	24.2	6.1	18.1	2.9	.1	2.8	10	27
249	Miscellaneous wood products -----	298.9	40.1	258.7	26.2	8.1	18.1	266.6	45.5	221.1	22.0	2.3	19.7	7	18
2491	Wood preserving -----	52.8	12.1	40.7	6.5	1.0	5.6	56.2	23.2	32.9	7.4	1.0	6.5	18	58
2493	Reconstituted wood products -----	170.6	12.6	158.0	5.6	1.3	4.3	142.8	10.7	132.1	5.1	.2	4.9	5	8
2499	Wood products, n.e.c. -----	75.5	15.4	60.1	14.1	5.8	8.3	67.7	11.5	56.1	9.4	1.0	8.4	21	19
<b>25</b>	<b>Furniture and fixtures -----</b>	<b>972.5</b>	<b>233.9</b>	<b>738.6</b>	<b>65.9</b>	<b>23.1</b>	<b>42.9</b>	<b>814.2</b>	<b>170.8</b>	<b>643.4</b>	<b>98.2</b>	<b>17.9</b>	<b>80.2</b>	<b>4</b>	<b>7</b>
251	Household furniture -----	401.1	101.2	299.9	42.1	15.2	26.9	353.6	91.1	262.6	60.9	6.9	54.0	3	7
2511	Wood household furniture -----	237.5	57.6	180.0	23.5	7.9	15.6	197.4	48.4	148.9	40.3	1.8	38.5	5	10
2512	Upholstered household furniture -----	70.2	27.1	43.2	4.5	1.2	3.4	73.6	26.8	46.8	11.2	2.9	8.3	3	8
2514	Metal household furniture -----	34.8	8.6	26.2	3.7	1.8	1.9	36.8	6.6	30.2	2.5	.9	1.6	4	2
2515	Mattresses and bedsprings -----	38.6	6.3	32.3	4.1	1.5	2.6	31.2	5.5	25.7	6.2	1.1	5.1	15	38
2517	Wood television and radio cabinets -----	5.8	(D)	(D)	6.2	(D)	(D)	3.9	(D)	(D)	.4	(D)	(D)	1	1
2519	Household furniture, n.e.c. -----	14.2	(D)	(D)	(Z)	(D)	(D)	10.8	(D)	(D)	.4	(D)	(D)	23	(X)
252	Office furniture -----	235.2	49.4	185.8	9.8	4.2	5.6	201.5	22.1	179.4	6.1	2.0	4.1	3	2
2521	Wood office furniture -----	46.5	9.0	37.4	7.7	3.9	3.8	37.4	7.1	30.3	1.8	.6	1.3	13	2
2522	Office furniture, except wood -----	188.7	40.4	148.4	2.1	.2	1.9	164.1	15.0	149.1	4.3	1.4	2.9	2	4
253	Public building and related furniture -----	105.4	21.9	83.4	2.0	(D)	(D)	69.0	15.2	53.8	9.3	(D)	(D)	10	2
2531	Public building and related furniture -----	105.4	21.9	83.4	2.0	(D)	(D)	69.0	15.2	53.8	9.3	(D)	(D)	10	2
254	Partitions and fixtures -----	144.8	44.2	100.6	6.3	1.0	5.3	114.9	24.0	90.8	12.8	3.2	9.6	16	45
2541	Wood partitions and fixtures -----	71.5	30.5	41.0	3.9	.3	3.6	48.5	12.5	36.0	4.9	1.2	3.8	30	72
2542	Partitions and fixtures, except wood -----	73.3	13.8	59.5	2.4	.6	1.7	66.3	11.5	54.8	7.9	2.0	5.9	11	13
259	Miscellaneous furniture and fixtures -----	86.1	17.1	68.9	5.7	(D)	(D)	75.2	18.3	56.9	9.0	(D)	(D)	15	34
2591	Drapery hardware and blinds and shades -----	21.9	5.0	16.9	2.2	(Z)	2.2	27.6	9.9	17.7	3.4	.6	2.8	15	43
2599	Furniture and fixtures, n.e.c. -----	64.1	12.1	52.0	3.5	(D)	(D)	47.6	8.4	39.2	5.6	(D)	(D)	19	47

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993						1992						Standard error of estimate <sup>1</sup> (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L		
<b>26</b>	<b>Paper and allied products</b> .....	<b>7 363.8</b>	<b>873.3</b>	<b>6 490.5</b>	<b>316.6</b>	<b>49.2</b>	<b>267.4</b>	<b>7 950.4</b>	<b>781.3</b>	<b>7 169.2</b>	<b>599.2</b>	<b>74.3</b>	<b>524.9</b>	<b>1</b>	<b>8</b>
261	Pulp mills.....	426.0	60.3	365.7	(D)	(D)	(D)	772.3	63.4	708.9	(D)	(D)	(D)	2	(X)
2611	Pulp mills.....	426.0	60.3	365.7	(D)	(D)	(D)	772.3	63.4	708.9	(D)	(D)	(D)	2	(X)
262	Paper mills.....	2 961.4	331.7	2 629.6	56.8	9.6	47.2	2 911.5	210.7	2 700.9	96.3	6.1	90.2	1	9
2621	Paper mills.....	2 961.4	331.7	2 629.6	56.8	9.6	47.2	2 911.5	210.7	2 700.9	96.3	6.1	90.2	1	9
263	Paperboard mills.....	1 537.5	152.7	1 384.8	(D)	(D)	(D)	2 040.7	254.1	1 786.6	(D)	(D)	(D)	2	(X)
2631	Paperboard mills.....	1 537.5	152.7	1 384.8	(D)	(D)	(D)	2 040.7	254.1	1 786.6	(D)	(D)	(D)	2	(X)
265	Paperboard containers and boxes.....	974.5	131.2	843.2	131.7	12.2	119.4	882.8	98.6	784.1	156.5	19.6	136.9	3	14
2652	Setup paperboard boxes.....	6.6	.4	6.2	1.7	.1	1.6	10.0	1.3	8.7	2.5	.2	2.3	29	78
2653	Corrugated and solid fiber boxes.....	528.8	67.0	461.8	61.7	4.8	56.9	461.0	42.9	418.1	97.2	12.3	85.0	3	10
2655	Fiber cans, drums, and similar products.....	37.7	3.0	34.7	15.3	.1	15.2	46.7	9.4	37.2	5.4	.2	5.1	9	72
2656	Sanitary food containers.....	68.4	13.9	54.4	3.6	1.5	2.2	69.3	4.1	65.2	15.9	4.3	11.6	2	2
2657	Folding paperboard boxes.....	332.9	46.9	285.9	49.3	5.7	43.6	295.7	40.9	254.9	35.4	2.5	32.9	8	25
267	Miscellaneous converted paper products.....	1 464.5	197.3	1 267.1	112.6	25.4	87.1	1 343.2	154.5	1 188.7	127.7	14.2	113.5	2	14
2671	Paper coated and laminated, packaging.....	129.3	10.3	118.9	6.7	4.9	1.9	129.4	18.6	110.8	9.9	.5	9.3	8	5
2672	Paper coated and laminated, n.e.c.....	209.5	25.7	183.8	3.6	.6	3.1	270.1	21.0	249.1	8.4	2.4	6.0	2	14
2673	Bags: plastics, laminated, and coated.....	226.6	28.9	197.7	36.0	9.1	26.9	185.6	26.6	159.1	23.0	3.6	19.4	8	42
2674	Bags: uncoated paper and multiwall.....	31.5	2.9	28.5	3.3	.3	3.0	55.1	4.8	50.3	7.8	.8	7.0	3	25
2675	Die-cut paper and board.....	37.1	4.4	32.7	3.1	(D)	(D)	52.6	11.5	41.1	8.4	(D)	(D)	10	23
2676	Sanitary paper products.....	634.7	94.9	539.9	23.2	7.3	15.9	418.5	35.8	382.8	36.5	3.3	33.2	1	7
2677	Envelopes.....	46.6	3.2	43.4	5.4	.4	5.0	55.3	8.8	46.5	12.0	.8	11.2	8	12
2678	Stationery products.....	26.2	4.1	22.1	16.8	(D)	(D)	28.0	2.8	25.2	6.7	(D)	(D)	8	19
2679	Converted paper products, n.e.c.....	122.9	22.7	100.2	14.4	2.4	12.1	148.5	24.6	123.9	15.2	1.7	13.5	9	20
<b>27</b>	<b>Printing and publishing</b> .....	<b>4 873.6</b>	<b>787.4</b>	<b>4 086.2</b>	<b>422.2</b>	<b>96.9</b>	<b>325.3</b>	<b>5 378.8</b>	<b>903.6</b>	<b>4 475.3</b>	<b>529.5</b>	<b>98.2</b>	<b>431.3</b>	<b>2</b>	<b>6</b>
271	Newspapers.....	1 262.6	313.3	949.3	72.9	24.5	48.5	1 667.4	399.5	1 267.9	71.1	19.8	51.4	3	5
2711	Newspapers.....	1 262.6	313.3	949.3	72.9	24.5	48.5	1 667.4	399.5	1 267.9	71.1	19.8	51.4	3	5
272	Periodicals.....	290.7	63.4	227.3	7.5	3.5	4.0	234.4	38.9	195.5	20.6	9.6	11.0	4	14
2721	Periodicals.....	290.7	63.4	227.3	7.5	3.5	4.0	234.4	38.9	195.5	20.6	9.6	11.0	4	14
273	Books.....	455.8	83.2	372.6	42.7	9.4	33.3	524.9	95.6	429.3	34.4	10.7	23.7	4	9
2731	Book publishing.....	282.0	60.2	221.7	11.6	7.9	3.8	326.7	77.0	249.7	9.6	3.5	6.1	5	9
2732	Book printing.....	173.8	23.0	150.9	31.0	1.6	29.5	198.2	18.6	179.6	24.8	7.2	17.6	5	12
274	Miscellaneous publishing.....	138.6	21.2	117.5	14.1	1.0	13.1	190.4	51.3	139.1	10.5	2.3	8.2	5	6
2741	Miscellaneous publishing.....	138.6	21.2	117.5	14.1	1.0	13.1	190.4	51.3	139.1	10.5	2.3	8.2	5	6
275	Commercial printing.....	2 238.2	250.2	1 988.0	241.5	51.3	190.2	2 144.3	259.5	1 884.8	319.6	42.5	277.1	3	9
2752	Commercial printing, lithographic.....	1 682.2	151.7	1 530.5	207.6	40.2	167.4	1 629.4	166.6	1 462.8	264.8	32.7	232.1	4	10
2754	Commercial printing, gravure.....	176.2	17.8	158.4	6.5	2.1	4.4	170.4	18.6	151.8	7.7	.1	7.6	3	16
2759	Commercial printing, n.e.c.....	379.7	80.7	299.1	27.4	9.0	18.4	344.5	74.3	270.1	47.1	9.7	37.4	9	10
276	Manifold business forms.....	144.7	15.8	128.8	25.3	2.3	23.0	160.7	11.9	148.8	33.3	5.0	28.3	7	10
2761	Manifold business forms.....	144.7	15.8	128.8	25.3	2.3	23.0	160.7	11.9	148.8	33.3	5.0	28.3	7	10
277	Greeting cards.....	53.8	3.7	50.1	1.6	1.0	.6	85.7	9.9	75.9	1.7	1.0	.7	5	14
2771	Greeting cards.....	53.8	3.7	50.1	1.6	1.0	.6	85.7	9.9	75.9	1.7	1.0	.7	5	14
278	Blankbooks and bookbinding.....	111.8	16.6	95.2	5.3	1.1	4.2	143.8	19.5	124.3	17.5	3.0	14.5	6	19
2782	Blankbooks and looseleaf binders.....	86.8	13.5	73.3	1.7	.3	1.4	102.0	13.7	88.4	7.7	1.8	5.9	7	7
2789	Bookbinding and related work.....	24.9	3.1	21.8	3.6	.8	2.8	41.8	5.8	36.0	9.8	1.2	8.6	16	27
279	Printing trade services.....	177.5	20.0	157.5	11.3	2.7	8.6	227.2	17.5	209.7	20.7	4.3	16.4	6	20
2791	Typesetting.....	48.9	5.1	43.7	4.3	.5	3.8	60.9	4.7	56.1	6.1	1.8	4.4	10	46
2796	Platemaking services.....	128.6	14.9	113.8	7.0	2.2	4.8	166.3	12.8	153.5	14.6	2.6	12.0	7	15
<b>28</b>	<b>Chemicals and allied products</b> .....	<b>15 679.0</b>	<b>2 751.3</b>	<b>12 927.7</b>	<b>505.2</b>	<b>244.0</b>	<b>261.2</b>	<b>16 384.1</b>	<b>2 609.7</b>	<b>13 774.5</b>	<b>695.2</b>	<b>160.7</b>	<b>534.3</b>	<b>1</b>	<b>5</b>
281	Industrial inorganic chemicals.....	1 179.1	144.7	1 034.4	20.5	8.5	11.9	1 553.8	200.7	1 353.1	30.2	5.3	24.9	2	10
2812	Alkalies and chlorine.....	181.5	8.6	172.8	1.0	(Z)	1.0	176.2	9.1	167.1	1.0	.1	.9	1	1
2813	Industrial gases.....	163.7	3.0	160.6	(D)	(D)	(D)	146.3	6.8	139.5	(D)	(D)	(D)	1	(X)
2816	Inorganic pigments.....	149.1	20.3	128.8	(D)	(D)	(D)	508.9	101.6	407.3	(D)	(D)	(D)	1	(X)
2819	Industrial inorganic chemicals, n.e.c.....	684.9	112.7	572.2	16.1	8.0	8.1	722.5	83.4	639.2	16.6	3.7	12.9	4	13
282	Plastics materials and synthetics.....	3 305.8	341.6	2 964.2	(D)	(D)	(D)	2 839.7	254.4	2 585.3	(D)	(D)	(D)	2	(X)
2821	Plastics materials and resins.....	1 925.4	202.5	1 722.9	(D)	(D)	(D)	1 707.3	144.4	1 562.9	(D)	(D)	(D)	3	(X)
2822	Synthetic rubber.....	251.5	31.1	220.5	.6	.1	.5	318.2	28.0	290.2	.5	.1	.5	1	1
2823	Cellulosic manmade fibers.....	207.5	(D)	(D)	(D)	5.4	(D)	92.8	(D)	(D)	(D)	(D)	(D)	1	(X)
2824	Organic fibers, noncellulosic.....	921.4	(D)	(D)	(D)	(D)	(D)	721.3	(D)	(D)	(D)	(D)	(D)	2	(X)
283	Drugs.....	4 043.2	1 288.9	2 754.4	173.0	158.7	14.4	3 822.0	1 199.9	2 682.2	199.6	74.9	124.7	1	1
2833	Medicinals and botanicals.....	482.4	67.8	414.6	(D)	(D)	(D)	550.5	67.7	482.7	(D)	(D)	(D)	1	(X)
2834	Pharmaceutical preparations.....	2 489.3	901.0	1 588.3	128.6	125.2	3.5	2 450.0	843.3	1 606.7	119.7	47.1	72.6	1	1
2835	Diagnostic substances.....	666.5	168.9	497.6	10.4	7.4	3.0	587.3	135.0	452.3	16.2	5.9	10.3	2	14
2836	Biological products, except diagnostic.....	405.1	151.2	253.9	(D)	(D)	(D)	294.3	153.9	140.4	(D)	(D)	(D)	1	(X)
284	Soaps, cleaners, and toilet goods.....	1 320.2	257.6	1 062.6	43.5	20.5	23.0	1 292.5	298.1	994.5	61.9	16.4	45.5	3	20
2841	Soap and other detergents.....	513.8	101.3	412.4	25.4	(D)	(D)	571.1	101.3	470.1	15.2	(D)	(D)	5	34
2842	Polishes and sanitation goods.....	130.4	25.6	104.8	10.7	.5	10.2	121.5	28.8	92.7	11.4	3.6	7.7	7	8
2843	Surface active agents.....	203.4	15.0	188.4	.8	(D)	(D)	92.4	13.8	78.5	11.0	(D)	(D)	5	6
2844	Toilet preparations.....	472.6	115.7	357.0	6.6	5.0	1.6	507.3	154.2	353.1	24.4	8.6	15.8	6	10
285	Paints and allied products.....	256.3	62.9	193.4	10.5	3.9	6.6	290.2	68.2	222.0	34.7	9.7	25.1	5	8
2851	Paints and allied products.....	256.3	62.9	193.4	10.5	3.9	6.6	290.2	68.2	222.0	34.7	9.7	25.1	5	8

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993						1992						Standard error of estimate <sup>1</sup> (percent) for column—			
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)						
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment				
		A	B	C	D	E	F	G	H	I	J	K	L			A	D
<b>28</b>	<b>Chemicals and allied products—Con.</b>																
286	Industrial organic chemicals .....	4 063.1	373.1	3 690.1	(D)	(D)	(D)	4 800.1	383.8	4 416.3	(D)	(D)	(D)	1	(X)		
2861	Gum and wood chemicals.....	33.4	2.8	30.6	(D)	.1	(D)	42.8	3.8	39.0	(D)	—	(D)	10	(X)		
2865	Cyclic crudes and intermediates .....	669.5	67.1	602.3	1.4	.7	.7	540.7	56.6	484.1	19.9	5.9	14.0	2	41		
2869	Industrial organic chemicals, n.e.c. ....	3 360.3	303.2	3 057.1	79.0	(D)	(D)	4 216.6	323.3	3 893.2	76.5	(D)	(D)	1	3		
287	Agricultural chemicals .....	725.9	76.2	649.6	19.1	11.4	7.7	988.6	84.7	903.9	65.6	1.4	64.2	2	2		
2873	Nitrogenous fertilizers.....	186.0	8.9	177.1	(D)	(D)	(D)	208.8	8.8	200.0	(D)	(D)	(D)	3	(X)		
2874	Phosphatic fertilizers.....	149.9	25.2	124.7	(D)	(D)	(D)	307.7	5.0	302.7	(D)	(D)	(D)	5	(X)		
2875	Fertilizers, mixing only .....	33.9	7.6	26.2	1.0	.2	.8	43.7	11.6	32.1	2.4	.4	2.1	6	24		
2879	Agricultural chemicals, n.e.c. ....	356.1	34.5	321.6	13.2	10.3	2.9	428.4	59.3	369.1	3.7	.3	3.4	2	1		
289	Miscellaneous chemical products ..	785.2	206.3	578.9	60.7	17.7	42.9	737.1	119.9	617.2	46.4	8.6	37.7	4	31		
2891	Adhesives and sealants.....	187.0	54.6	132.4	5.4	.5	4.8	189.6	43.1	146.5	8.9	2.4	6.4	5	11		
2892	Explosives .....	49.1	10.7	38.4	4.6	1.0	3.6	31.7	7.8	23.9	5.4	2.7	2.7	21	10		
2893	Printing ink .....	55.8	(D)	(D)	1.3	.5	.7	46.0	(D)	(D)	2.2	.8	1.4	19	20		
2895	Carbon black .....	33.3	(D)	(D)	2.1	.2	1.9	28.7	(D)	(D)	—	—	—	9	69		
2899	Chemical preparations, n.e.c. ....	460.0	122.5	337.4	47.3	15.5	31.8	441.1	58.8	382.4	29.9	2.7	27.2	5	40		
<b>29</b>	<b>Petroleum and coal products .....</b>	<b>6 303.9</b>	<b>800.3</b>	<b>5 503.6</b>	<b>132.1</b>	<b>34.0</b>	<b>98.1</b>	<b>6 539.0</b>	<b>571.5</b>	<b>5 967.6</b>	<b>158.4</b>	<b>41.2</b>	<b>117.2</b>	<b>1</b>	<b>2</b>		
291	Petroleum refining.....	5 985.8	764.8	5 220.9	104.2	27.5	76.7	6 139.7	505.0	5 634.7	117.4	34.1	83.3	1	1		
2911	Petroleum refining.....	5 985.8	764.8	5 220.9	104.2	27.5	76.7	6 139.7	505.0	5 634.7	117.4	34.1	83.3	1	1		
295	Asphalt paving and roofing materials .....	204.1	19.6	184.5	21.9	4.3	17.6	180.5	20.4	160.1	32.2	4.5	27.7	17	12		
2951	Asphalt paving mixtures and blocks .....	130.5	11.6	118.8	18.2	2.9	15.3	111.4	11.2	100.2	22.3	2.7	19.6	26	14		
2952	Asphalt felts and coatings.....	73.6	8.0	65.7	3.7	1.4	2.3	69.1	9.2	59.9	9.9	1.8	8.1	6	2		
299	Miscellaneous petroleum and coal products .....	114.0	15.9	98.1	6.0	2.2	3.7	218.8	46.1	172.8	8.8	2.6	6.2	4	14		
2992	Lubricating oils and greases.....	90.8	13.5	77.3	5.0	(D)	(D)	197.2	43.4	153.8	5.4	(D)	(D)	4	17		
2999	Petroleum and coal products, n.e.c. ....	23.3	2.4	20.8	1.0	(D)	(D)	21.6	2.6	19.0	3.4	(D)	(D)	12	10		
<b>30</b>	<b>Rubber and miscellaneous plastics products .....</b>	<b>4 994.6</b>	<b>704.9</b>	<b>4 289.7</b>	<b>232.2</b>	<b>54.4</b>	<b>177.9</b>	<b>4 790.0</b>	<b>661.3</b>	<b>4 128.7</b>	<b>392.9</b>	<b>59.5</b>	<b>333.4</b>	<b>2</b>	<b>7</b>		
301	Tires and inner tubes .....	489.6	50.4	439.2	11.2	1.0	10.2	506.1	52.2	453.9	30.5	.1	30.4	2	1		
3011	Tires and inner tubes .....	489.6	50.4	439.2	11.2	1.0	10.2	506.1	52.2	453.9	30.5	.1	30.4	2	1		
302	Rubber and plastics footwear.....	13.5	1.6	11.9	.8	.1	.7	12.9	2.3	10.6	2.2	.1	2.2	13	21		
3021	Rubber and plastics footwear.....	13.5	1.6	11.9	.8	.1	.7	12.9	2.3	10.6	2.2	.1	2.2	13	21		
305	Hose and belting and gaskets and packing .....	159.6	29.0	130.6	5.5	(D)	(D)	164.4	23.5	140.9	24.2	(D)	(D)	6	19		
3052	Rubber and plastics hose and belting .....	82.6	11.3	71.3	3.2	(D)	(D)	74.1	8.4	65.6	6.9	(D)	(D)	10	22		
3053	Gaskets, packing, and sealing devices .....	77.0	17.8	59.3	2.2	.6	1.7	90.3	15.1	75.2	17.3	1.3	16.1	7	32		
306	Fabricated rubber products, n.e.c. ..	473.3	81.5	391.8	15.5	(D)	(D)	358.3	51.9	306.4	31.6	(D)	(D)	8	19		
3061	Mechanical rubber goods .....	252.0	46.3	205.7	8.8	(D)	(D)	154.0	22.6	131.4	12.3	(D)	(D)	13	31		
3069	Fabricated rubber products, n.e.c. ....	221.3	35.2	186.1	6.7	.6	6.1	204.2	29.3	175.0	19.3	3.6	15.7	10	14		
308	Miscellaneous plastics products, n.e.c. ....	3 858.5	542.3	3 316.1	199.2	50.8	148.5	3 748.4	531.4	3 217.0	304.4	49.8	254.6	2	8		
3081	Unsupported plastics film and sheet .....	407.0	55.2	351.9	31.8	4.2	27.6	592.3	60.2	532.0	26.8	5.0	21.8	2	3		
3082	Unsupported plastics profile shapes .....	172.3	34.9	137.4	14.7	2.2	12.4	198.4	26.5	171.9	8.3	4.3	4.0	7	68		
3083	Laminated plastics plate, sheet, and profile shapes .....	60.4	7.5	52.9	.4	(Z)	.1	57.7	7.0	50.8	4.3	(Z)	4.3	5	37		
3084	Plastics pipe .....	77.3	16.6	60.7	2.6	.5	2.2	105.2	13.0	92.2	3.3	.3	3.0	18	37		
3085	Plastics bottles.....	364.3	22.0	342.3	14.7	3.7	11.0	263.2	11.8	251.4	20.9	1.3	19.6	7	30		
3086	Plastics foam products.....	392.6	79.5	313.1	28.0	13.9	14.1	368.6	83.2	285.4	17.2	4.7	12.5	4	18		
3087	Custom compounding of purchased plastics resins .....	121.2	22.8	98.4	3.9	(D)	(D)	146.8	24.4	122.3	9.7	(D)	(D)	4	9		
3088	Plastics plumbing fixtures .....	31.1	5.3	25.8	1.5	(D)	(D)	30.9	4.2	26.7	1.4	(D)	(D)	6	40		
3089	Plastics products, n.e.c. ....	2 232.4	298.6	1 933.8	101.7	24.5	77.1	1 985.3	301.1	1 684.2	212.6	30.1	182.5	3	9		
<b>31</b>	<b>Leather and leather products .....</b>	<b>130.8</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>6.1</b>	<b>133.0</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>(D)</b>	<b>15.8</b>	<b>6</b>	<b>(X)</b>		
311	Leather tanning and finishing .....	52.2	5.7	46.6	1.4	(D)	(D)	48.5	8.6	39.9	6.7	(D)	(D)	9	45		
3111	Leather tanning and finishing .....	52.2	5.7	46.6	1.4	(D)	(D)	48.5	8.6	39.9	6.7	(D)	(D)	9	45		
313	Footwear cut stock .....	2.0	.6	1.4	(D)	(D)	(D)	3.3	.5	2.8	(D)	(D)	(D)	41	(X)		
3131	Footwear cut stock .....	2.0	.6	1.4	(D)	(D)	(D)	3.3	.5	2.8	(D)	(D)	(D)	41	(X)		
314	Footwear, except rubber .....	40.3	(D)	(D)	6.5	2.4	4.1	51.2	(D)	(D)	6.4	.4	6.1	5	2		
3142	House slippers .....	2.5	(D)	(D)	.2	—	.2	2.1	(D)	(D)	.7	.1	.6	19	48		
3143	Men's footwear, except athletic ..	26.1	6.3	19.7	5.9	2.4	3.5	32.8	13.2	19.6	1.9	.2	1.8	6	1		
3144	Women's footwear, except athletic .....	6.8	1.2	5.6	.5	—	.5	10.5	2.2	8.3	3.0	.1	2.9	8	1		
3149	Footwear, except rubber, n.e.c. ....	4.9	.6	4.3	—	(D)	(D)	5.8	1.2	4.6	.8	(D)	(D)	14	(X)		
315	Leather gloves and mittens .....	.3	.1	.2	.3	(D)	(D)	.5	—	.4	.1	(D)	(D)	41	79		
3151	Leather gloves and mittens .....	.3	(Z)	.2	.3	(D)	(D)	.5	(Z)	.4	.1	(D)	(D)	41	79		
316	Luggage .....	16.4	3.1	13.3	.2	(Z)	.2	14.5	.9	13.7	.2	—	.2	29	1		
3161	Luggage .....	16.4	3.1	13.3	.2	(Z)	.2	14.5	.9	13.7	.2	(Z)	.2	29	1		
317	Handbags and personal leather goods .....	9.9	4.2	5.7	.3	(D)	(D)	10.2	5.1	5.1	1.4	(D)	(D)	20	45		
3171	Women's handbags and purses .....	4.2	.4	3.8	.2	(D)	(D)	3.4	.9	2.5	1.3	(D)	(D)	10	54		
3172	Personal leather goods, n.e.c. ....	5.7	3.8	1.9	.1	(D)	(D)	6.8	4.1	2.7	.1	(D)	(D)	34	83		

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993						1992						Standard error of estimate <sup>1</sup> (percent) for column—		
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)					
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment			
		A	B	C	D	E	F	G	H	I	J	K	L			A
<b>31</b>	<b>Leather and leather products—Con.</b>															
319	Leather goods, n.e.c. ....	9.7	.2	9.5	.1	—	.1	4.9	.4	4.4	.6	—	.5	35	1	
3199	Leather goods, n.e.c. ....	9.7	.2	9.5	.1	(Z)	.1	4.9	.4	4.4	.6	(Z)	.5	35	1	
<b>32</b>	<b>Stone, clay, and glass products...</b>	<b>2 417.2</b>	<b>340.1</b>	<b>2 077.1</b>	<b>207.2</b>	<b>46.5</b>	<b>160.7</b>	<b>2 454.5</b>	<b>293.4</b>	<b>2 161.2</b>	<b>222.5</b>	<b>22.1</b>	<b>200.4</b>	<b>2</b>	<b>14</b>	
321	Flat glass .....	158.5	4.8	153.7	(D)	(D)	(D)	148.0	14.7	133.4	(D)	(D)	(D)	1	(X)	
3211	Flat glass .....	158.5	4.8	153.7	(D)	(D)	(D)	148.0	14.7	133.4	(D)	(D)	(D)	1	(X)	
322	Glass and glassware, pressed or blown .....	471.1	53.9	417.2	20.4	.9	19.5	576.8	37.9	538.9	9.8	.8	8.9	1	1	
3221	Glass containers .....	218.3	11.9	206.3	19.3	.7	18.5	233.0	9.1	223.9	4.9	.6	4.3	1	1	
3229	Pressed and blown glass, n.e.c. ....	252.8	42.0	210.9	1.2	.2	1.0	343.8	28.9	315.0	4.8	.2	4.6	1	6	
323	Products of purchased glass .....	251.0	56.8	194.2	7.7	.9	6.8	275.3	61.6	213.6	13.4	2.2	11.2	4	34	
3231	Products of purchased glass .....	251.0	56.8	194.2	(D)	(D)	(D)	275.3	61.6	213.6	(D)	(D)	(D)	4	(X)	
324	Cement, hydraulic .....	227.2	24.1	203.1	8.9	3.4	5.6	226.2	20.7	205.6	8.7	.8	7.9	5	16	
3241	Cement, hydraulic .....	227.2	24.1	203.1	8.9	3.4	5.6	226.2	20.7	205.6	8.7	.8	7.9	5	16	
325	Structural clay products .....	138.7	23.2	115.5	5.1	.4	4.7	121.8	15.2	106.5	10.0	.9	9.1	11	13	
3251	Brick and structural clay tile .....	56.1	8.3	47.7	3.2	.3	2.9	42.9	3.6	39.3	4.8	.4	4.5	8	17	
3253	Ceramic wall and floor tile .....	68.0	12.9	55.0	1.2	.1	1.1	48.9	8.4	40.5	.8	.3	.5	19	8	
3255	Clay refractories .....	7.2	.8	6.4	.6	(Z)	.6	24.6	2.6	21.9	4.2	.1	4.0	6	64	
3259	Structural clay products, n.e.c. ....	7.5	1.2	6.3	.2	(Z)	.1	5.4	.5	4.9	.2	(Z)	.2	54	38	
326	Pottery and related products .....	111.1	22.3	88.8	14.1	2.8	11.3	84.7	12.6	72.0	5.8	.7	5.0	21	15	
3261	Vitreous plumbing fixtures .....	12.8	1.3	11.5	2.5	.7	1.8	14.3	2.8	11.6	.1	—	.1	20	18	
3262	Vitreous china table and kitchenware .....	31.4	5.1	26.3	8.6	1.2	7.3	15.8	1.5	14.4	1.3	.3	1.0	70	23	
3263	Semivitreous table and kitchenware .....	1.4	.1	1.3	(Z)	(Z)	(Z)	1.5	.2	1.3	(Z)	—	(Z)	1	(X)	
3264	Porcelain electrical supplies .....	41.5	9.2	32.3	1.2	.2	1.0	31.0	2.8	28.2	2.8	.2	2.6	5	15	
3269	Pottery products, n.e.c. ....	24.1	6.7	17.4	1.9	(Z)	1.2	21.9	5.3	16.6	1.6	(Z)	1.4	16	33	
327	Concrete, gypsum, and plaster products .....	620.2	80.9	539.3	130.4	30.2	100.2	633.9	77.0	556.8	140.6	11.1	129.6	4	21	
3271	Concrete block and brick .....	50.5	8.7	41.8	4.3	.9	3.5	57.3	9.0	48.3	10.1	.7	9.4	16	15	
3272	Concrete products, n.e.c. ....	164.3	25.4	138.9	20.2	6.5	13.7	171.9	26.2	145.6	34.0	3.9	30.1	9	24	
3273	Ready-mixed concrete .....	330.1	37.8	292.4	74.3	16.0	58.3	330.3	34.7	278.3	90.0	6.1	83.9	6	11	
3274	Lime .....	35.5	5.0	30.5	29.9	6.7	23.2	47.9	4.0	44.0	5.0	.2	4.8	13	85	
3275	Gypsum products .....	39.8	4.1	35.7	1.7	.1	1.5	43.8	3.1	40.6	1.6	.2	1.4	2	1	
328	Cut stone and stone products .....	19.8	3.9	15.9	1.8	.4	1.4	36.9	6.7	30.2	6.5	.1	6.4	13	14	
3281	Cut stone and stone products .....	19.8	3.9	15.9	1.8	.4	1.4	36.9	6.7	30.2	6.5	.1	6.4	13	14	
329	Miscellaneous nonmetallic mineral products .....	419.5	70.3	349.2	(D)	(D)	(D)	351.1	46.9	304.1	(D)	(D)	(D)	3	(X)	
3291	Abrasive products .....	156.5	22.6	133.9	9.1	(D)	(D)	121.5	9.1	112.4	6.3	(D)	(D)	4	57	
3292	Asbestos products .....	(S)	(S)	(S)	(S)	(S)	(S)	2.1	(D)	(D)	(D)	(D)	(D)	1	(X)	
3295	Minerals, ground or treated .....	64.7	6.1	58.7	4.8	.7	4.0	47.1	5.8	41.3	6.0	1.3	4.7	8	13	
3296	Mineral wool .....	100.5	20.5	80.0	.8	.1	.7	115.1	20.4	94.7	3.3	.1	3.2	1	1	
3297	Nonclay refractories .....	62.5	16.4	46.1	2.8	1.0	1.8	44.9	8.1	36.8	3.3	.3	2.9	13	40	
3299	Nonmetallic mineral products, n.e.c. ....	35.2	(D)	(D)	(D)	(D)	(D)	20.4	(D)	(D)	(D)	(D)	(D)	11	(X)	
<b>33</b>	<b>Primary metal industries.....</b>	<b>4 726.4</b>	<b>535.4</b>	<b>4 191.0</b>	<b>298.5</b>	<b>49.7</b>	<b>248.8</b>	<b>5 344.9</b>	<b>647.9</b>	<b>4 697.0</b>	<b>311.6</b>	<b>45.5</b>	<b>266.0</b>	<b>1</b>	<b>3</b>	
331	Blast furnace and basic steel products .....	2 167.5	134.5	2 033.0	151.6	23.1	128.6	2 601.8	190.6	2 411.2	88.4	16.9	71.5	1	2	
3312	Blast furnaces and steel mills .....	1 755.6	92.6	1 662.9	35.9	2.7	33.2	2 210.5	131.9	2 078.6	54.8	9.3	45.4	1	1	
3313	Electrometallurgical products .....	23.9	1.1	22.8	(D)	(D)	(D)	36.9	5.8	31.1	3.2	.1	3.1	2	(X)	
3315	Steel wire and related products .....	119.9	12.0	107.9	10.2	1.0	9.3	124.5	23.8	100.7	13.5	2.5	11.0	8	26	
3316	Cold finishing of steel shapes .....	154.6	12.5	142.1	(D)	(D)	(D)	115.6	11.1	104.5	5.4	.5	4.9	9	(X)	
3317	Steel pipe and tubes .....	113.5	16.3	97.1	90.6	18.5	72.1	114.3	17.9	96.4	11.7	4.6	7.1	2	1	
332	Iron and steel foundries .....	516.5	64.3	452.2	(D)	(D)	(D)	467.7	61.7	406.1	(D)	(D)	(D)	5	(X)	
3321	Gray and ductile iron foundries .....	395.7	51.7	344.1	17.8	3.2	14.6	339.3	31.7	307.7	23.8	2.3	21.5	4	17	
3322	Malleable iron foundries .....	4.1	1.0	3.1	(D)	(D)	(D)	3.8	.2	3.7	(D)	(D)	(D)	20	(X)	
3324	Steel investment foundries .....	46.1	5.1	41.0	3.9	1.8	2.0	52.8	8.7	44.1	2.9	.3	2.7	4	22	
3325	Steel foundries, n.e.c. ....	70.6	6.6	64.0	5.6	1.1	4.5	71.7	21.1	50.6	11.1	1.1	10.0	24	15	
333	Primary nonferrous metals .....	592.3	131.1	461.2	(D)	(D)	(D)	556.9	108.4	448.5	(D)	(D)	(D)	1	(X)	
3331	Primary copper .....	312.8	95.7	217.2	(D)	(D)	(D)	195.5	53.8	141.7	(D)	(D)	(D)	1	(X)	
3334	Primary aluminum .....	167.8	19.4	148.4	(D)	(D)	(D)	215.0	31.2	183.9	(D)	(D)	(D)	1	(X)	
3339	Primary nonferrous metals, n.e.c. ....	111.7	16.1	95.6	2.9	1.0	1.9	146.3	23.4	122.9	4.0	.9	3.2	1	14	
334	Secondary nonferrous metals .....	110.5	27.0	83.5	2.7	.6	2.1	154.5	61.2	93.3	6.5	2.0	4.5	7	21	
3341	Secondary nonferrous metals .....	110.5	27.0	83.5	2.7	.6	2.1	154.5	61.2	93.3	6.5	2.0	4.5	7	21	
335	Nonferrous rolling and drawing .....	907.8	111.2	796.6	63.9	11.1	52.8	1 165.8	153.1	1 012.7	122.0	17.1	104.8	2	3	
3351	Copper rolling and drawing .....	127.3	10.5	116.8	(D)	(D)	(D)	126.8	15.0	111.7	(D)	(D)	(D)	9	(X)	
3353	Aluminum sheet, plate, and foil .....	241.4	32.1	209.3	(D)	(D)	(D)	418.3	46.0	372.3	(D)	(D)	(D)	2	(X)	
3354	Aluminum extruded products .....	107.1	19.2	88.0	7.3	4.4	2.9	150.0	27.3	122.7	8.1	.7	7.3	8	4	
3355	Aluminum rolling and drawing, n.e.c. ....	8.2	1.0	7.2	(D)	(D)	(D)	14.7	1.7	13.0	.7	.1	.6	3	(X)	
3356	Nonferrous rolling and drawing, n.e.c. ....	93.6	10.0	83.5	21.5	4.4	17.1	91.8	11.1	80.7	5.4	3.0	2.4	2	1	
3357	Nonferrous wire drawing and insulating .....	330.2	38.4	291.8	26.8	2.1	24.7	364.2	52.0	312.2	45.9	2.8	43.1	2	7	
336	Nonferrous foundries (castings) .....	283.7	45.7	238.0	24.1	3.9	20.1	252.3	51.3	201.0	25.0	2.4	22.6	5	9	
3363	Aluminum die-castings .....	131.7	15.6	116.1	13.8	3.1	10.6	122.5	28.4	94.2	11.5	.8	10.8	4	13	
3364	Nonferrous die-castings, except aluminum .....	44.5	9.7	34.9	5.3	.2	5.1	33.5	5.8	27.8	3.0	.3	2.7	16	15	
3365	Aluminum foundries .....	89.3	17.9	71.4	2.5	.4	2.0	65.6	12.5	53.1	6.3	.5	5.8	8	21	
3366	Copper foundries .....	15.8	2.2	13.6	1.2	.1	1.1	19.8	3.2	16.6	3.8	.8	3.0	28	42	
3369	Nonferrous foundries, n.e.c. ....	2.4	.4	2.0	1.3	(Z)	1.3	10.8	1.4	9.4	.4	.1	.3	16	7	

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993						1992						Standard error of estimate <sup>1</sup> (percent) for column—		
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)					
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment			
		A	B	C	D	E	F	G	H	I	J	K	L			A
<b>33</b>	<b>Primary metal industries—Con.</b>															
339	Miscellaneous primary metal products	148.2	21.6	126.6	18.8	3.7	15.1	145.8	21.7	124.1	16.9	1.6	15.3	8	30	
3398	Metal heat treating	77.3	5.6	71.7	13.8	3.0	10.8	66.9	8.3	58.6	10.2	1.0	9.2	13	38	
3399	Primary metal products, n.e.c.	70.8	15.9	54.9	5.0	.7	4.3	78.9	13.4	65.5	6.7	.6	6.1	8	42	
<b>34</b>	<b>Fabricated metal products</b>	<b>4 912.6</b>	<b>674.9</b>	<b>4 237.7</b>	<b>595.8</b>	<b>154.2</b>	<b>441.5</b>	<b>4 452.1</b>	<b>623.4</b>	<b>3 828.7</b>	<b>592.6</b>	<b>107.3</b>	<b>485.3</b>	<b>2</b>	<b>7</b>	
341	Metal cans and shipping containers	487.7	23.1	464.6	20.4	4.6	15.8	372.6	14.7	357.9	25.0	2.8	22.2	7	10	
3411	Metal cans	455.2	19.9	435.3	17.4	3.2	14.2	350.6	13.1	337.4	19.7	2.1	17.6	7	5	
3412	Metal barrels, drums, and pails	32.5	3.2	29.3	3.0	1.4	1.6	22.0	1.6	20.4	5.2	.7	4.6	36	59	
342	Cutlery, handtools, and hardware	479.3	69.4	409.9	73.1	(D)	(D)	467.2	64.2	403.0	41.9	(D)	(D)	5	50	
3421	Cutlery	53.3	7.3	46.0	.2	(D)	(D)	56.2	7.5	48.7	1.9	(D)	(D)	8	20	
3423	Hand and edge tools, n.e.c.	106.6	16.0	90.7	57.5	1.7	55.8	123.4	13.7	109.7	11.5	2.9	8.6	7	63	
3425	Saw blades and handsaws	33.2	4.3	28.9	3.1	(D)	(D)	34.2	1.8	32.4	1.9	(D)	(D)	20	77	
3429	Hardware, n.e.c.	286.2	41.9	244.3	12.3	4.0	8.3	253.3	41.1	212.2	26.7	7.3	19.4	7	9	
343	Plumbing and heating, except electric	142.8	28.8	114.0	14.3	5.5	8.7	129.8	16.5	113.4	12.0	1.7	10.3	9	24	
3431	Metal sanitary ware	21.1	1.0	20.1	.8	.1	.7	18.3	1.5	16.9	1.0	.1	.9	19	1	
3432	Plumbing fixture fittings and trim	73.5	17.9	55.5	8.0	4.8	3.2	74.2	6.9	67.2	4.7	1.2	3.5	10	40	
3433	Heating equipment, except electric	48.2	9.9	38.4	5.5	.6	4.8	37.3	8.0	29.3	6.3	.4	5.9	21	19	
344	Fabricated structural metal products	763.3	154.9	608.4	111.6	27.7	83.9	795.9	149.5	646.4	134.8	31.4	103.4	4	7	
3441	Fabricated structural metal	130.2	40.9	89.3	25.5	3.3	22.2	132.2	32.6	99.6	25.4	3.7	21.6	8	12	
3442	Metal doors, sash, and trim	104.1	15.7	88.3	10.2	2.5	7.7	108.7	20.2	88.5	15.3	8.3	7.0	6	22	
3443	Fabricated plate work (boiler shops)	146.5	30.4	116.0	18.9	5.7	13.2	207.8	44.1	163.6	27.9	7.1	20.9	9	15	
3444	Sheet metal work	250.9	32.4	218.6	32.5	8.4	24.1	224.5	30.3	194.3	43.2	7.0	36.2	8	12	
3446	Architectural metal work	31.3	7.3	23.9	7.9	2.2	5.8	34.0	3.2	30.8	12.1	2.2	9.9	11	22	
3448	Prefabricated metal buildings	34.0	8.4	25.6	7.1	3.4	3.7	28.8	7.3	21.4	4.4	1.6	2.8	9	39	
3449	Miscellaneous metal work	66.4	19.7	46.6	9.5	2.3	7.3	60.0	11.8	48.2	6.5	1.5	5.0	8	16	
345	Screw machine products, bolts, etc.	314.9	41.0	273.9	55.6	12.9	42.7	286.0	42.4	243.6	73.2	9.0	64.2	7	10	
3451	Screw machine products	152.2	21.4	130.8	31.1	8.3	22.8	135.1	20.6	114.5	27.7	3.6	24.0	10	16	
3452	Bolts, nuts, rivets, and washers	162.7	19.6	143.1	24.5	4.6	19.9	150.9	21.8	129.1	45.5	5.4	40.1	9	9	
346	Metal forgings and stampings	1 313.0	117.2	1 195.8	118.6	(D)	(D)	1 003.8	111.4	892.3	128.0	(D)	(D)	3	12	
3462	Iron and steel forgings	135.5	20.8	114.6	24.6	(D)	(D)	114.4	14.1	100.4	24.4	(D)	(D)	15	18	
3463	Nonferrous forgings	42.5	4.6	37.9	.9	(D)	(D)	53.0	8.8	44.2	10.3	(D)	(D)	4	20	
3465	Automotive stampings	843.6	49.4	794.2	41.8	6.1	35.6	519.9	42.1	477.8	41.1	5.9	35.1	3	18	
3466	Crowns and closures	22.6	.5	22.1	3.3	.2	3.1	18.4	.8	17.5	2.2	.1	2.1	8	1	
3469	Metal stampings, n.e.c.	268.8	41.9	226.9	48.0	20.2	27.8	298.1	45.6	252.5	50.0	8.6	41.5	5	22	
347	Metal services, n.e.c.	360.2	77.7	282.5	39.5	21.2	18.3	367.1	62.8	304.4	41.0	8.2	32.8	8	20	
3471	Plating and polishing	188.2	43.1	145.1	34.8	18.5	16.4	207.9	32.0	175.8	24.5	6.2	18.4	12	22	
3479	Metal coating and allied services	172.0	34.6	137.4	4.7	2.7	2.0	159.3	30.7	128.6	16.5	2.1	14.4	11	16	
348	Ordnance and accessories, n.e.c.	179.0	32.0	146.9	5.7	.3	5.4	117.9	19.2	98.7	10.1	3.8	6.3	8	46	
3482	Small arms ammunition	31.8	6.5	25.3	1.0	(Z)	1.0	31.4	6.4	25.0	.9	.1	.8	4	68	
3483	Ammunition, except for small arms, n.e.c.	28.1	4.0	24.1	(D)	(D)	(D)	35.2	3.9	31.4	(D)	(D)	(D)	1	(X)	
3484	Small arms	93.6	15.8	77.8	2.9	(Z)	2.8	32.0	3.1	28.9	4.3	.1	4.2	3	86	
3489	Ordnance and accessories, n.e.c.	25.5	5.7	19.8	(D)	(D)	(D)	19.4	5.8	13.5	(D)	(D)	(D)	53	(X)	
349	Miscellaneous fabricated metal products	872.4	130.7	741.6	157.0	41.9	115.1	911.8	142.8	769.0	126.8	17.9	108.9	4	4	
3491	Industrial valves	202.8	19.9	182.9	80.0	21.0	59.1	212.7	30.7	182.0	24.0	2.4	21.5	11	1	
3492	Fluid power valves and hose fittings	117.1	15.2	101.9	3.1	1.2	2.0	114.0	18.2	95.9	13.8	.5	13.3	8	16	
3493	Steel springs, except wire	8.1	.1	8.1	2.1	1.0	1.0	17.5	2.1	15.4	1.6	.3	1.3	44	19	
3494	Valves and pipe fittings, n.e.c.	54.5	9.3	45.2	5.3	.4	4.9	45.3	7.9	37.4	6.2	.3	5.9	8	7	
3495	Wire springs	62.7	11.4	51.3	9.7	1.0	8.6	61.5	7.7	53.8	7.0	.7	6.4	19	43	
3496	Miscellaneous fabricated wire products	77.5	14.3	63.3	15.7	6.2	9.5	102.9	22.0	80.9	16.4	2.6	13.8	9	14	
3497	Metal foil and leaf	97.1	13.0	84.1	.3	(Z)	.3	90.6	7.4	83.2	5.1	.6	4.5	5	26	
3498	Fabricated pipe and fittings	70.8	10.7	60.1	18.3	3.8	14.5	59.3	11.7	47.5	16.8	4.3	12.5	9	14	
3499	Fabricated metal products, n.e.c.	181.8	37.0	144.9	22.5	7.3	15.2	208.0	35.1	172.9	36.0	6.3	29.6	7	10	
<b>35</b>	<b>Industrial machinery and equipment</b>	<b>7 930.6</b>	<b>1 204.3</b>	<b>6 726.2</b>	<b>627.4</b>	<b>177.1</b>	<b>450.3</b>	<b>8 063.5</b>	<b>1 125.1</b>	<b>6 938.4</b>	<b>751.2</b>	<b>148.3</b>	<b>602.9</b>	<b>2</b>	<b>4</b>	
351	Engines and turbines	692.5	63.2	629.2	21.9	(D)	(D)	773.1	108.0	665.1	31.2	(D)	(D)	1	1	
3511	Turbines and turbine generator sets	310.1	39.4	270.7	9.1	(D)	(D)	312.0	50.0	262.0	17.9	(D)	(D)	1	1	
3519	Internal combustion engines, n.e.c.	382.3	23.9	358.5	12.7	2.0	10.7	461.1	58.0	403.1	13.3	1.7	11.6	1	2	
352	Farm and garden machinery	320.7	45.5	275.2	51.3	6.8	44.5	321.3	41.9	279.4	31.5	5.1	26.4	3	5	
3523	Farm machinery and equipment	228.6	30.7	197.9	31.6	2.8	28.8	196.2	28.6	167.6	16.7	5.0	11.7	3	7	
3524	Lawn and garden equipment	92.1	14.8	77.3	19.7	4.0	15.8	125.1	13.3	111.8	14.7	.1	14.7	1	8	

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993						1992						Standard error of estimate <sup>1</sup> (percent) for column—		
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)					
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment			
		A	B	C	D	E	F	G	H	I	J	K	L			A
<b>35</b>	<b>Industrial machinery and equipment—Con.</b>															
353	Construction and related machinery -----	661.0	115.0	546.0	46.5	9.0	37.5	706.7	106.0	600.8	60.5	7.4	53.0	5	19	
3531	Construction machinery -----	385.4	58.0	327.5	24.8	1.8	23.0	424.5	53.4	371.1	27.0	3.9	23.1	2	30	
3532	Mining machinery -----	58.9	21.3	37.6	1.2	.5	.7	33.0	4.5	28.5	2.9	.7	2.2	45	32	
3533	Oil and gas field machinery -----	78.3	13.9	64.4	8.9	1.5	7.4	104.6	18.8	85.8	19.7	.8	18.8	4	5	
3534	Elevators and moving stairways -----	17.9	2.0	15.9	1.6	.5	1.0	20.2	3.9	16.3	1.7	.5	1.2	7	11	
3535	Conveyors and conveying equipment -----	67.2	10.3	56.9	7.3	4.4	2.9	55.3	10.6	44.7	6.3	.8	5.6	13	55	
3536	Hoists, cranes, and monorails -----	10.2	2.3	7.9	1.5	.1	1.4	11.6	1.6	10.0	1.3	.4	.9	13	50	
3537	Industrial trucks and tractors -----	43.2	7.3	36.0	1.2	.1	1.1	57.6	13.2	44.4	1.5	.4	1.1	6	52	
354	Metalworking machinery -----	1 023.0	207.7	815.2	98.7	32.2	66.5	829.6	125.9	703.7	108.4	16.0	92.4	5	10	
3541	Machine tools, metal cutting types -----	63.0	8.3	54.7	6.3	1.9	4.4	82.4	18.3	64.1	13.3	3.0	10.3	6	28	
3542	Machine tools, metal forming types -----	32.7	6.2	26.5	1.6	.6	1.0	40.4	7.6	32.8	1.2	.5	.7	16	27	
3543	Industrial patterns -----	16.3	1.2	15.1	4.8	.9	3.9	15.1	1.1	14.0	1.9	.2	1.7	32	9	
3544	Special dies, tools, jigs, and fixtures -----	531.8	122.3	409.5	54.3	19.4	35.0	370.1	48.5	321.6	66.1	7.3	58.9	8	11	
3545	Machine tool accessories -----	161.1	32.2	128.8	15.0	6.4	8.7	142.2	17.3	124.9	13.9	1.8	12.0	16	20	
3546	Power-driven handtools -----	112.2	8.2	104.0	1.1	.2	.9	72.3	4.3	68.1	3.5	.6	2.8	8	42	
3547	Rolling mill machinery -----	7.2	2.0	5.3	1.7	.2	1.5	13.7	2.1	11.7	1.6	.2	1.5	12	44	
3548	Welding apparatus -----	80.6	24.1	56.5	1.8	.5	1.3	65.8	21.5	44.3	2.3	.3	1.9	12	14	
3549	Metalworking machinery, n.e.c. -----	18.1	3.3	14.8	12.0	2.2	9.8	27.6	5.3	22.3	4.7	2.1	2.6	11	51	
355	Special industry machinery -----	534.3	116.8	417.4	34.6	9.4	25.3	578.9	127.4	451.4	41.8	7.6	34.2	4	11	
3552	Textile machinery -----	46.9	10.7	36.2	1.9	.4	1.5	39.5	6.1	33.4	3.1	.3	2.7	24	25	
3553	Woodworking machinery -----	20.0	2.1	17.9	4.4	.4	4.0	19.5	3.1	16.4	1.5	.1	1.5	20	15	
3554	Paper industries machinery -----	55.9	15.6	40.3	5.3	1.3	4.1	65.4	14.3	51.1	5.1	1.1	4.0	15	57	
3555	Printing trades machinery -----	52.9	8.9	44.0	3.6	.6	3.0	59.6	7.7	52.0	4.0	.8	3.2	6	9	
3556	Food products machinery -----	48.8	3.0	45.7	1.7	.4	1.3	46.8	8.1	38.7	3.3	.5	2.8	13	9	
3559	Special industry machinery, n.e.c. -----	309.8	76.5	233.3	17.8	6.3	11.5	348.1	88.2	259.9	24.8	4.9	19.9	5	10	
356	General industrial machinery -----	971.5	178.9	792.6	96.0	27.2	68.8	980.2	191.6	788.6	91.1	18.8	72.3	5	9	
3561	Pumps and pumping equipment -----	148.9	33.7	115.2	12.9	3.9	9.0	155.0	24.8	130.1	16.7	7.0	9.7	5	17	
3562	Ball and roller bearings -----	205.5	38.4	167.2	28.2	7.6	20.6	205.5	12.4	194.2	23.5	1.3	22.2	12	25	
3563	Air and gas compressors -----	122.1	14.6	107.5	4.8	1.1	3.7	138.0	36.0	102.1	6.6	2.1	4.5	2	3	
3564	Blowers and fans -----	61.5	10.4	51.1	2.9	1.8	1.0	60.7	10.6	50.0	6.3	1.1	5.1	18	9	
3565	Packaging machinery -----	90.2	19.2	71.0	3.8	.6	3.1	70.1	18.6	51.4	4.4	2.1	2.3	16	11	
3566	Speed changers, drives, and gears -----	55.4	5.3	50.1	8.2	.7	7.5	69.8	20.1	49.7	12.7	.9	11.8	6	8	
3567	Industrial furnaces and ovens -----	36.7	7.1	29.5	9.1	4.2	4.8	27.6	5.2	22.4	2.5	1.1	1.4	20	7	
3568	Power transmission equipment, n.e.c. -----	91.3	20.7	70.7	12.4	.2	12.2	72.5	10.2	62.3	5.6	.5	5.1	24	34	
3569	General industrial machinery, n.e.c. -----	159.9	29.5	130.4	13.8	7.0	6.8	180.1	53.7	126.4	12.8	2.7	10.1	7	11	
357	Computer and office equipment -----	2 185.3	255.8	1 929.4	(D)	21.3	(D)	2 276.2	231.2	2 045.0	(D)	38.3	(D)	1	(X)	
3571	Electronic computers -----	1 042.9	96.7	946.1	54.1	10.2	44.0	1 242.4	116.5	1 125.9	75.6	19.6	56.0	1	2	
3572	Computer storage devices -----	557.7	77.4	480.3	9.1	2.0	7.0	455.6	55.2	400.4	18.2	6.6	11.5	1	3	
3575	Computer terminals -----	29.3	3.8	25.5	4.1	1.3	2.8	44.4	10.7	33.7	3.3	2.4	1.0	7	5	
3577	Computer peripheral equipment, n.e.c. -----	412.0	56.1	355.9	13.8	3.1	10.7	393.0	30.2	362.8	15.6	6.9	8.7	2	8	
3578	Calculating and accounting equipment -----	29.9	7.1	22.8	(D)	.2	(D)	25.5	3.4	22.1	(D)	.1	(D)	16	(X)	
3579	Office machines, n.e.c. -----	113.6	14.7	98.9	(D)	4.5	(D)	115.4	15.3	100.1	(D)	2.6	(D)	2	(X)	
358	Refrigeration and service machinery -----	662.1	87.2	574.8	26.1	11.3	14.8	717.0	92.5	624.4	67.5	16.6	50.9	3	6	
3581	Automatic vending machines -----	20.3	3.3	17.1	.3	(D)	(D)	13.4	1.8	11.6	3.2	(D)	(D)	1	1	
3582	Commercial laundry equipment -----	6.2	1.0	5.1	.2	(Z)	.2	10.8	2.9	7.8	.5	(Z)	.5	11	27	
3585	Refrigeration and heating equipment -----	518.6	63.5	455.1	16.2	6.4	9.8	556.1	65.9	490.2	44.6	6.6	38.0	4	8	
3586	Measuring and dispensing pumps -----	31.8	4.8	27.0	.1	.1	(Z)	27.1	5.0	22.1	.3	(Z)	.3	11	49	
3589	Service industry machinery, n.e.c. -----	85.1	14.6	70.5	9.2	4.6	4.6	109.6	16.9	92.7	18.9	9.8	9.1	7	8	
359	Industrial machinery, n.e.c. -----	880.3	134.0	746.3	(D)	(D)	(D)	880.6	100.6	780.0	(D)	(D)	(D)	5	(X)	
3592	Carburetors, pistons, rings, and valves -----	99.5	5.0	94.5	(D)	(D)	(D)	76.8	6.6	70.2	(D)	(D)	(D)	2	(X)	
3593	Fluid power cylinders and actuators -----	32.1	3.0	29.1	1.5	.3	1.2	54.2	6.8	47.5	4.2	.8	3.5	9	26	
3594	Fluid power pumps and motors -----	36.1	2.7	33.4	2.2	.1	2.1	48.5	2.9	45.6	5.5	.2	5.3	4	2	
3596	Scales and balances, except laboratory -----	11.3	1.0	10.3	(D)	(D)	(D)	17.2	1.8	15.4	(D)	(D)	(D)	12	(X)	
3599	Industrial machinery, n.e.c. -----	701.3	122.3	579.0	148.0	55.7	92.3	683.9	82.5	601.4	172.9	21.9	151.1	6	13	
<b>36</b>	<b>Electronic and other electric equipment -----</b>	<b>9 985.2</b>	<b>1 242.7</b>	<b>8 742.4</b>	<b>362.5</b>	<b>155.0</b>	<b>207.6</b>	<b>8 980.0</b>	<b>1 149.3</b>	<b>7 830.7</b>	<b>787.8</b>	<b>248.7</b>	<b>539.1</b>	<b>1</b>	<b>4</b>	
361	Electric distribution equipment -----	200.0	23.5	176.5	25.5	7.7	17.8	203.5	21.6	181.9	14.1	2.5	11.6	4	8	
3612	Transformers, except electronic -----	77.6	14.0	63.6	20.6	5.3	15.4	85.1	10.9	74.2	6.1	2.2	3.9	9	1	
3613	Switchgear and switchboard apparatus -----	122.4	9.5	112.8	4.8	2.5	2.4	118.4	10.7	107.7	8.0	.3	7.6	3	40	
362	Electrical industrial apparatus -----	539.5	57.8	481.7	20.9	3.3	17.6	569.4	66.1	503.3	38.2	9.3	29.0	3	8	
3621	Motors and generators -----	245.9	26.4	219.5	4.8	.5	4.3	242.0	21.4	220.6	13.5	3.4	10.0	3	2	
3624	Carbon and graphite products -----	40.2	5.7	34.5	3.0	.5	2.6	43.6	7.1	36.6	3.1	.5	2.5	4	3	
3625	Relays and industrial controls -----	213.5	21.6	192.0	9.7	.9	8.8	218.5	28.1	190.3	8.0	1.3	6.7	5	17	
3629	Electrical industrial apparatus, n.e.c. -----	39.9	4.2	35.7	3.4	1.4	2.0	65.3	9.5	55.9	13.6	3.9	9.7	13	9	

See footnotes at end of table.

**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993						1992						Standard error of estimate <sup>1</sup> (percent) for column—	
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)				
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment		
		A	B	C	D	E	F	G	H	I	J	K	L		
<b>36</b>	<b>Electronic and other electric equipment—Con.</b>														
363	Household appliances .....	481.4	52.9	428.5	(D)	(D)	(D)	556.3	44.3	512.0	(D)	(D)	(D)	2	(X)
3631	Household cooking equipment ..	82.6	9.9	72.7	2.9	(D)	(D)	82.9	4.8	78.1	15.2	(D)	(D)	3	2
3632	Household refrigerators and freezers .....	139.9	24.0	115.9	2.2	(D)	(D)	187.4	16.3	171.1	1.4	(D)	(D)	1	1
3633	Household laundry equipment ..	73.5	6.1	67.4	(D)	(D)	(D)	93.6	12.3	81.4	(D)	(D)	(D)	1	(X)
3634	Electric housewares and fans ..	59.1	6.8	52.3	5.8	(D)	(D)	46.3	4.1	42.2	5.4	(D)	(D)	6	55
3635	Household vacuum cleaners .....	72.2	3.0	69.2	2.2	(D)	(D)	66.8	5.2	61.6	9.0	(D)	(D)	8	1
3639	Household appliances, n.e.c. ....	54.0	3.1	50.9	5.0	(D)	(D)	79.2	1.5	77.7	7.8	(D)	(D)	2	1
364	Electric lighting and wiring equipment .....	524.9	70.1	454.8	(D)	(D)	(D)	495.8	70.9	424.9	(D)	(D)	(D)	3	(X)
3641	Electric lamp bulbs and tubes ..	115.7	3.3	112.3	.9	.4	.5	99.6	5.3	94.3	2.2	.5	1.7	3	74
3643	Current-carrying wiring devices ..	125.6	15.4	110.2	7.9	3.6	4.3	124.2	17.4	106.8	10.9	1.4	9.5	9	7
3644	Noncurrent-carrying wiring devices .....	85.9	11.8	74.1	(D)	(D)	(D)	80.7	8.4	72.3	(D)	(D)	(D)	5	(X)
3645	Residential lighting fixtures .....	20.4	9.2	11.2	8.7	8.4	.2	21.4	6.2	15.3	2.2	.2	2.0	33	1
3646	Commercial lighting fixtures .....	43.7	7.2	36.5	4.6	4.3	.3	57.7	12.8	44.9	2.2	.7	1.6	7	78
3647	Vehicular lighting equipment .....	84.5	12.3	72.2	(D)	(D)	(D)	61.3	12.7	48.6	(D)	(D)	(D)	4	(X)
3648	Lighting equipment, n.e.c. ....	49.2	10.9	38.3	6.2	.4	5.8	50.9	8.1	42.8	5.9	1.2	4.7	15	47
365	Household audio and video equipment .....	349.6	37.4	312.2	18.6	15.8	2.8	435.5	111.2	324.3	19.1	7.9	11.3	3	50
3651	Household audio and video equipment .....	211.5	24.1	187.4	16.2	14.6	1.5	252.9	94.1	158.8	12.2	4.6	7.5	4	58
3652	Prerecorded records and tapes ..	138.1	13.3	124.8	2.5	1.2	1.3	182.6	17.2	165.5	7.0	3.2	3.7	3	20
366	Communications equipment .....	1 529.0	194.8	1 334.2	43.5	31.9	11.6	1 380.1	177.0	1 203.1	108.4	34.6	73.7	3	13
3661	Telephone and telegraph apparatus .....	594.6	57.4	537.1	26.5	(D)	(D)	614.8	75.3	539.5	72.4	(D)	(D)	1	3
3663	Radio and television communications equipment .....	850.6	109.1	741.5	14.9	(D)	(D)	700.3	91.5	608.8	30.2	(D)	(D)	4	36
3669	Communications equipment, n.e.c. ....	83.8	28.3	55.5	2.1	1.3	.8	65.0	10.2	54.8	5.8	1.6	4.2	4	4
367	Electronic components and accessories .....	5 520.9	739.3	4 781.6	160.2	55.5	104.7	4 486.8	540.3	3 946.6	492.2	168.1	324.1	1	2
3671	Electron tubes .....	85.5	17.3	68.2	1.9	.2	1.7	61.7	3.3	58.4	12.5	4.6	8.0	1	2
3672	Printed circuit boards .....	282.8	40.5	242.4	11.4	4.5	6.9	316.8	42.2	274.6	34.2	15.8	18.4	4	12
3674	Semiconductors and related devices .....	3 838.5	539.6	3 298.8	85.2	(D)	(D)	3 118.0	378.9	2 739.1	347.7	(D)	(D)	1	4
3675	Electronic capacitors .....	63.9	6.4	57.5	3.5	.3	3.1	64.0	9.6	54.4	2.7	.2	2.5	1	2
3676	Electronic resistors .....	25.7	2.7	23.0	3.6	(D)	(D)	21.3	1.5	19.8	3.2	(D)	(D)	19	3
3677	Electronic coils and transformers .....	21.9	4.0	17.9	.5	.1	.4	20.1	5.0	15.1	2.9	.2	2.7	10	29
3678	Electronic connectors .....	210.7	20.4	190.3	10.8	6.3	4.5	144.3	6.5	137.8	37.3	6.5	30.9	4	3
3679	Electronic components, n.e.c. ....	991.9	108.4	883.5	43.2	23.3	19.9	740.8	93.4	647.4	51.6	6.8	44.8	3	2
369	Miscellaneous electrical equipment and supplies .....	839.9	66.9	773.0	(D)	(D)	(D)	852.5	118.0	734.5	(D)	(D)	(D)	2	(X)
3691	Storage batteries .....	115.5	9.3	106.2	(D)	(D)	(D)	120.0	10.5	109.5	(D)	(D)	(D)	8	(X)
3692	Primary batteries, dry and wet ..	72.6	3.2	69.4	(D)	(D)	(D)	52.5	3.4	49.1	(D)	(D)	(D)	1	(X)
3694	Engine electrical equipment .....	202.0	8.4	193.6	5.5	2.2	3.2	167.1	13.9	153.2	9.8	.6	9.2	5	7
3695	Magnetic and optical recording media .....	337.9	30.3	307.6	15.6	(D)	(D)	394.2	69.8	324.4	17.9	(D)	(D)	1	2
3699	Electrical equipment and supplies, n.e.c. ....	112.0	15.8	96.2	2.5	.7	1.9	118.7	20.4	98.3	3.3	.6	2.7	5	8
<b>37</b>	<b>Transportation equipment .....</b>	<b>11 408.2</b>	<b>1 825.4</b>	<b>9 582.7</b>	<b>431.8</b>	<b>171.8</b>	<b>260.0</b>	<b>11 045.0</b>	<b>2 791.4</b>	<b>8 253.6</b>	<b>574.9</b>	<b>127.0</b>	<b>448.0</b>	<b>1</b>	<b>3</b>
371	Motor vehicles and equipment .....	8 174.7	928.0	7 246.7	(D)	(D)	(D)	6 758.3	1 212.0	5 546.4	(D)	(D)	(D)	1	(X)
3711	Motor vehicles and car bodies ..	4 033.9	496.5	3 537.4	(D)	(D)	(D)	2 989.5	520.4	2 469.1	(D)	(D)	(D)	1	(X)
3713	Truck and bus bodies .....	78.7	17.2	61.5	5.3	3.3	2.0	71.2	12.1	59.1	2.3	.8	1.6	18	30
3714	Motor vehicle parts and accessories .....	3 971.4	390.3	3 581.1	185.1	68.9	116.2	3 647.6	667.4	2 980.2	199.3	40.4	158.8	1	5
3715	Truck trailers .....	66.7	17.8	48.8	4.0	.5	3.5	30.9	6.2	24.7	8.1	2.3	5.8	2	26
3716	Motor homes .....	24.0	6.2	17.9	9.2	6.4	2.8	19.0	5.9	13.2	2.8	1.4	1.4	2	10
372	Aircraft and parts .....	2 306.9	(D)	(D)	55.6	(D)	(D)	3 383.6	(D)	(D)	179.3	(D)	(D)	1	3
3721	Aircraft .....	1 154.4	(D)	(D)	24.9	(D)	(D)	1 661.3	(D)	(D)	33.6	(D)	(D)	1	1
3724	Aircraft engines and engine parts .....	439.2	47.8	391.4	16.5	1.7	14.8	590.2	97.5	492.7	98.3	31.2	67.1	2	5
3728	Aircraft parts and equipment, n.e.c. ....	713.3	197.6	515.7	14.2	1.8	12.4	1 132.1	335.8	796.4	47.4	9.9	37.5	1	9
373	Ship and boat building and repairing .....	238.0	71.4	166.6	30.6	(D)	(D)	191.5	57.0	134.5	52.1	(D)	(D)	5	16
3731	Ship building and repairing .....	155.8	43.7	112.1	24.9	(D)	(D)	128.4	39.5	88.9	32.4	(D)	(D)	6	20
3732	Boat building and repairing .....	82.2	27.7	54.5	5.6	4.0	1.7	63.1	17.5	45.6	19.7	6.2	13.6	10	6
374	Railroad equipment .....	101.7	21.5	80.2	6.4	1.1	5.3	94.9	17.1	77.7	5.7	.5	5.2	5	5
3743	Railroad equipment .....	101.7	21.5	80.2	6.4	1.1	5.3	94.9	17.1	77.7	5.7	.5	5.2	5	5
375	Motorcycles, bicycles, and parts ..	39.0	3.8	35.1	.8	.5	.4	45.6	8.3	37.2	4.0	.1	4.0	2	1
3751	Motorcycles, bicycles, and parts .....	39.0	3.8	35.1	.8	.5	.4	45.6	8.3	37.2	4.0	.1	4.0	2	1
376	Guided missiles, space vehicles, parts .....	418.4	90.2	328.3	88.7	(D)	(D)	475.9	109.7	366.2	37.8	(D)	(D)	1	1
3761	Guided missiles and space vehicles .....	307.6	57.5	250.0	79.0	(D)	(D)	306.7	61.6	245.1	33.0	(D)	(D)	1	1
3764	Space propulsion units and parts .....	85.4	27.4	58.0	9.3	3.5	5.9	128.2	35.8	92.4	4.0	1.1	2.9	1	1
3769	Space vehicle equipment, n.e.c. ....	25.5	5.2	20.3	.3	(Z)	.3	41.0	12.3	28.7	.9	.3	.6	1	69

See footnotes at end of table.



**Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1993 and 1992—Con.**

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

SIC code	Industry group and industry	1993						1992						Standard error of estimate <sup>1</sup> (percent) for column—		
		New capital expenditures (million dollars)			Used capital expenditures (million dollars)			New capital expenditures (million dollars)			Used capital expenditures (million dollars)					
		Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment	Total	Buildings and other structures	Machinery and equipment			
		A	B	C	D	E	F	G	H	I	J	K	L			A
<b>37</b>	<b>Transportation equipment—Con.</b>															
379	Miscellaneous transportation equipment .....	129.5	(D)	(D)	(D)	(D)	(D)	95.3	(D)	(D)	(D)	(D)	(D)	(D)	5	(X)
3792	Travel trailers and campers .....	25.2	(D)	(D)	2.4	(D)	(D)	18.0	(D)	(D)	2.6	(D)	(D)	13	14	
3795	Tanks and tank components .....	17.2	(D)	(D)	(D)	(D)	(D)	15.6	(D)	(D)	(D)	(D)	(D)	2	(X)	
3799	Transportation equipment, n.e.c. ....	87.1	16.5	70.6	3.9	2.3	1.6	61.6	13.4	48.2	7.8	2.4	5.4	6	29	
<b>38</b>	<b>Instruments and related products</b>	<b>4 430.9</b>	<b>761.0</b>	<b>3 669.9</b>	<b>323.0</b>	<b>172.1</b>	<b>150.9</b>	<b>4 617.2</b>	<b>884.6</b>	<b>3 732.6</b>	<b>368.8</b>	<b>224.3</b>	<b>144.5</b>	<b>2</b>	<b>2</b>	
381	Search and navigation equipment .....	711.0	109.1	602.0	34.7	16.6	18.1	859.1	153.6	705.5	108.7	85.5	23.2	1	1	
3812	Search and navigation equipment .....	711.0	109.1	602.0	34.7	16.6	18.1	859.1	153.6	705.5	108.7	85.5	23.2	1	1	
382	Measuring and controlling devices .....	1 150.9	210.3	940.5	205.7	(D)	(D)	1 166.5	204.2	962.3	170.0	(D)	(D)	4	3	
3821	Laboratory apparatus and furniture .....	42.9	5.3	37.7	3.9	(D)	(D)	55.4	15.6	39.9	8.0	(D)	(D)	6	32	
3822	Environmental controls .....	87.6	7.8	79.8	5.5	.2	5.3	81.3	8.8	72.5	1.5	.7	.8	4	2	
3823	Process control instruments .....	133.3	16.6	116.7	5.5	(D)	(D)	158.1	23.4	134.7	20.8	(D)	(D)	4	6	
3824	Fluid meters and counting devices .....	76.1	9.3	66.8	1.3	.8	.6	74.1	6.7	67.4	2.8	.5	2.3	3	11	
3825	Instruments to measure electricity .....	401.6	85.5	316.1	156.1	(D)	(D)	324.7	33.0	291.7	89.1	(D)	(D)	8	2	
3826	Optical instruments .....	215.6	42.9	172.7	25.5	7.0	18.5	227.8	85.2	142.6	19.3	3.9	15.4	7	14	
3827	Optical instruments and lenses .....	69.6	6.4	63.2	3.8	2.7	1.1	65.0	7.1	57.9	6.6	3.9	2.7	13	29	
3829	Measuring and controlling devices, n.e.c. ....	124.1	36.6	87.5	4.2	2.2	2.0	180.1	24.4	155.7	21.8	11.5	10.3	16	23	
384	Medical instruments and supplies .....	1 586.3	301.9	1 284.4	41.5	(D)	(D)	1 558.8	384.2	1 174.6	61.8	(D)	(D)	2	3	
3841	Surgical and medical instruments .....	771.1	164.4	606.6	18.7	5.2	13.6	688.8	165.9	522.9	21.2	5.8	15.4	4	4	
3842	Surgical appliances and supplies .....	430.3	66.5	363.8	6.6	2.8	3.8	504.3	152.5	351.8	16.9	4.1	12.8	3	5	
3843	Dental equipment and supplies .....	58.5	19.2	39.3	1.6	1.0	.6	48.6	6.5	42.2	6.7	.9	5.9	7	28	
3844	X-ray apparatus and tubes .....	85.6	10.3	75.3	5.9	(D)	(D)	63.6	9.4	54.2	1.3	(D)	(D)	3	2	
3845	Electromedical equipment .....	240.9	41.5	199.4	8.6	(D)	(D)	253.6	50.0	203.5	15.7	(D)	(D)	3	4	
385	Ophthalmic goods .....	192.4	42.1	150.3	2.6	.7	1.9	202.4	45.0	157.4	5.5	1.9	3.6	6	16	
3851	Ophthalmic goods .....	192.4	42.1	150.3	2.6	.7	1.9	202.4	45.0	157.4	5.5	1.9	3.6	6	16	
386	Photographic equipment and supplies .....	775.4	96.6	678.8	37.2	8.6	28.6	808.1	88.5	719.7	21.5	11.6	9.9	3	3	
3861	Photographic equipment and supplies .....	775.4	96.6	678.8	37.2	8.6	28.6	808.1	88.5	719.7	21.5	11.6	9.9	3	3	
387	Watches, clocks, watchcases, and parts .....	14.9	1.0	13.9	1.3	.9	.4	22.3	9.2	13.1	1.2	.2	1.0	6	38	
3873	Watches, clocks, watchcases, and parts .....	14.9	1.0	13.9	1.3	.9	.4	22.3	9.2	13.1	1.2	.2	1.0	6	38	
<b>39</b>	<b>Miscellaneous manufacturing industries</b>	<b>932.7</b>	<b>188.9</b>	<b>743.9</b>	<b>72.5</b>	<b>40.7</b>	<b>31.8</b>	<b>1 047.5</b>	<b>191.8</b>	<b>855.7</b>	<b>94.3</b>	<b>32.1</b>	<b>62.2</b>	<b>3</b>	<b>8</b>	
391	Jewelry, silverware, and plated ware .....	75.7	23.4	52.3	11.4	6.5	4.9	66.3	15.9	50.4	5.3	1.1	4.2	8	39	
3911	Jewelry, precious metal .....	42.5	13.4	29.1	8.7	5.2	3.4	36.5	8.0	28.5	4.1	.6	3.5	9	50	
3914	Silverware and plated ware .....	14.4	1.4	12.9	.6	.1	.5	16.9	5.5	11.4	.3	.1	.2	13	15	
3915	Jewelers' materials and lapidary work .....	18.9	8.6	10.3	2.1	1.2	.9	12.9	2.3	10.6	.9	.4	.5	23	38	
393	Musical instruments .....	16.2	1.7	14.5	.9	.5	.4	13.8	2.6	11.2	1.8	.4	1.4	12	10	
3931	Musical instruments .....	16.2	1.7	14.5	.9	.5	.4	13.8	2.6	11.2	1.8	.4	1.4	12	10	
394	Toys and sporting goods .....	351.9	58.7	293.2	30.2	20.6	9.6	317.1	58.4	258.7	36.7	15.4	21.3	4	5	
3942	Dolls and stuffed toys .....	2.7	.8	1.9	.3	.1	.2	3.0	.8	2.2	.5	.1	.4	37	39	
3944	Games, toys, and children's vehicles .....	131.5	9.2	122.3	6.3	1.9	4.5	137.3	23.0	114.3	12.3	2.3	9.9	3	4	
3949	Sporting and athletic goods, n.e.c. ....	217.7	48.7	169.0	23.5	18.6	5.0	176.9	34.6	142.3	23.9	13.0	10.9	6	6	
395	Pens, pencils, office, and art supplies .....	80.7	6.6	74.2	4.7	3.4	1.3	77.8	7.9	69.9	4.1	1.0	3.2	5	46	
3951	Pens and mechanical pencils .....	44.4	2.8	41.6	3.3	3.0	.3	34.1	2.2	31.9	.5	.1	.4	6	64	
3952	Lead pencils and art goods .....	19.3	2.3	17.0	.4	.1	.2	23.0	3.4	19.6	.9	.2	.7	9	4	
3953	Marking devices .....	5.7	.6	5.2	.4	.1	.3	9.3	1.8	7.6	.9	.1	.8	28	33	
3955	Carbon paper and inked ribbons .....	11.4	.9	10.5	.5	.2	.4	11.3	.5	10.9	1.8	.6	1.2	16	69	
396	Costume jewelry and notions .....	61.1	(D)	(D)	2.4	(D)	(D)	131.9	(D)	(D)	3.9	(D)	(D)	11	34	
3961	Costume jewelry .....	9.8	1.4	8.4	.4	.1	.3	12.8	1.7	11.1	1.0	.3	.7	7	10	
3965	Fasteners, buttons, needles, and pins .....	51.3	(D)	(D)	2.0	(D)	(D)	119.1	(D)	(D)	2.8	(D)	(D)	12	42	
399	Miscellaneous manufactures .....	347.2	(D)	(D)	22.9	(D)	(D)	440.6	(D)	(D)	42.6	(D)	(D)	5	9	
3991	Brooms and brushes .....	33.3	4.2	29.1	1.1	.4	.7	35.8	3.8	32.0	2.1	.4	1.7	8	22	
3993	Signs and advertising specialties .....	106.6	22.6	84.0	10.4	5.9	4.5	96.9	15.5	81.4	17.8	3.9	13.9	15	16	
3995	Burial caskets .....	27.2	6.4	20.8	.1	(D)	(D)	28.5	5.7	22.9	4.1	(D)	(D)	18	3	
3996	Hard surface floor coverings, n.e.c. ....	64.4	29.5	34.9	1.8	(D)	(D)	65.7	9.5	56.1	1.1	(D)	(D)	1	1	
3999	Manufacturing industries, n.e.c. ....	115.7	(D)	(D)	9.6	2.4	7.1	213.8	40.0	173.8	17.4	5.8	11.6	4	11	

<sup>1</sup>Description of standard error of estimate is given in Introduction under Qualifications of the Data. Percentage standard errors shown are approximate relative standard errors of estimates of level.

### Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1993

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1993				Beginning of 1993 <sup>2</sup>				Standard error of estimate <sup>3</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
<b>All industries</b>		<b>382 820.0</b>	<b>128 215.9</b>	<b>125 394.2</b>	<b>129 209.9</b>	<b>374 341.9</b>	<b>127 448.4</b>	<b>121 794.1</b>	<b>125 099.4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
20	Food and kindred products	32 256.9	16 964.3	4 258.5	11 034.0	31 529.9	16 742.3	3 943.5	10 844.2	1	1	1	1
21	Tobacco products	6 597.9	949.6	174.7	5 473.6	6 732.4	1 163.5	145.2	5 423.7	1	1	1	1
22	Textile mill products	8 814.9	3 846.9	2 412.2	2 555.7	8 308.8	3 462.6	2 356.1	2 490.0	1	1	1	1
23	Apparel and other textile products	10 778.1	4 383.2	2 120.1	4 274.8	10 104.5	4 178.5	2 041.9	3 884.1	2	2	3	2
24	Lumber and wood products	9 861.8	3 348.1	2 025.4	4 488.3	8 136.5	2 935.2	1 686.7	3 514.7	1	2	2	2
25	Furniture and fixtures	6 042.1	2 053.8	1 246.4	2 741.9	5 667.8	1 933.8	1 178.7	2 555.3	1	2	2	2
26	Paper and allied products	13 955.0	5 642.1	1 328.3	6 984.6	13 964.9	5 565.2	1 306.3	7 093.4	1	1	1	1
27	Printing and publishing	11 987.4	4 992.4	2 508.7	4 486.2	12 089.8	4 977.1	2 556.5	4 556.3	1	1	1	1
28	Chemicals and allied products	36 119.8	17 954.0	6 145.3	12 020.5	35 984.7	17 972.6	5 896.7	12 115.4	1	1	1	1
29	Petroleum and coal products	9 931.4	4 496.0	2 081.9	3 353.5	10 988.2	5 000.5	2 515.8	3 471.9	1	1	1	1
30	Rubber and miscellaneous plastics products	13 075.7	6 012.5	1 829.5	5 233.7	12 675.5	5 783.9	1 820.4	5 071.2	1	1	1	1
31	Leather and leather products	1 682.5	784.2	383.2	515.1	1 519.6	693.5	342.4	483.7	3	4	7	3
32	Stone, clay, and glass products	7 594.2	4 052.8	1 019.0	2 522.4	7 901.8	4 281.5	1 071.2	2 549.1	1	1	1	1
33	Primary metal industries	20 007.3	6 312.6	6 926.8	6 767.8	20 078.4	6 299.2	7 113.6	6 665.6	1	1	1	1
34	Fabricated metal products	23 490.2	7 750.9	7 023.0	8 716.3	23 621.2	7 831.4	7 243.8	8 546.0	1	1	1	1
35	Industrial machinery and equipment	47 307.6	14 107.2	18 769.9	14 430.5	45 049.5	14 114.8	17 335.3	13 599.5	1	1	1	1
36	Electronic and other electric equipment	31 518.2	8 199.2	12 273.0	11 046.1	30 511.7	7 693.0	12 306.6	10 512.0	1	1	1	1
37	Transportation equipment	61 356.1	7 065.9	41 084.9	13 205.3	58 826.6	7 724.8	38 743.4	12 358.3	1	1	1	1
38	Instruments and related products	23 320.9	6 105.2	10 414.0	6 801.8	23 758.3	6 012.9	10 887.1	6 858.3	1	1	1	1
39	Miscellaneous manufacturing industries	7 122.1	3 195.0	1 369.4	2 557.8	6 891.8	3 302.3	1 302.8	2 506.6	1	1	2	1
<b>20</b>	<b>Food and kindred products</b>	<b>32 256.9</b>	<b>16 964.3</b>	<b>4 258.5</b>	<b>11 034.0</b>	<b>31 529.9</b>	<b>16 742.3</b>	<b>3 943.5</b>	<b>10 844.2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
201	Meat products	3 208.5	1 935.0	434.3	839.3	2 953.6	1 750.3	386.1	817.2	1	1	1	2
2011	Meat packing plants	1 184.4	893.4	98.6	192.4	1 062.7	763.5	98.7	200.4	1	1	1	7
2013	Sausages and other prepared meats	1 115.1	570.3	160.2	384.6	1 049.0	550.6	143.5	354.9	1	1	2	2
2015	Poultry slaughtering and processing	909.1	471.3	175.5	262.2	841.9	436.1	143.9	261.9	1	1	2	1
202	Dairy products	2 567.4	1 538.2	122.2	907.0	2 591.7	1 505.2	134.7	951.8	1	1	2	1
2021	Creamery butter	35.2	22.0	2.0	11.1	34.8	23.1	1.6	10.0	3	4	1	5
2022	Cheese, natural and processed	1 173.0	718.9	59.2	394.8	1 212.2	701.8	70.5	439.9	1	1	2	2
2023	Dry, condensed, and evaporated dairy products	457.8	307.7	37.2	113.0	440.6	285.7	38.3	116.7	2	2	6	5
2024	Ice cream and frozen desserts	408.1	248.7	4.6	154.8	408.1	248.0	4.6	155.5	2	2	3	2
2026	Fluid milk	493.3	240.9	19.1	233.3	495.9	246.5	19.7	229.7	2	2	3	1
203	Preserved fruits and vegetables	8 173.3	5 588.4	707.0	1 877.8	8 235.8	5 683.2	738.7	1 813.9	1	1	2	1
2032	Canned specialties	898.3	569.3	22.8	306.1	852.6	528.5	18.8	305.3	1	2	2	1
2033	Canned fruits and vegetables	3 473.6	2 594.3	356.9	522.4	3 698.4	2 862.4	342.5	493.4	2	2	3	2
2034	Dehydrated fruits, vegetables, and soups	738.0	418.7	140.8	178.4	735.1	424.1	135.9	175.2	2	2	3	3
2035	Pickles, sauces, and salad dressings	700.3	432.3	55.1	212.9	717.1	438.3	51.9	227.0	1	1	1	2
2037	Frozen fruits and vegetables	1 766.1	1 270.9	121.7	373.5	1 683.4	1 153.3	183.0	347.1	2	2	2	3
2038	Frozen specialties, n.e.c.	597.0	302.7	9.7	284.5	549.1	276.6	6.5	265.9	2	2	16	3
204	Grain mill products	3 189.3	1 161.5	157.1	1 870.8	2 989.4	1 095.1	137.9	1 756.5	2	1	5	2
2041	Flour and other grain mill products	650.0	131.1	19.0	499.9	569.9	101.5	9.9	458.5	3	4	30	2
2043	Cereal breakfast foods	351.0	16.6	1.4	188.0	372.8	179.2	1.1	192.5	1	1	1	1
2044	Rice milling	439.7	137.6	11.9	290.2	326.7	86.6	10.7	229.3	2	1	5	2
2045	Prepared flour mixes and doughs	231.7	129.5	8.4	93.8	228.5	123.3	7.0	98.2	2	2	2	2
2046	Wet corn milling	384.9	160.5	30.0	194.3	338.4	147.3	22.8	168.3	1	1	1	1
2047	Dog and cat food	372.3	171.1	9.4	191.8	384.2	182.1	9.0	193.2	1	1	1	1
2048	Prepared feeds, n.e.c.	759.7	270.2	76.8	412.7	769.1	275.1	77.4	416.5	5	4	7	7
205	Bakery products	1 055.9	393.1	13.9	648.9	991.7	375.8	10.2	605.7	2	8	10	3
2051	Bread, cake, and related products	458.9	109.2	6.8	342.9	443.4	107.2	5.0	331.2	1	2	12	1
2052	Cookies and crackers	480.8	237.5	5.4	237.9	437.5	225.8	3.3	208.4	3	12	20	7
2053	Frozen bakery products, except bread	116.2	46.5	1.7	68.0	110.8	42.8	2.0	66.0	1	2	5	1
206	Sugar and confectionery products	3 716.0	1 832.5	623.8	1 259.7	3 607.2	1 777.8	508.4	1 321.1	1	1	1	1
2061	Raw cane sugar	420.3	338.7	25.2	56.4	374.8	292.4	25.5	56.9	3	4	1	1
2062	Cane sugar refining	351.5	106.1	109.1	136.3	348.2	101.9	130.7	115.7	1	1	1	1
2063	Beet sugar	736.4	421.6	108.2	206.6	732.6	419.3	101.1	212.2	1	2	2	1
2064	Candy and other confectionery products and industry 2067, chewing gum	1 175.6	614.2	57.1	504.3	1 218.8	621.3	58.2	539.3	1	1	3	1
2066	Chocolate and cocoa products	452.8	179.4	45.7	227.7	485.6	174.0	40.2	271.4	1	1	1	1
2068	Salted and roasted nuts and seeds	579.3	172.5	278.4	128.4	447.3	168.9	152.7	125.7	1	1	1	1
207	Fats and oils	1 747.3	703.3	134.9	909.1	1 600.9	683.0	120.2	797.7	1	2	1	2
2074	Cottonseed oil mills	211.6	46.8	5.9	158.9	184.3	45.9	6.4	132.0	6	12	7	6
2075	Soybean oil mills	961.9	379.9	63.8	518.3	903.1	402.5	56.1	444.6	1	1	1	1
2076	Vegetable oil mills, n.e.c.	99.0	48.5	10.2	40.2	75.2	34.6	1.7	39.0	6	3	3	11
2077	Animal and marine fats and oils	123.8	101.2	2.7	20.0	95.2	72.0	2.8	20.4	7	9	2	8
2079	Edible fats and oils, n.e.c.	351.0	127.0	52.3	171.7	343.0	128.0	53.2	161.8	1	1	1	2
208	Beverages	5 785.6	2 430.7	1 881.3	1 473.5	5 791.7	2 461.5	1 735.7	1 594.6	1	1	2	1
2082	Malt beverages	589.5	84.4	183.8	321.3	620.6	77.1	178.9	364.6	1	1	1	1
2083	Malt	137.2	58.6	6.5	72.2	161.7	51.1	7.2	103.5	3	3	1	4
2084	Wines, brandy, and brandy spirits	2 147.8	573.1	1 385.2	189.4	2 033.1	566.7	1 266.8	199.6	2	3	2	1
2085	Distilled and blended liquors	1 149.7	818.7	241.1	89.9	1 148.8	833.7	225.0	90.2	1	1	1	1
2086	Bottled and canned soft drinks	1 222.8	656.0	23.5	543.3	1 239.6	651.2	17.9	570.5	1	1	21	1
2087	Flavoring extracts and syrups, n.e.c.	538.6	239.9	41.2	257.5	588.0	281.7	39.9	266.3	2	4	10	1
209	Miscellaneous food and kindred products	2 813.7	1 381.7	184.0	1 248.0	2 767.8	1 410.5	171.6	1 185.8	1	2	4	2
2091	Canned and cured fish and seafoods	150.7	106.9	2.2	41.6	122.4	90.5	2.3	29.5	7	8	3	8
2092	Fresh or frozen prepared fish	753.6	522.0	22.1	209.5	842.7	601.3	41.0	200.3	2	3	4	5
2095	Roasted coffee	312.6	120.1	35.9	156.6	281.5	110.2	24.1	147.2	3	2	7	3
2096	Potato chips and similar snacks	208.2	74.7	5.9	127.6	206.4	67.5	6.0	133.0	1	1	2	1
2097	Manufactured ice	16.8	5.8	.7	10.3	18.8	8.0	.8	10.0	15	33	18	7
2098	Macaroni and spaghetti	96.2	55.1	2.0	39.1	99.3	59.5	1.8	38.1	4	5	1	2
2099	Food preparations, n.e.c.	1 275.5	497.1	115.0	663.4	1 196.6	473.4	95.5	627.6	2	3	6	2

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1993—Con.**

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1993				Beginning of 1993 <sup>2</sup>				Standard error of estimate <sup>3</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
<b>21</b>	<b>Tobacco products</b>	<b>6 597.9</b>	<b>949.6</b>	<b>174.7</b>	<b>5 473.6</b>	<b>6 732.4</b>	<b>1 163.5</b>	<b>145.2</b>	<b>5 423.7</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
211	Cigarettes	5 789.4	524.3	107.7	5 157.5	5 837.0	701.7	87.6	5 047.6	1	1	1	1
2111	Cigarettes	5 789.4	524.3	107.7	5 157.5	5 837.0	701.7	87.6	5 047.6	1	1	1	1
212	Cigars	51.9	16.5	3.6	31.8	54.1	20.3	2.8	31.0	4	13	19	3
2121	Cigars	51.9	16.5	3.6	31.8	54.1	20.3	2.8	31.0	4	13	19	3
213	Chewing and smoking tobacco	228.3	33.4	19.0	176.0	245.1	48.0	16.3	180.7	1	1	1	1
2131	Chewing and smoking tobacco	228.3	33.4	19.0	176.0	245.1	48.0	16.3	180.7	1	1	1	1
214	Tobacco stemming and redrying	528.2	375.4	44.5	108.4	596.3	393.5	38.5	164.3	1	1	1	1
2141	Tobacco stemming and redrying	528.2	375.4	44.5	108.4	596.3	393.5	38.5	164.3	1	1	1	1
<b>22</b>	<b>Textile mill products</b>	<b>8 814.9</b>	<b>3 846.9</b>	<b>2 412.2</b>	<b>2 555.7</b>	<b>8 308.8</b>	<b>3 462.6</b>	<b>2 356.1</b>	<b>2 490.0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
221	Broadwoven fabric mills, cotton	831.7	433.1	237.5	161.2	802.0	416.6	241.5	143.9	1	1	1	1
2211	Broadwoven fabrics mills, cotton	831.7	433.1	237.5	161.2	802.0	416.6	241.5	143.9	1	1	1	1
222	Broadwoven fabric mills, manmade fiber and silk	1 258.8	497.6	435.2	325.9	1 192.1	463.0	418.4	310.8	1	1	1	1
2221	Broadwoven fabric mills, manmade fiber and silk	1 258.8	497.6	435.2	325.9	1 192.1	463.0	418.4	310.8	1	1	1	1
223	Broadwoven fabric mills, wool	292.7	90.9	145.2	56.5	297.1	89.6	148.8	58.7	2	2	1	2
2231	Broadwoven fabric mills, wool	292.7	90.9	145.2	56.5	297.1	89.6	148.8	58.7	2	2	1	2
224	Narrow fabric mills	215.1	86.0	62.8	66.3	206.5	77.9	60.9	67.6	1	3	3	5
2241	Narrow fabric mills	215.1	86.0	62.8	66.3	206.5	77.9	60.9	67.6	1	3	3	5
225	Knitting mills	2 249.6	1 009.0	694.6	546.0	2 039.9	846.5	674.4	519.0	1	1	1	3
2251	Women's hosiery, except socks	261.4	64.0	139.7	57.7	236.9	61.0	125.9	49.9	2	1	1	6
2252	Hosiery, n.e.c.	321.4	131.2	122.0	66.2	304.1	116.4	121.7	66.1	3	4	5	16
2253	Knit outerwear mills	706.2	448.7	136.7	120.9	615.5	355.0	142.0	118.6	3	2	2	2
2254	Knit underwear mills	211.3	131.5	45.9	33.9	161.7	90.3	41.8	29.6	4	5	2	4
2257	Weft knit fabric mills	431.3	135.9	140.7	154.8	412.2	132.7	137.6	141.9	2	2	2	3
2258	Lace and warp knit fabric mills	284.5	82.9	104.7	97.0	274.3	76.2	100.8	97.3	2	3	3	3
2259	Knitting mills, n.e.c.	33.4	14.9	4.8	13.6	35.1	14.9	4.6	15.6	8	7	4	12
226	Textile finishing, except wool	607.9	223.9	160.6	223.3	605.4	213.6	174.4	217.4	1	2	2	2
2261	Finishing plants, cotton	204.0	70.4	59.1	74.5	198.1	73.9	73.9	66.1	3	4	1	3
2262	Finishing plants, manmade	284.1	106.6	71.1	106.4	284.7	109.7	67.9	107.0	1	1	1	1
2269	Finishing plants, n.e.c.	119.8	46.9	30.4	42.5	122.7	45.9	32.5	44.3	4	5	8	4
227	Carpets and rugs	1 253.6	603.3	280.9	369.4	1 158.8	516.9	249.8	392.1	1	1	1	2
2273	Carpets and rugs	1 253.6	603.3	280.9	369.4	1 158.8	516.9	249.8	392.1	1	1	1	2
228	Yarn and thread mills	921.8	335.0	210.3	376.5	890.6	311.5	208.7	370.4	1	2	2	2
2281	Yarn spinning mills	574.1	189.1	132.1	252.9	572.7	183.2	126.9	262.5	2	3	2	2
2282	Throwing and winding mills	224.0	83.4	44.8	95.9	200.2	70.3	46.7	83.2	2	2	1	2
2284	Thread mills	123.7	62.5	33.5	27.7	117.7	57.9	35.1	24.7	1	1	3	1
229	Miscellaneous textile goods	1 183.7	568.0	185.1	430.6	1 116.4	526.9	179.3	410.2	2	2	3	2
2295	Coated fabrics, not rubberized	244.6	91.1	42.2	111.2	218.3	75.0	46.8	96.5	6	7	10	6
2296	Tire cord and fabrics	92.5	29.3	24.3	38.9	84.6	25.6	24.9	34.1	1	1	1	1
2297	Nonwoven fabrics	394.1	203.9	65.8	124.4	388.1	196.2	57.0	134.9	1	1	1	1
2298	Cordage and twine	133.4	77.7	18.1	37.5	134.7	80.8	15.4	38.6	4	6	6	6
2299	Textile goods, n.e.c.	319.2	165.9	34.8	118.6	290.7	149.4	35.2	106.2	2	3	6	4
<b>23</b>	<b>Apparel and other textile products</b>	<b>10 778.1</b>	<b>4 383.2</b>	<b>2 120.1</b>	<b>4 274.8</b>	<b>10 104.5</b>	<b>4 178.5</b>	<b>2 041.9</b>	<b>3 884.1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>
231	Men's and boys' suits and coats	476.3	176.5	107.5	192.3	461.7	165.1	102.1	194.5	10	13	13	5
2311	Men's and boys' suits and coats	476.3	176.5	107.5	192.3	461.7	165.1	102.1	194.5	10	13	13	5
232	Men's and boys' furnishings	2 418.5	1 153.9	507.4	757.2	2 325.0	1 111.3	490.3	723.3	2	2	3	3
2321	Men's and boys' shirts	843.7	455.5	148.0	240.2	854.3	462.4	160.5	231.3	2	2	2	5
2322	Men's and boys' underwear and nightwear	72.4	29.9	18.3	24.1	77.2	33.8	18.7	24.7	5	5	12	3
2323	Men's and boys' neckwear	91.1	46.4	9.5	35.2	96.2	49.5	10.2	36.5	22	21	45	22
2325	Men's and boys' trousers and slacks	661.2	305.0	170.3	185.8	584.5	269.7	147.3	167.5	4	3	7	7
2326	Men's and boys' work clothing	227.6	83.5	52.5	91.5	212.5	70.6	52.9	89.0	3	4	4	4
2329	Men's and boys' clothing, n.e.c.	522.7	233.6	108.8	180.3	500.3	225.3	100.7	174.2	2	3	9	2
233	Women's and misses' outerwear	3 430.4	1 210.1	706.6	1 513.6	2 973.3	1 127.2	648.0	1 198.1	3	3	7	2
2331	Women's, misses', and juniors' blouses and shirts	538.3	208.6	110.1	219.6	528.5	207.0	122.6	199.0	3	4	7	4
2335	Women's, misses', and juniors' dresses	820.8	219.2	146.0	455.6	670.2	208.3	139.2	322.7	3	4	3	3
2337	Women's, misses', and juniors' suits and coats	679.6	245.9	147.4	286.3	622.0	236.8	137.2	247.9	4	11	5	6
2339	Women's, misses', and juniors' outerwear, n.e.c.	1 391.7	536.4	303.1	552.1	1 152.5	475.0	249.0	428.5	5	4	15	4
234	Women's and children's undergarments	744.3	343.2	134.5	266.6	724.3	324.7	142.6	257.1	2	2	3	2
2341	Women's and children's underwear	398.2	169.5	62.5	166.2	375.7	146.1	69.6	160.1	3	3	4	3
2342	Brassieres, girdles, and allied garments	346.0	173.6	72.0	100.4	348.6	178.5	73.0	97.0	3	2	4	4
235	Hats, caps, and millinery	201.6	95.0	31.6	74.9	189.4	88.3	30.4	70.8	5	10	3	3
2353	Hats, caps, and millinery	201.6	95.0	31.6	74.9	189.4	88.3	30.4	70.8	5	10	3	3
236	Girls' and children's outerwear	424.9	131.7	108.7	184.5	524.2	172.2	112.7	239.3	9	25	3	4
2361	Girls' and children's dresses and blouses	221.4	84.0	45.6	91.8	268.4	125.8	50.0	92.6	4	9	6	5
2369	Girls' and children's outerwear, n.e.c.	203.6	47.7	63.1	92.8	255.8	46.4	62.7	146.7	18	68	2	6
237	Fur goods	25.4	7.9	10.3	7.2	25.7	8.6	10.4	6.8	10	31	1	4
2371	Fur goods	25.4	7.9	10.3	7.2	25.7	8.6	10.4	6.8	10	31	1	4
238	Miscellaneous apparel and accessories	469.0	257.3	60.3	151.4	432.1	226.4	61.3	144.4	7	9	6	6
2381	Fabrics dress and work gloves	71.7	44.3	11.2	16.2	54.3	30.1	10.1	14.1	31	40	14	24
2384	Robes and dressing gowns	63.7	28.8	10.3	24.6	56.8	26.5	7.2	23.0	10	22	16	7
2385	Waterproof outerwear	25.3	11.6	3.3	10.5	23.6	8.6	4.3	10.6	6	14	7	3
2386	Leather and sheep-lined clothing	41.4	23.6	5.4	12.4	39.4	22.8	5.2	11.3	3	3	5	4
2387	Apparel belts	86.7	42.8	7.7	36.2	89.9	42.2	10.0	37.6	18	19	32	18
2389	Apparel and accessories, n.e.c.	180.1	106.2	22.4	51.5	168.2	96.1	24.4	47.7	8	9	6	8
239	Miscellaneous fabricated textile products	2 587.6	1 007.5	453.2	1 127.0	2 448.8	954.7	444.3	1 049.8	2	2	2	3
2391	Curtains and draperies	150.4	41.3	24.4	84.8	163.1	45.0	26.1	92.1	12	17	14	13
2392	Housefurnishings, n.e.c.	913.5	387.6	190.2	335.7	849.8	364.3	179.3	306.2	2	3	2	3
2393	Textile bags	119.5	35.7	15.1	68.7	116.1	41.9	13.7	60.6	8	25	13	4
2394	Canvas and related products	181.0	53.9	24.8	102.3	160.9	60.0	21.5	79.4	12	7	24	18
2395	Pleating and stitching	98.8	26.5	15.0	57.4	91.4	41.3	15.3	34.8	11	20	13	11
2396	Automotive and apparel trimmings	657.6	289.0	106.2	262.4	642.6	253.8	116.6	272.2	3	3	3	3
2397	Shiffli machine embroideries	34.5	13.0	6.7	14.7	32.9	12.9	6.4	13.7	2	2	2	4
2399	Fabricated textile products, n.e.c.												

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1993—Con.**

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1993				Beginning of 1993 <sup>2</sup>				Standard error of estimate <sup>3</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
<b>24</b>	<b>Lumber and wood products</b>	<b>9 861.8</b>	<b>3 348.1</b>	<b>2 025.4</b>	<b>4 488.3</b>	<b>8 136.5</b>	<b>2 935.2</b>	<b>1 686.7</b>	<b>3 514.7</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>
241	Logging	599.3	335.1	71.6	192.6	500.9	303.9	53.5	143.5	3	4	4	3
2411	Logging	599.3	335.1	71.6	192.6	500.9	303.9	53.5	143.5	3	4	4	3
242	Sawmills and planing mills	3 808.0	1 319.0	889.3	1 599.7	2 971.4	1 132.5	700.2	1 138.7	1	2	3	2
2421	Sawmills and planing mills, general	3 368.0	1 227.8	793.9	1 346.3	2 600.3	1 049.9	615.1	935.3	1	2	3	2
2426	Hardwood dimension and flooring mills	412.1	81.4	89.8	240.9	346.5	73.4	80.3	192.8	4	6	9	5
2429	Special product sawmills, n.e.c.	28.0	9.9	5.6	12.5	24.7	9.2	4.9	10.6	7	11	13	4
243	Millwork, plywood, and structural members	3 140.8	803.6	690.3	1 646.9	2 667.1	705.4	606.7	1 355.0	1	3	2	2
2431	Millwork	1 491.9	331.8	392.7	767.4	1 345.6	323.6	361.0	661.0	2	5	3	2
2434	Wood kitchen cabinets	549.6	108.4	147.5	293.7	495.4	98.4	133.4	263.5	2	4	3	2
2435	Hardwood veneer and plywood	410.1	161.4	71.6	177.0	342.9	139.5	49.2	154.2	2	2	2	2
2436	Softwood veneer and plywood	414.5	110.8	54.5	249.1	280.8	81.3	39.5	159.9	4	6	2	4
2439	Structural wood members, n.e.c.	274.7	91.1	23.9	159.7	202.5	62.6	23.5	116.3	4	6	3	5
244	Wood containers	294.3	65.7	43.2	185.4	265.0	66.7	39.2	159.2	3	4	5	3
2441	Nailed wood boxes and shooks	40.3	14.0	4.3	21.9	44.0	17.5	4.4	22.1	6	3	10	8
2448	Wood pallets and skids	196.7	35.2	30.9	130.6	158.7	30.1	27.7	101.0	3	6	5	4
2449	Wood containers, n.e.c.	57.3	16.4	7.9	33.0	62.4	19.1	7.1	36.2	2	5	15	3
245	Wood buildings and mobile homes	481.5	95.2	64.1	322.2	424.7	94.3	54.2	276.2	2	4	4	2
2451	Mobile homes	256.9	41.4	37.4	178.2	223.1	39.4	28.8	154.8	3	3	4	3
2452	Prefabricated wood buildings	224.6	53.8	26.7	144.1	201.7	54.9	25.4	121.3	3	6	7	4
249	Miscellaneous wood products	1 537.8	729.6	266.9	541.3	1 307.3	632.4	232.8	442.1	2	3	5	8
2491	Wood preserving	535.4	345.6	127.8	62.0	449.9	279.9	105.2	64.8	4	5	8	9
2493	Reconstituted wood products	345.6	109.1	31.8	204.7	309.4	111.3	26.7	171.4	2	2	12	4
2499	Wood products, n.e.c.	656.8	274.9	107.3	274.6	548.0	241.2	101.0	205.9	3	4	4	16
<b>25</b>	<b>Furniture and fixtures</b>	<b>6 042.1</b>	<b>2 053.8</b>	<b>1 246.4</b>	<b>2 741.9</b>	<b>5 667.8</b>	<b>1 933.8</b>	<b>1 178.7</b>	<b>2 555.3</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>
251	Household furniture	3 287.9	1 276.7	627.2	1 384.0	3 015.0	1 175.6	581.0	1 258.4	2	2	2	2
2511	Wood household furniture	1 935.6	914.2	389.6	631.8	1 736.3	837.5	355.0	543.8	3	2	3	4
2512	Upholstered household furniture	669.9	142.1	132.4	395.4	621.6	131.6	122.1	367.9	2	3	2	1
2514	Metal household furniture	376.9	146.2	64.2	166.5	355.5	130.0	62.3	163.1	4	8	4	2
2515	Mattresses and bedsprings	203.8	44.3	16.7	142.8	207.3	48.6	18.0	140.6	3	16	12	5
2517	Wood television and radio cabinets	37.2	10.6	9.5	17.1	33.8	9.0	10.7	14.2	7	10	5	6
2519	Household furniture, n.e.c.	64.4	19.3	14.7	30.5	60.6	18.9	12.8	28.8	2	6	2	5
252	Office furniture	872.2	183.0	199.5	489.6	871.2	183.1	205.8	482.3	2	5	2	1
2521	Wood office furniture	281.3	58.7	75.2	147.4	285.4	63.0	78.1	144.2	4	12	4	2
2522	Office furniture, except wood	590.9	124.3	124.3	342.3	585.8	120.1	127.6	338.1	1	4	2	1
253	Public building and related furniture	348.5	70.3	80.3	197.9	342.5	70.6	78.0	193.9	2	3	5	2
2531	Public building and related furniture	348.5	70.3	80.3	197.9	342.5	70.6	78.0	193.9	2	3	5	2
254	Partitions and fixtures	899.3	332.7	228.8	337.8	847.5	324.5	209.1	313.9	3	6	3	3
2541	Wood partitions and fixtures	379.0	131.9	102.2	144.9	360.2	125.3	97.5	137.4	6	13	4	5
2542	Partitions and fixtures, except wood	520.3	200.8	126.6	192.9	487.3	199.2	111.6	176.5	3	4	3	5
259	Miscellaneous furniture and fixtures	634.2	191.1	110.6	332.5	591.6	179.9	104.8	306.9	6	5	6	6
2591	Drapery hardware and blinds and shades	314.7	109.1	36.1	169.6	300.8	107.0	35.5	158.4	3	1	2	4
2599	Furniture and fixtures, n.e.c.	319.4	82.0	74.5	162.9	290.8	73.0	69.3	148.5	10	11	8	12
<b>26</b>	<b>Paper and allied products</b>	<b>13 955.0</b>	<b>5 642.1</b>	<b>1 328.3</b>	<b>6 984.6</b>	<b>13 964.9</b>	<b>5 565.2</b>	<b>1 306.3</b>	<b>7 093.4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
261	Pulp mills	586.2	261.8	38.7	285.6	663.0	326.8	42.1	294.0	1	1	1	2
2611	Pulp mills	586.2	261.8	38.7	285.6	663.0	326.8	42.1	294.0	1	1	1	2
262	Paper mills	3 811.8	1 447.0	314.9	2 049.9	3 755.6	1 346.7	316.0	2 092.9	1	1	1	1
2621	Paper mills	3 811.8	1 447.0	314.9	2 049.9	3 755.6	1 346.7	316.0	2 092.9	1	1	1	1
263	Paperboard mills	1 273.2	335.6	66.3	871.3	1 228.0	325.1	54.7	848.2	1	1	1	1
2631	Paperboard mills	1 273.2	335.6	66.3	871.3	1 228.0	325.1	54.7	848.2	1	1	1	1
265	Paperboard containers and boxes	3 389.6	1 227.1	341.3	1 821.2	3 477.7	1 220.6	353.5	1 903.6	2	3	2	1
2652	Setup paperboard boxes	53.3	23.9	2.5	26.8	54.4	24.2	7.2	23.0	7	23	(A)	14
2653	Corrugated and solid fiber boxes	1 762.4	442.0	118.0	1 202.5	1 799.1	415.1	114.8	1 269.1	1	2	2	1
2655	Fiber cans, drums, and similar products	167.1	42.0	10.6	114.5	170.8	41.3	12.3	117.1	4	9	7	4
2656	Sanitary food containers	365.2	170.5	36.1	158.6	362.7	165.2	34.2	163.3	2	2	1	3
2657	Folding paperboard boxes	1 041.7	548.7	174.1	318.9	1 090.7	574.7	184.9	331.1	4	6	3	4
267	Miscellaneous converted paper products	4 894.2	2 370.6	567.0	1 956.6	4 840.6	2 345.9	540.1	1 954.6	1	1	2	1
2671	Paper coated and laminated, packaging	487.2	239.7	66.9	180.6	483.5	242.7	69.3	171.5	2	2	3	2
2672	Paper coated and laminated, n.e.c.	798.2	279.4	194.8	323.9	800.8	271.8	196.3	332.7	1	1	1	2
2673	Bags: plastics, laminated, and coated	594.7	255.2	55.6	283.8	616.2	276.1	56.9	283.2	1	2	3	2
2674	Bags: uncoated paper and multiwall	395.2	129.1	25.0	241.0	395.1	129.6	25.5	240.0	2	2	1	2
2675	Die-cut paper and board	222.9	100.5	29.7	92.7	245.6	110.5	26.0	109.1	11	8	12	16
2676	Sanitary paper products	1 030.5	611.1	75.4	344.1	971.1	567.2	62.4	341.5	1	1	1	1
2677	Envelopes	298.0	148.8	28.5	120.8	290.5	143.8	25.3	121.4	1	2	5	1
2678	Stationery products	305.4	193.5	24.5	87.4	287.3	179.1	25.5	82.7	1	1	2	2
2679	Converted paper products, n.e.c.	762.2	413.4	66.5	282.3	750.6	425.0	52.8	272.7	2	2	6	4

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1993—Con.**

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1993				Beginning of 1993 <sup>2</sup>				Standard error of estimate <sup>3</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
<b>27</b>	<b>Printing and publishing</b> .....	<b>11 987.4</b>	<b>4 992.4</b>	<b>2 508.7</b>	<b>4 486.2</b>	<b>12 089.8</b>	<b>4 977.1</b>	<b>2 556.5</b>	<b>4 556.3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
271	Newspapers .....	754.9	24.9	8.4	721.6	764.4	25.8	7.3	731.4	2	4	11	2
2711	Newspapers .....	754.9	24.9	8.4	721.6	764.4	25.8	7.3	731.4	2	4	11	2
272	Periodicals .....	1 089.8	442.1	208.3	439.4	1 090.6	428.6	209.3	452.7	2	3	3	3
2721	Periodicals .....	1 089.8	442.1	208.3	439.4	1 090.6	428.6	209.3	452.7	2	3	3	3
273	Books .....	3 350.0	2 481.4	492.9	375.7	3 446.1	2 496.0	555.2	394.8	2	2	4	2
2731	Book publishing .....	2 947.2	2 423.3	321.0	202.9	3 021.5	2 439.3	371.2	211.0	2	2	5	3
2732	Book printing .....	402.8	58.1	171.9	172.8	424.5	56.7	184.1	183.8	2	9	5	3
274	Miscellaneous publishing .....	956.3	555.7	246.7	153.9	953.6	559.7	240.0	153.9	2	2	2	5
2741	Miscellaneous publishing .....	956.3	555.7	246.7	153.9	953.6	559.7	240.0	153.9	2	2	2	5
275	Commercial printing .....	3 911.3	628.7	1 196.3	2 086.3	3 953.7	629.6	1 199.9	2 124.2	1	2	1	1
2752	Commercial printing, lithographic .....	2 782.9	348.2	908.8	1 525.9	2 799.0	345.8	906.1	1 547.1	1	3	2	2
2754	Commercial printing, gravure .....	258.6	25.4	88.5	144.7	270.9	29.2	96.6	145.1	3	12	2	3
2759	Commercial printing, n.e.c. ....	869.8	255.1	199.0	415.7	883.9	254.6	197.3	432.0	2	3	3	2
276	Manifold business forms .....	765.0	346.3	72.4	346.2	751.2	347.7	68.2	335.3	2	2	4	2
2761	Manifold business forms .....	765.0	346.3	72.4	346.2	751.2	347.7	68.2	335.3	2	2	4	2
277	Greeting cards .....	494.8	337.1	64.1	93.6	455.2	304.0	64.3	87.0	1	1	5	3
2771	Greeting cards .....	494.8	337.1	64.1	93.6	455.2	304.0	64.3	87.0	1	1	5	3
278	Blankbooks and bookbinding .....	432.7	155.6	87.6	189.5	438.5	164.9	83.5	190.1	1	2	2	2
2782	Blankbooks and looseleaf binders .....	303.1	107.4	55.5	140.2	314.2	117.1	52.7	144.4	1	2	1	2
2789	Bookbinding and related work .....	129.6	48.1	32.1	49.3	124.2	47.7	30.9	45.7	3	5	5	5
279	Printing trade services .....	232.6	20.6	132.1	80.0	236.5	20.9	128.8	86.9	3	5	3	7
2791	Typesetting .....	87.7	5.1	66.0	16.6	87.3	4.8	65.4	17.0	2	4	3	2
2796	Platemaking services .....	144.9	15.5	66.0	63.4	149.2	16.0	63.3	69.8	4	6	6	8
<b>28</b>	<b>Chemicals and allied products</b> .....	<b>36 119.8</b>	<b>17 954.0</b>	<b>6 145.3</b>	<b>12 020.5</b>	<b>35 984.7</b>	<b>17 972.6</b>	<b>5 896.7</b>	<b>12 115.4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
281	Industrial inorganic chemicals .....	2 445.1	1 120.8	385.2	939.1	2 423.3	1 054.4	442.6	926.3	1	1	2	1
2812	Alkalies and chlorine .....	247.0	148.7	7.3	91.0	206.1	115.3	2.8	88.1	1	1	1	1
2813	Industrial gases .....	86.8	57.0	1.1	28.8	69.2	46.8	.7	21.7	1	1	2	2
2816	Inorganic pigments .....	538.8	235.1	39.6	264.2	523.8	221.9	44.7	257.2	1	1	3	1
2819	Industrial inorganic chemicals, n.e.c. ....	1 572.5	680.0	337.3	555.2	1 624.1	670.4	394.4	559.4	1	1	2	2
282	Plastics materials and synthetics .....	5 573.9	3 418.6	668.4	1 487.0	5 806.0	3 474.6	696.5	1 634.9	1	1	1	2
2821	Plastics materials and resins .....	3 475.5	2 233.1	342.7	899.7	3 654.5	2 283.1	384.4	987.0	1	1	1	1
2822	Synthetic rubber .....	644.8	399.5	73.5	171.8	660.8	410.1	75.4	174.5	1	1	1	1
2823	Cellulosic manmade fibers .....	199.8	111.9	22.9	65.1	211.7	112.5	21.3	77.9	1	1	1	1
2824	Organic fibers, noncellulosic .....	1 253.8	674.1	229.2	350.5	1 279.0	668.1	215.4	395.5	1	2	1	5
283	Drugs .....	9 276.4	3 568.7	2 856.1	2 851.6	9 005.1	3 574.0	2 504.1	2 927.1	1	1	1	1
2833	Medicinals and botanicals .....	992.1	331.8	400.5	259.8	960.5	318.4	390.7	251.4	1	2	1	1
2834	Pharmaceutical preparations .....	6 301.7	2 459.6	1 750.4	2 091.6	6 154.9	2 496.6	1 453.4	2 204.9	1	1	1	1
2835	Diagnostic substances .....	1 033.4	389.1	320.3	324.0	1 014.0	399.9	294.5	319.7	1	1	2	2
2836	Biological products, except diagnostic .....	949.3	388.2	384.9	176.2	875.7	359.1	365.5	151.1	1	1	1	1
284	Soaps, cleaners, and toilet goods .....	4 624.3	2 352.0	520.5	1 751.8	4 607.1	2 370.4	505.7	1 731.0	1	1	8	3
2841	Soap and other detergents .....	1 283.8	686.6	188.0	409.2	1 374.1	738.7	194.1	441.3	2	2	22	9
2842	Polishes and sanitation goods .....	644.8	358.1	33.4	253.4	606.8	334.3	37.2	235.3	3	3	6	4
2843	Surface active agents .....	392.6	233.9	34.5	124.1	390.2	236.5	32.2	121.4	2	2	1	2
2844	Toilet preparations .....	2 303.1	1 073.5	264.5	965.1	2 236.1	1 060.9	242.2	933.1	1	1	1	2
285	Paints and allied products .....	1 782.9	1 012.7	103.7	666.4	1 778.8	1 016.3	114.5	648.1	1	1	2	2
2851	Paints and allied products .....	1 782.9	1 012.7	103.7	666.4	1 778.8	1 016.3	114.5	648.1	1	1	2	2
286	Industrial organic chemicals .....	7 730.8	4 252.9	1 019.0	2 458.9	7 743.1	4 291.1	1 024.2	2 427.9	1	1	1	1
2861	Gum and wood chemicals .....	145.0	90.9	7.3	46.8	139.1	87.8	13.4	37.9	3	3	52	7
2865	Cyclic crudes and intermediates .....	1 458.2	770.2	186.4	501.7	1 468.1	775.3	190.5	502.3	2	2	2	2
2869	Industrial organic chemicals, n.e.c. ....	6 127.5	3 391.8	825.2	1 910.5	6 136.0	3 428.0	820.3	1 887.7	1	1	1	1
287	Agricultural chemicals .....	2 256.2	1 057.9	278.2	920.1	2 256.8	1 062.9	306.9	887.1	3	2	2	4
2873	Nitrogenous fertilizers .....	392.4	193.2	16.1	183.1	409.1	195.5	19.5	193.1	1	1	1	1
2874	Phosphatic fertilizers .....	384.1	146.4	50.7	187.1	425.2	188.7	55.0	181.4	1	2	1	2
2875	Fertilizers, mixing only .....	302.1	193.3	12.6	96.2	302.2	169.2	13.9	94.3	3	5	10	6
2879	Agricultural chemicals, n.e.c. ....	1 177.5	525.1	198.7	453.8	1 145.1	508.4	218.5	418.2	4	3	3	8
289	Miscellaneous chemical products .....	2 430.2	1 170.3	314.4	945.6	2 364.4	1 129.0	302.4	933.1	1	2	5	2
2891	Adhesives and sealants .....	567.0	285.1	45.0	236.9	546.2	266.5	45.7	234.1	2	2	2	3
2892	Explosives .....	133.9	41.0	38.9	53.9	127.3	46.3	27.5	53.6	1	5	1	3
2893	Printing ink .....	364.8	186.8	10.8	167.2	351.9	171.0	17.9	163.0	3	4	89	7
2895	Carbon black .....	65.6	41.6	—	24.0	64.9	40.1	—	24.8	2	3	(X)	1
2899	Chemical preparations, n.e.c. ....	1 298.9	615.7	219.6	463.6	1 274.1	605.1	211.3	457.7	2	2	5	2
<b>29</b>	<b>Petroleum and coal products</b> .....	<b>9 931.4</b>	<b>4 496.0</b>	<b>2 081.9</b>	<b>3 353.5</b>	<b>10 988.2</b>	<b>5 000.5</b>	<b>2 515.8</b>	<b>3 471.9</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
291	Petroleum refining .....	8 614.6	3 806.6	1 992.0	2 816.0	9 688.4	4 345.6	2 434.4	2 908.4	1	1	1	1
2911	Petroleum refining .....	8 614.6	3 806.6	1 992.0	2 816.0	9 688.4	4 345.6	2 434.4	2 908.4	1	1	1	1
295	Asphalt paving and roofing materials .....	600.7	314.8	26.1	259.8	577.0	307.3	20.1	249.7	3	4	4	4
2951	Asphalt paving mixtures and blocks .....	282.1	127.1	19.8	135.1	267.5	119.0	14.4	134.0	6	9	5	6
2952	Asphalt felts and coatings .....	318.6	187.7	6.3	124.7	309.5	188.2	5.6	115.7	2	3	3	3
299	Miscellaneous petroleum and coal products .....	716.1	374.7	63.8	277.6	722.8	347.6	61.4	313.8	2	2	5	2
2992	Lubricating oils and greases .....	580.2	318.4	49.7	212.1	598.8	294.5	47.3	257.1	2	2	6	3
2999	Petroleum and coal products, n.e.c. ....	135.9	56.3	14.1	65.5	123.9	53.1	14.1	56.7	2	2	14	3

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1993—Con.**

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1993				Beginning of 1993 <sup>2</sup>				Standard error of estimate <sup>3</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
<b>30</b>	<b>Rubber and miscellaneous plastics products -----</b>	<b>13 075.7</b>	<b>6 012.5</b>	<b>1 829.5</b>	<b>5 233.7</b>	<b>12 675.5</b>	<b>5 783.9</b>	<b>1 820.4</b>	<b>5 071.2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
301	Tires and inner tubes -----	971.3	558.9	121.9	290.5	947.5	539.5	124.4	283.6	1	1	1	1
3011	Tires and inner tubes -----	971.3	558.9	121.9	290.5	947.5	539.5	124.4	283.6	1	1	1	1
302	Rubber and plastics footwear -----	153.1	84.7	22.7	45.7	167.4	91.2	25.9	50.3	3	3	2	7
3021	Rubber and plastics footwear -----	153.1	84.7	22.7	45.7	167.4	91.2	25.9	50.3	3	3	2	7
305	Hose and belting and gaskets and packing -----	899.6	488.1	152.9	258.6	855.8	474.1	138.9	242.8	2	3	2	2
3052	Rubber and plastics hose and belting -----	459.5	286.7	70.8	102.0	419.4	271.6	57.2	90.5	3	4	2	3
3053	Gaskets, packing, and sealing devices -----	440.1	201.4	82.1	156.6	436.5	202.4	81.8	152.3	2	2	2	2
306	Fabricated rubber products, n.e.c. -----	1 279.8	519.6	270.8	489.4	1 269.1	514.7	274.4	480.0	2	3	2	2
3061	Mechanical rubber goods -----	452.5	159.5	114.6	178.4	432.2	156.8	104.8	170.6	2	3	4	4
3069	Fabricated rubber products, n.e.c. -----	827.3	360.1	156.2	311.0	836.9	357.9	169.6	309.4	2	5	2	2
308	Miscellaneous plastics products, n.e.c. -----	9 771.9	4 361.2	1 261.2	4 149.6	9 435.8	4 164.4	1 256.8	4 014.5	1	2	2	1
3081	Unsupported plastics film and sheet -----	1 313.7	570.7	218.2	524.8	1 293.7	530.6	244.9	518.1	1	1	1	1
3082	Unsupported plastics profile shapes -----	364.9	157.8	60.4	146.7	374.7	158.3	56.4	160.0	4	5	3	5
3083	Laminated plastics plate, sheet, and profile shapes -----	296.5	116.7	47.2	132.5	285.1	109.0	47.1	129.1	1	1	2	2
3084	Plastics pipe -----	457.2	291.5	15.7	149.9	414.7	266.9	13.9	133.9	2	3	4	3
3085	Plastics bottles -----	408.5	205.4	31.6	171.5	373.7	175.1	28.5	170.1	5	10	7	2
3086	Plastics foam products -----	905.0	348.9	104.2	451.9	876.5	341.1	100.9	434.5	2	3	5	2
3087	Custom compounding of purchased plastics resins -----	565.5	258.0	32.7	274.8	541.7	254.9	29.9	256.9	1	2	3	2
3088	Plastics plumbing fixtures -----	86.1	30.9	8.2	47.0	95.7	37.5	8.3	50.0	5	3	5	8
3089	Plastics products, n.e.c. -----	5 374.6	2 381.2	742.9	2 250.5	5 180.0	2 291.0	727.0	2 162.0	1	3	2	2
<b>31</b>	<b>Leather and leather products -----</b>	<b>1 682.5</b>	<b>784.2</b>	<b>383.2</b>	<b>515.1</b>	<b>1 519.6</b>	<b>693.5</b>	<b>342.4</b>	<b>483.7</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>3</b>
311	Leather tanning and finishing -----	495.1	156.3	227.8	111.0	433.7	138.0	189.3	106.4	6	8	11	4
3111	Leather tanning and finishing -----	495.1	156.3	227.8	111.0	433.7	138.0	189.3	106.4	6	8	11	4
313	Footwear cut stock -----	39.9	18.0	6.1	15.8	39.5	16.7	6.5	16.3	4	12	7	4
3131	Footwear cut stock -----	39.9	18.0	6.1	15.8	39.5	16.7	6.5	16.3	4	12	7	4
314	Footwear, except rubber -----	666.9	361.1	88.6	217.2	616.2	322.3	84.9	209.1	3	2	3	5
3142	House slippers -----	56.9	27.8	6.2	23.0	48.5	25.0	4.3	19.2	11	10	10	14
3143	Men's footwear, except athletic -----	435.1	241.0	51.6	142.4	404.8	214.1	49.4	141.3	3	1	4	6
3144	Women's footwear, except athletic -----	117.4	61.1	23.7	32.5	106.3	53.9	22.8	29.5	6	4	6	16
3149	Footwear, except rubber, n.e.c. -----	57.5	31.1	7.1	19.3	56.7	29.4	8.4	18.9	5	7	6	4
315	Leather gloves and mittens -----	29.9	13.4	5.1	11.4	35.2	13.7	7.3	14.3	15	13	27	16
3151	Leather gloves and mittens -----	29.9	13.4	5.1	11.4	35.2	13.7	7.3	14.3	15	13	27	16
316	Luggage -----	202.0	102.4	23.1	76.4	169.2	78.1	22.4	68.6	16	22	3	11
3161	Luggage -----	202.0	102.4	23.1	76.4	169.2	78.1	22.4	68.6	16	22	3	11
317	Handbags and personal leather goods -----	118.8	60.5	13.9	44.4	115.0	59.9	16.0	39.0	11	4	65	9
3171	Women's handbags and purses -----	39.3	17.9	6.0	15.4	40.4	18.1	8.5	13.7	10	10	15	10
3172	Personal leather goods, n.e.c. -----	79.5	42.6	7.9	29.0	74.6	41.8	7.5	25.3	16	2	(A)	13
319	Leather goods, n.e.c. -----	129.9	72.5	18.4	39.0	110.8	64.7	16.0	30.1	13	13	14	17
3199	Leather goods, n.e.c. -----	129.9	72.5	18.4	39.0	110.8	64.7	16.0	30.1	13	13	14	17
<b>32</b>	<b>Stone, clay, and glass products -----</b>	<b>7 594.2</b>	<b>4 052.8</b>	<b>1 019.0</b>	<b>2 522.4</b>	<b>7 901.8</b>	<b>4 281.5</b>	<b>1 071.2</b>	<b>2 549.2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
321	Flat glass -----	267.7	150.3	55.7	61.6	293.8	177.1	53.9	62.8	1	1	1	1
3211	Flat glass -----	267.7	150.3	55.7	61.6	293.8	177.1	53.9	62.8	1	1	1	1
322	Glass and glassware, pressed or blown -----	1 475.6	1 082.7	85.6	307.3	1 668.3	1 248.8	85.3	334.1	1	1	1	1
3221	Glass containers -----	802.8	668.8	1.6	132.4	991.9	830.0	2.0	160.0	1	1	1	1
3229	Pressed and blown glass, n.e.c. -----	672.8	413.9	84.0	174.9	676.3	418.9	83.4	174.1	1	1	1	1
323	Products of purchased glass -----	770.1	288.9	164.8	316.5	788.7	321.5	168.2	298.9	1	2	2	2
3231	Products of purchased glass -----	770.1	288.9	164.8	316.5	788.7	321.5	168.2	298.9	1	2	2	2
324	Cement, hydraulic -----	741.9	182.6	126.8	432.5	830.5	220.8	180.7	429.0	1	3	4	2
3241	Cement, hydraulic -----	741.9	182.6	126.8	432.5	830.5	220.8	180.7	429.0	1	3	4	2
325	Structural clay products -----	643.0	459.9	34.2	148.9	633.6	442.6	34.8	156.2	1	2	3	4
3251	Brick and structural clay tile -----	274.5	221.0	9.0	44.5	275.0	223.3	8.8	43.0	2	2	3	2
3253	Ceramic wall and floor tile -----	180.1	130.5	10.2	39.3	163.0	112.5	10.4	40.0	2	2	1	3
3255	Clay refractories -----	153.0	83.0	12.0	58.0	160.6	82.4	12.7	65.5	3	4	6	8
3259	Structural clay products, n.e.c. -----	35.4	25.3	2.9	7.1	35.0	24.5	2.9	7.6	2	3	5	5
326	Pottery and related products -----	441.8	209.4	127.1	105.2	446.8	216.7	125.1	105.1	1	1	1	3
3261	Vitreous plumbing fixtures -----	93.9	54.4	20.0	19.5	98.3	60.6	20.1	17.6	2	2	1	3
3262	Vitreous china table and kitchenware -----	94.0	47.2	33.4	13.3	102.3	48.1	37.3	16.9	1	1	1	4
3263	Semivitreous table and kitchenware -----	4.3	1.3	2.2	.8	4.2	1.3	2.1	.8	1	1	1	1
3264	Porcelain electrical supplies -----	144.7	51.8	50.1	42.9	142.5	51.4	47.0	44.1	1	1	1	1
3269	Pottery products, n.e.c. -----	104.8	54.6	21.4	28.7	99.5	55.2	18.6	25.7	3	3	2	9
327	Concrete, gypsum, and plaster products -----	1 707.2	966.8	88.9	651.5	1 670.7	943.2	93.7	633.9	2	2	4	2
3271	Concrete block and brick -----	282.3	250.5	2.1	29.7	283.2	251.9	2.0	29.2	4	2	21	33
3272	Concrete products, n.e.c. -----	742.0	500.3	58.4	183.4	710.4	480.9	60.3	169.2	2	3	5	3
3273	Ready-mixed concrete -----	446.4	150.0	12.3	284.1	436.2	142.8	12.5	281.0	2	3	4	2
3274	Lime -----	99.3	22.4	9.6	67.3	102.3	23.8	10.1	68.4	2	2	1	3
3275	Gypsum products -----	137.2	43.6	6.5	87.1	138.7	43.8	8.7	86.2	2	1	10	3
328	Cut stone and stone products -----	150.8	90.6	25.9	34.3	158.8	92.0	26.6	40.2	4	3	5	9
3281	Cut stone and stone products -----	150.8	90.6	25.9	34.3	158.8	92.0	26.6	40.2	4	3	5	9
329	Miscellaneous nonmetallic mineral products -----	1 396.2	621.7	309.9	464.6	1 410.6	618.8	302.7	489.1	2	2	2	2
3291	Abrasive products -----	572.7	231.6	216.8	124.3	593.1	236.7	209.0	147.4	2	2	3	5
3292	Asbestos products -----	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)	(X)	(X)
3295	Minerals, ground or treated -----	236.1	79.6	27.4	129.1	220.8	70.2	29.8	120.8	2	3	10	2
3296	Mineral wool -----	227.3	128.2	15.0	84.1	238.0	135.9	15.0	87.1	1	2	1	2
3297	Nonclay refractories -----	236.5	120.5	29.7	86.3	236.3	115.3	28.6	92.3	5	6	5	6
3299	Nonmetallic mineral products, n.e.c. -----	118.7	59.3	20.8	38.7	114.1	55.9	19.5	38.7	5	7	5	10

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1993—Con.**

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1993				Beginning of 1993 <sup>2</sup>				Standard error of estimate <sup>3</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
<b>33</b>	<b>Primary metal industries</b>	<b>20 007.3</b>	<b>6 312.6</b>	<b>6 926.8</b>	<b>6 767.8</b>	<b>20 078.4</b>	<b>6 299.2</b>	<b>7 113.6</b>	<b>6 665.6</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
331	Blast furnace and basic steel products	10 160.0	3 365.4	3 278.7	3 515.8	10 108.7	3 360.2	3 241.0	3 507.6	1	1	1	1
3312	Blast furnaces and steel mills	7 208.2	2 378.7	2 439.7	2 389.7	7 222.6	2 413.0	2 364.3	2 445.3	1	1	1	1
3313	Electrometallurgical products	246.9	107.8	53.5	85.7	279.7	121.4	58.7	99.6	1	1	1	1
3315	Steel wire and related products	682.5	245.6	135.2	301.7	601.2	235.7	130.7	234.8	3	2	2	5
3316	Cold finishing of steel shapes	1 014.1	276.2	413.5	324.4	1 065.4	261.7	446.6	357.1	1	1	1	1
3317	Steel pipe and tubes	1 008.3	357.1	236.8	414.3	939.8	328.4	240.6	370.8	1	3	1	1
332	Iron and steel foundries	1 376.0	510.7	420.1	445.2	1 417.3	519.6	448.3	449.4	1	2	3	1
3321	Gray and ductile iron foundries	845.3	386.5	178.0	280.7	833.7	393.8	160.3	279.5	1	2	2	1
3322	Malleable iron foundries	23.0	4.4	10.1	8.5	19.5	3.9	9.2	6.5	4	10	4	3
3324	Steel investment foundries	243.5	35.7	141.6	66.3	302.9	40.4	184.9	77.7	2	2	2	3
3325	Steel foundries, n.e.c.	264.2	84.1	90.5	89.7	261.2	81.5	93.9	85.8	5	5	12	3
333	Primary nonferrous metals	1 329.0	257.8	482.7	588.5	1 440.3	255.6	549.4	635.3	1	1	1	1
3331	Primary copper	425.7	56.0	248.5	121.2	483.0	56.3	292.1	134.5	1	1	1	1
3334	Primary aluminum	575.3	86.4	134.8	354.0	608.6	82.8	146.6	379.3	1	1	1	1
3339	Primary nonferrous metals, n.e.c.	328.1	115.5	99.3	113.3	348.7	116.5	110.6	121.6	3	1	3	5
334	Secondary nonferrous metals	651.6	261.9	216.5	173.2	591.8	248.8	185.7	157.2	6	7	10	10
3341	Secondary nonferrous metals	651.6	261.9	216.5	173.2	591.8	248.8	185.7	157.2	6	7	10	10
335	Nonferrous rolling and drawing	5 205.1	1 548.1	2 095.5	1 561.4	5 266.0	1 566.6	2 247.1	1 452.2	1	2	1	2
3351	Copper rolling and drawing	555.6	113.1	257.6	184.9	685.7	149.1	339.2	197.4	2	21	6	13
3353	Aluminum sheet, plate, and foil	1 451.8	356.4	758.2	337.2	1 531.2	363.5	841.8	325.9	2	1	1	4
3354	Aluminum extruded products	447.4	92.2	139.4	215.8	410.4	84.9	123.5	202.0	2	2	1	3
3355	Aluminum rolling and drawing, n.e.c.	62.3	33.9	13.9	14.6	66.1	35.9	14.8	15.4	1	1	1	3
3356	Nonferrous rolling and drawing, n.e.c.	920.0	121.5	442.4	356.1	836.8	112.3	454.0	270.5	1	2	1	1
3357	Nonferrous wiredrawing and insulating	1 767.9	831.1	484.0	452.8	1 735.7	821.0	473.7	441.1	1	1	1	1
336	Nonferrous foundries (castings)	660.2	167.8	251.3	241.1	651.3	159.1	260.3	231.9	2	4	2	2
3363	Aluminum die-castings	239.6	64.9	79.4	95.2	204.6	55.0	69.0	80.7	2	2	4	2
3364	Nonferrous die-castings, except aluminum	96.4	30.0	36.5	29.8	100.6	30.6	40.6	29.4	6	12	9	6
3365	Aluminum foundries	187.3	38.8	79.1	69.5	179.3	40.4	73.2	65.7	3	10	3	3
3366	Copper foundries	80.0	31.1	21.5	27.4	78.5	28.1	22.4	28.0	3	6	10	6
3369	Nonferrous foundries, n.e.c.	57.0	3.0	34.8	19.2	88.3	5.1	55.1	28.2	2	5	1	3
339	Miscellaneous primary metal products	625.4	200.9	182.0	242.5	602.9	189.2	181.8	231.9	2	3	2	3
3398	Metal heat treating	233.0	61.3	61.1	110.7	219.5	58.9	57.2	103.5	3	4	4	3
3399	Primary metal products, n.e.c.	392.4	139.6	121.0	131.8	383.4	130.3	124.7	128.4	2	4	3	4
<b>34</b>	<b>Fabricated metal products</b>	<b>23 490.2</b>	<b>7 750.9</b>	<b>7 023.0</b>	<b>8 716.3</b>	<b>23 621.2</b>	<b>7 831.4</b>	<b>7 243.8</b>	<b>8 546.0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
341	Metal cans and shipping containers	1 517.6	696.4	222.1	599.1	1 630.1	814.8	227.9	587.4	2	3	3	2
3411	Metal cans	1 391.8	679.6	208.9	503.3	1 499.3	800.6	213.7	485.0	2	3	2	1
3412	Metal barrels, drums, and pails	125.7	16.7	13.3	95.8	130.8	14.2	14.2	102.3	7	5	29	10
342	Cutlery, handtools, and hardware	2 464.5	932.1	814.2	718.2	2 462.3	920.0	795.8	746.6	2	2	2	3
3421	Cutlery	237.0	101.4	64.0	71.6	258.6	104.4	66.3	87.9	4	3	3	7
3423	Hand and edge tools, n.e.c.	747.7	354.7	219.9	173.1	746.2	342.1	226.7	177.4	2	3	2	4
3425	Saw blades and handsaws	189.1	75.8	42.6	70.7	196.5	76.4	40.7	79.4	18	19	7	24
3429	Hardware, n.e.c.	1 290.7	400.2	487.7	402.8	1 261.0	397.1	462.2	401.8	1	2	2	2
343	Plumbing and heating, except electric	959.9	369.8	261.1	329.1	947.1	352.2	267.1	327.9	3	5	4	4
3431	Metal sanitary ware	114.9	40.2	34.7	40.0	129.4	46.6	39.2	43.5	11	33	3	22
3432	Plumbing fixture fittings and trim	467.1	199.7	141.9	125.5	421.2	165.4	131.8	124.1	4	6	7	4
3433	Heating equipment, except electric	377.9	129.8	84.5	163.6	396.5	140.2	96.1	160.3	2	2	5	3
344	Fabricated structural metal products	6 134.6	1 468.5	1 901.3	2 764.8	6 112.3	1 405.3	2 001.0	2 705.9	2	2	2	2
3441	Fabricated structural metal	1 018.9	227.2	404.6	387.1	1 122.8	193.5	509.3	419.9	4	8	4	4
3442	Metal doors, sash, and trim	882.0	251.6	133.6	496.7	871.0	253.6	140.2	477.3	2	2	3	3
3443	Fabricated plate work (boiler shops)	1 344.0	198.5	638.8	506.7	1 376.0	201.2	661.7	513.1	2	4	2	3
3444	Sheet metal work	1 711.0	465.7	460.4	784.9	1 662.9	448.2	463.8	750.9	3	4	3	4
3446	Architectural metal work	330.8	103.0	96.7	131.1	307.8	104.1	77.2	126.5	5	6	10	5
3448	Prefabricated metal buildings	333.1	67.6	73.2	192.2	318.0	70.4	68.2	179.4	5	8	6	5
3449	Miscellaneous metal work	514.9	154.9	94.0	266.0	453.8	134.3	80.7	238.8	2	3	4	3
345	Screw machine products, bolts, etc.	1 479.0	686.3	420.8	371.8	1 487.0	690.4	421.8	374.8	2	2	3	3
3451	Screw machine products	515.4	193.3	182.0	140.0	498.8	191.4	173.5	133.9	3	3	3	5
3452	Bolts, nuts, rivets, and washers	963.6	493.0	238.8	231.8	988.2	499.0	248.3	240.9	3	2	4	4
346	Metal forgings and stampings	3 399.4	794.7	1 332.8	1 271.9	3 205.1	799.9	1 275.5	1 129.7	1	2	1	2
3462	Iron and steel forgings	599.6	86.0	288.8	224.8	570.5	89.6	280.9	200.0	3	4	3	5
3463	Nonferrous forgings	234.1	32.0	155.4	46.6	246.9	61.2	132.7	53.0	3	14	3	3
3465	Automotive stampings	1 152.6	188.5	534.4	429.7	1 047.5	169.9	517.6	360.0	2	4	2	3
3466	Crowns and closures	125.8	60.5	24.2	41.1	132.0	64.9	30.0	37.0	2	2	4	2
3469	Metal stampings, n.e.c.	1 287.4	427.6	330.1	529.7	1 208.2	414.3	314.3	479.6	2	2	2	2
347	Metal services, n.e.c.	946.7	295.6	172.9	478.3	910.2	278.6	164.2	467.5	2	3	4	3
3471	Plating and polishing	391.6	142.6	61.0	188.0	374.1	129.6	60.4	184.2	5	5	9	6
3479	Metal coating and allied services	555.2	153.0	111.9	290.3	536.1	149.0	103.8	283.3	2	2	3	2
348	Ordnance and accessories, n.e.c.	968.2	207.9	482.7	277.5	1 198.3	226.2	667.9	304.1	2	2	2	3
3482	Small arms ammunition	201.3	91.6	54.2	55.5	218.6	93.9	66.4	58.3	1	2	1	1
3483	Ammunition, except for small arms, n.e.c.	332.4	11.0	213.1	108.3	479.7	9.0	347.8	122.9	1	1	1	1
3484	Small arms	350.5	100.0	149.6	100.9	369.1	116.4	147.8	104.9	2	4	3	7
3489	Ordnance and accessories, n.e.c.	84.0	5.3	65.8	12.9	130.8	6.9	105.9	18.0	15	42	9	41
349	Miscellaneous fabricated metal products	5 620.4	2 299.6	1 415.1	1 905.7	5 668.9	2 344.1	1 422.6	1 902.2	1	1	2	2
3491	Industrial valves	1 639.8	628.9	507.8	503.1	1 687.3	698.1	489.1	500.2	2	2	2	3
3492	Fluid power valves and hose fittings	879.1	412.5	236.4	230.2	864.8	388.5	229.9	246.5	2	1	6	2
3493	Steel springs, except wire	81.1	43.2	13.0	24.9	79.0	42.5	11.9	24.7	1	2	3	3
3494	Valves and pipe fittings, n.e.c.	424.2	223.9	82.8	117.5	420.8	225.3	84.6	110.9	3	3	3	6
3495	Wire springs	169.3	79.4	26.5	63.3	153.6	74.0	24.7	55.0	5	5	5	6
3496	Miscellaneous fabricated wire products	569.3	254.6	98.4	216.2	561.6	252.8	99.9	208.9	3	4	5	4
3497	Metal foil and leaf	425.3	178.2	78.5	168.6	441.3	189.8	82.5	169.0	1	2	5	2
3498	Fabricated pipe and fittings	466.4	169.0	100.6	196.8	488.5	171.6	128.2	188.7	5	4	21	3
3499	Fabricated metal products, n.e.c.	965.9	309.9	271.1	385.0	971.8							

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1993—Con.**

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1993				Beginning of 1993 <sup>2</sup>				Standard error of estimate <sup>3</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.				
		A	B	C	D	E	F	G	H	A	B	C	D
<b>35</b>	<b>Industrial machinery and equipment</b> .....	<b>47 307.6</b>	<b>14 107.2</b>	<b>18 769.9</b>	<b>14 430.5</b>	<b>45 049.5</b>	<b>14 114.8</b>	<b>17 335.3</b>	<b>13 599.5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
351	Engines and turbines .....	3 269.1	688.2	2 087.9	493.1	2 963.3	673.0	1 816.6	473.7	1	1	1	1
3511	Turbines and turbine generator sets .....	1 818.2	246.0	1 410.9	161.3	1 573.2	188.8	1 209.2	175.1	1	1	1	1
3519	Internal combustion engines, n.e.c. ....	1 451.0	442.2	677.0	331.8	1 390.1	484.2	607.4	298.6	1	1	1	1
352	Farm and garden machinery .....	2 642.4	1 243.0	601.1	798.3	2 425.9	1 165.6	546.6	713.6	1	2	2	4
3523	Farm machinery and equipment .....	1 732.4	686.1	491.0	555.3	1 606.5	671.3	446.9	488.3	2	3	2	6
3524	Lawn and garden equipment .....	910.0	556.9	110.1	243.0	819.4	494.4	99.7	225.3	1	1	1	3
353	Construction and related machinery .....	6 320.7	2 288.1	1 874.0	2 158.6	6 265.4	2 309.4	1 896.0	2 060.0	1	2	3	2
3531	Construction machinery .....	3 160.0	1 039.0	1 077.1	2 104.9	3 005.1	1 030.7	999.7	999.2	2	2	4	3
3532	Mining machinery .....	476.9	190.6	110.2	176.2	431.9	218.5	98.7	114.6	1	9	11	1
3533	Oil and gas field machinery .....	1 242.5	749.2	218.1	275.2	1 305.7	789.7	240.5	275.6	2	2	2	4
3534	Elevators and moving stairways .....	137.8	20.5	66.5	50.7	138.9	20.6	70.7	47.6	2	2	3	2
3535	Conveyors and conveying equipment .....	506.4	101.1	168.8	236.5	549.8	104.7	224.1	221.0	4	2	11	2
3536	Hoists, cranes, and monorails .....	235.0	50.1	102.6	82.3	234.6	47.1	105.9	81.5	2	3	5	3
3537	Industrial trucks and tractors .....	562.1	137.5	130.7	293.8	599.4	154.1	125.3	320.0	2	1	6	2
354	Metalworking machinery .....	5 471.6	1 458.1	2 782.5	1 230.9	5 250.7	1 498.5	2 570.9	1 181.3	1	2	2	2
3541	Machine tools, metal cutting types .....	1 220.6	274.3	678.1	268.2	1 208.1	282.2	670.0	255.9	2	5	2	4
3542	Machine tools, metal forming types .....	445.0	115.1	238.4	91.5	447.0	126.5	233.9	86.6	2	2	4	3
3543	Industrial patterns .....	50.9	4.7	36.0	10.2	43.1	4.5	29.8	8.9	9	8	12	12
3544	Special dies, tools, jigs, and fixtures .....	1 322.7	180.0	871.9	270.8	1 223.4	208.5	779.6	235.4	3	7	3	5
3545	Machine tool accessories .....	788.7	380.8	243.3	164.6	784.6	365.0	253.3	166.3	3	5	6	6
3546	Power-driven handtools .....	428.1	204.8	90.6	132.7	418.6	211.6	83.9	123.1	2	2	6	1
3547	Rolling mill machinery .....	125.3	11.8	89.6	23.9	123.4	16.3	84.2	22.8	2	10	2	3
3548	Welding apparatus .....	680.2	221.7	261.1	197.4	631.0	217.8	197.4	215.9	3	3	10	7
3549	Metalworking machinery, n.e.c. ....	410.0	64.9	273.4	71.7	371.6	66.2	238.9	66.4	5	9	7	4
355	Special industry machinery .....	5 065.7	1 289.0	2 004.0	1 772.7	4 922.3	1 214.6	1 960.1	1 747.6	1	2	2	1
3552	Textile machinery .....	514.3	124.3	229.1	160.9	488.1	125.0	210.9	152.2	2	11	3	2
3553	Woodworking machinery .....	190.0	77.9	64.4	47.6	155.5	62.5	52.3	40.7	8	15	7	12
3554	Paper industries machinery .....	537.8	166.8	217.3	153.7	534.1	142.8	235.5	157.7	3	6	5	3
3555	Printing trades machinery .....	713.0	150.3	256.3	306.5	714.3	142.4	262.9	309.0	3	5	4	3
3556	Food products machinery .....	516.1	164.5	143.1	208.4	500.9	156.6	142.4	201.9	2	5	4	2
3559	Special industry machinery, n.e.c. ....	2 594.5	605.2	1 093.8	895.6	2 529.4	585.3	1 058.0	886.1	2	2	3	2
356	General industrial machinery .....	6 602.2	2 469.0	2 121.2	2 012.0	6 604.5	2 162.7	1 986.2	2 288.8	2	2	2	2
3561	Pumps and pumping equipment .....	1 170.9	477.8	369.4	323.8	1 170.4	477.5	356.0	337.0	2	2	2	2
3562	Ball and roller bearings .....	841.5	308.2	281.7	251.6	867.1	314.3	244.5	224.5	2	3	2	2
3563	Air and gas compressors .....	1 053.7	469.0	338.6	246.1	1 098.3	497.8	354.4	246.1	2	1	2	4
3564	Blowers and fans .....	390.9	89.7	111.4	189.8	368.2	84.9	111.4	171.9	3	6	2	3
3565	Packaging machinery .....	753.3	214.5	262.5	276.3	776.2	214.4	292.0	269.8	8	11	11	7
3566	Speed changers, drives, and gears .....	409.3	177.4	151.1	80.9	407.0	176.1	148.0	82.9	1	1	3	1
3567	Industrial furnaces and ovens .....	345.0	47.5	140.9	156.6	308.6	44.8	117.1	146.7	6	5	11	4
3568	Power transmission equipment, n.e.c. ....	564.7	290.1	145.0	129.6	545.7	268.3	150.0	127.4	3	2	6	5
3569	General industrial machinery, n.e.c. ....	1 072.9	395.0	320.7	357.3	1 062.9	383.0	319.5	360.5	3	2	6	6
357	Computer and office equipment .....	10 578.0	2 480.0	4 427.4	3 670.5	9 534.9	2 643.6	3 672.0	3 219.3	1	1	1	1
3571	Electronic computers .....	6 162.5	1 380.1	2 694.5	2 087.8	5 326.8	1 466.8	2 067.8	1 792.3	1	1	1	1
3572	Computer storage devices .....	1 302.0	242.5	667.1	392.5	1 278.0	355.6	544.4	377.9	1	1	1	1
3575	Computer terminals .....	306.9	59.5	113.9	133.5	305.3	76.2	108.6	120.5	7	8	7	7
3577	Computer peripheral equipment, n.e.c. ....	1 841.7	443.1	624.7	773.9	1 715.7	432.8	636.1	646.9	2	3	1	2
3578	Calculating and accounting equipment .....	178.4	43.4	60.1	74.8	173.2	39.8	71.8	71.6	5	12	2	6
3579	Office machines, n.e.c. ....	786.5	311.5	267.2	207.9	735.9	272.4	253.4	210.1	1	1	1	1
358	Refrigeration and service machinery .....	3 856.7	1 468.2	972.3	1 416.1	3 733.4	1 450.1	927.0	1 356.3	2	2	4	2
3581	Automatic vending machines .....	168.5	69.9	37.3	61.3	163.5	68.1	36.1	59.3	1	1	1	1
3582	Commercial laundry equipment .....	91.3	16.0	30.2	45.1	84.9	16.1	26.2	42.6	2	1	2	1
3585	Refrigeration and heating equipment .....	2 470.3	1 032.1	583.4	854.8	2 455.9	1 056.8	599.8	799.3	1	2	2	2
3586	Measuring and dispensing pumps .....	174.3	61.7	53.3	59.3	149.6	38.1	46.6	64.9	9	29	9	22
3589	Service industry machinery, n.e.c. ....	952.4	288.6	268.2	395.7	879.4	270.9	218.3	390.2	5	3	13	5
359	Industrial machinery, n.e.c. ....	3 501.2	723.5	1 899.4	878.3	3 349.2	704.9	1 783.4	860.8	2	2	3	3
3592	Carburetors, pistons, rings, and valves .....	245.4	76.7	92.4	76.4	227.8	71.5	81.3	74.9	1	1	1	1
3593	Fluid power cylinders and actuators .....	395.1	87.4	193.7	114.0	413.7	92.8	185.5	135.4	2	1	1	3
3594	Fluid power pumps and motors .....	256.0	78.7	116.0	61.2	256.6	81.5	114.9	60.2	1	1	2	2
3596	Scales and balances, except laboratory .....	133.4	34.2	53.8	45.5	119.5	31.8	47.1	40.6	10	7	12	10
3599	Industrial machinery, n.e.c. ....	2 471.2	446.5	1 443.5	581.2	2 331.6	427.2	1 354.7	549.7	2	4	3	4
<b>36</b>	<b>Electronic and other electric equipment</b> .....	<b>31 518.2</b>	<b>8 199.2</b>	<b>12 273.0</b>	<b>11 046.1</b>	<b>30 511.7</b>	<b>7 693.0</b>	<b>12 306.6</b>	<b>10 512.0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
361	Electric distribution equipment .....	1 198.1	275.2	403.4	519.5	1 211.0	293.3	402.4	515.3	2	5	6	5
3612	Transformers, except electronic .....	510.0	113.3	177.9	218.8	503.1	111.8	176.7	214.5	2	2	3	2
3613	Switchgear and switchboard apparatus .....	688.1	161.9	225.5	300.7	708.0	181.6	225.6	300.8	2	9	10	8
362	Electrical industrial apparatus .....	3 282.4	866.0	1 221.8	1 194.7	3 302.8	897.2	1 178.3	1 227.3	1	3	3	3
3621	Motors and generators .....	1 159.5	360.2	406.1	393.1	1 162.3	375.6	393.7	393.0	1	1	1	1
3624	Carbon and graphite products .....	318.8	92.2	145.7	80.8	339.1	97.4	149.5	92.1	2	3	3	6
3625	Relays and industrial controls .....	1 414.9	312.2	550.1	552.6	1 430.1	330.1	526.4	573.6	3	7	6	5
3629	Electrical industrial apparatus, n.e.c. ....	389.3	101.4	119.7	168.1	371.3	94.0	108.7	168.6	2	3	4	3
363	Household appliances .....	2 284.1	1 332.3	326.5	625.3	2 067.7	1 154.8	325.3	587.7	1	1	1	2
3631	Household cooking equipment .....	483.2	299.2	67.0	117.0	427.8	235.6	68.7	123.6	1	1	1	1
3632	Household refrigerators and freezers .....	493.2	331.8	48.0	113.4	454.1	316.5	40.4	97.2	1	1	1	1
3633	Household laundry equipment .....	338.6	221.1	43.3	74.2	262.0	163.8	40.0	58.1	1	1	1	1
3634	Electric housewares and fans .....	471.5	223.7	80.9	166.9	481.4	233.0	68.0	180.4	1	2	2	1
3635	Household vacuum cleaners .....	236.4	128.9	51.3	56.2	231.3	114.5	68.5	48.3	7	8	2	12
3639	Household appliances, n.e.c. ....	261.4	127.6	36.0	97.8	211.3	91.6	39.7	80.0	1	1	1	1
364	Electric lighting and wiring equipment .....	2 976.8	1 121.5	595.7	1 259.6	2 976.3	1 181.5	594.8	1 200.0	1	2	2	2
3641	Electric lamp bulbs and tubes .....	306.7	129.2	22.9	154.6	321.6	138.4	21.5	161.8	1	2	5	2
3643	Current-carrying wiring devices .....	789.5	282.1	221.7	285.7	780.4	292.4	224.8	263.2	1	4	4	2
3644	Noncurrent-carrying wiring devices .....	538.0											



**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1993—Con.**

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1993				Beginning of 1993 <sup>2</sup>				Standard error of estimate <sup>3</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H	A	B	C	D
<b>36</b>	<b>Electronic and other electric equipment—Con.</b>												
366	Communications equipment.....	7 299.9	1 628.5	2 942.1	2 729.4	6 632.3	1 424.7	2 624.8	2 582.9	1	2	2	2
3661	Telephone and telegraph apparatus .....	2 839.4	669.5	957.6	1 212.3	2 661.0	589.1	985.2	1 086.7	2	2	1	3
3663	Radio and television communications equipment .....	3 912.1	781.7	1 864.6	1 265.8	3 425.7	659.2	1 521.1	1 245.4	1	3	2	2
3669	Communications equipment, n.e.c. ....	548.4	177.3	119.8	251.2	545.6	176.4	118.5	250.8	2	2	2	2
367	Electronic components and accessories .....	10 595.6	1 917.7	5 486.0	3 191.9	10 633.4	1 721.9	5 979.1	2 932.4	1	1	1	1
3671	Electron tubes .....	415.2	116.2	146.2	152.8	462.3	131.7	133.5	147.5	1	1	1	1
3672	Printed circuit boards .....	804.5	122.2	423.8	258.4	911.4	102.8	509.7	298.9	3	5	2	7
3674	Semiconductors and related devices.....	3 576.1	698.4	1 952.2	925.5	3 179.9	608.4	1 791.0	780.5	1	2	1	1
3675	Electronic capacitors.....	266.2	84.6	88.1	93.6	256.4	75.9	92.4	88.2	2	2	2	2
3676	Electronic resistors .....	162.9	60.0	51.8	51.1	155.3	58.1	47.6	49.5	3	2	7	3
3677	Electronic coils and transformers.....	176.8	31.8	44.9	100.1	175.9	31.5	46.0	98.3	6	7	6	6
3678	Electronic connectors .....	644.3	187.9	254.6	201.8	629.2	176.6	263.6	189.0	1	2	1	2
3679	Electronic components, n.e.c. ....	4 549.6	616.6	2 524.4	1 408.6	4 912.7	536.9	3 095.3	1 280.5	1	3	1	2
369	Miscellaneous electrical equipment and supplies .....	2 925.3	752.8	1 123.1	1 049.4	2 741.6	689.1	1 052.9	999.5	2	2	2	2
3691	Storage batteries .....	440.0	179.5	150.7	109.9	462.3	163.6	170.4	128.4	2	2	3	2
3692	Primary batteries, dry and wet .....	172.2	32.3	64.6	75.4	159.4	30.6	59.3	69.5	1	1	1	1
3694	Engine electrical equipment.....	811.1	244.0	217.7	349.4	720.1	228.5	189.9	301.7	4	4	7	4
3695	Magnetic and optical recording media .....	387.7	130.4	82.8	174.5	362.3	113.7	71.1	177.6	1	2	1	1
3699	Electrical equipment and supplies, n.e.c. ....	1 114.2	166.5	607.3	340.3	1 037.5	152.9	562.2	322.4	2	5	1	3
<b>37</b>	<b>Transportation equipment .....</b>	<b>61 356.1</b>	<b>7 065.9</b>	<b>41 084.9</b>	<b>13 205.3</b>	<b>58 826.6</b>	<b>7 724.8</b>	<b>38 743.4</b>	<b>12 358.3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
371	Motor vehicles and equipment .....	13 594.7	2 639.2	4 668.7	6 286.7	12 894.3	2 812.1	4 305.8	5 776.3	1	1	1	1
3711	Motor vehicles and car bodies .....	4 253.5	457.7	1 588.8	2 207.0	4 104.5	607.9	1 533.6	1 963.0	1	1	1	1
3713	Truck and bus bodies .....	794.4	154.8	239.9	399.7	733.9	133.9	267.3	337.2	2	3	4	3
3714	Motor vehicle parts and accessories.....	7 576.4	1 837.2	2 598.3	3 140.9	7 105.6	1 850.8	2 264.1	2 990.8	1	2	1	1
3715	Truck trailers .....	477.8	63.7	97.6	316.5	445.1	75.0	83.6	286.6	2	3	3	2
3716	Motor homes .....	492.6	125.7	144.2	222.7	505.1	144.5	157.3	203.3	2	3	1	4
372	Aircraft and parts .....	39 439.3	3 473.4	30 880.1	5 085.8	37 430.4	3 978.3	28 499.6	4 952.6	1	1	1	1
3721	Aircraft .....	30 153.5	1 388.6	25 391.4	3 373.6	27 150.4	1 547.0	22 490.2	3 113.2	1	1	1	1
3724	Aircraft engines and engine parts .....	4 312.3	1 236.2	2 061.2	1 014.9	4 310.4	1 403.4	1 867.9	1 039.1	1	1	1	3
3728	Aircraft parts and equipment, n.e.c. ....	4 973.5	848.6	3 427.6	697.4	5 969.7	1 027.9	4 141.5	800.3	1	1	1	2
373	Ship and boat building and repairing .....	1 899.2	249.5	1 142.5	507.2	1 962.3	265.2	1 198.4	498.7	2	4	2	2
3731	Ship building and repairing .....	1 190.9	32.1	947.7	211.1	1 279.0	32.6	1 030.0	216.4	2	2	2	4
3732	Boat building and repairing .....	708.3	217.4	194.8	296.2	683.3	232.7	168.4	282.2	3	5	8	3
374	Railroad equipment .....	1 102.9	285.6	490.2	327.1	991.9	293.1	444.4	254.4	2	4	2	3
3743	Railroad equipment .....	1 102.9	285.6	490.2	327.1	991.9	293.1	444.4	254.4	2	4	2	3
375	Motorcycles, bicycles, and parts .....	283.9	135.9	52.7	95.3	234.8	93.7	49.9	91.3	1	1	1	1
3751	Motorcycles, bicycles, and parts .....	283.9	135.9	52.7	95.3	234.8	93.7	49.9	91.3	1	1	1	1
376	Guided missiles, space vehicles, parts .....	3 931.3	40.9	3 363.6	526.7	4 267.0	47.7	3 788.7	430.6	1	1	1	1
3761	Guided missiles and space vehicles .....	3 039.3	(D)	2 631.2	(D)	2 768.0	(D)	2 468.4	(D)	1	(X)	1	(X)
3764	Space propulsion units and parts .....	442.5	(D)	329.7	(D)	1 101.3	(D)	973.3	(D)	1	(X)	1	(X)
3769	Space vehicle equipment, n.e.c. ....	449.6	(D)	402.7	(D)	397.6	(D)	347.0	(D)	1	(X)	1	(X)
379	Miscellaneous transportation equipment.....	1 104.9	241.3	487.1	376.5	1 045.9	234.7	456.7	354.5	1	3	1	2
3792	Travel trailers and campers .....	210.6	90.8	24.6	95.2	210.3	94.9	21.3	94.1	2	3	5	3
3795	Tanks and tank components .....	413.2	3.4	381.8	28.0	401.7	8.7	363.9	29.1	1	2	1	1
3799	Transportation equipment, n.e.c. ....	481.1	147.2	80.6	253.3	433.9	131.2	71.5	231.2	2	3	4	2
<b>38</b>	<b>Instruments and related products .....</b>	<b>23 320.9</b>	<b>6 105.2</b>	<b>10 414.0</b>	<b>6 801.8</b>	<b>23 758.3</b>	<b>6 012.9</b>	<b>10 887.1</b>	<b>6 858.3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
381	Search and navigation equipment .....	6 261.3	276.0	5 180.5	804.8	7 109.2	268.8	5 860.0	980.4	1	3	1	3
3812	Search and navigation equipment .....	6 261.3	276.0	5 180.5	804.8	7 109.2	268.8	5 860.0	980.4	1	3	1	3
382	Measuring and controlling devices.....	6 658.9	1 760.4	2 273.6	2 625.0	6 669.0	1 764.8	2 328.1	2 576.2	1	2	1	2
3821	Laboratory apparatus and furniture .....	400.3	146.1	80.0	174.3	377.9	126.5	89.5	161.8	2	2	5	3
3822	Environmental controls .....	413.1	134.6	162.8	115.7	419.3	140.9	167.3	111.0	4	3	3	7
3823	Process control instruments .....	1 231.2	306.7	385.4	539.1	1 228.0	286.2	405.1	536.6	2	2	3	2
3824	Fluid meters and counting devices.....	278.5	49.5	119.2	109.8	289.4	53.9	119.0	116.5	1	1	1	1
3825	Instruments to measure electricity .....	1 736.1	390.6	675.8	669.8	1 751.7	410.5	704.9	636.3	2	3	2	2
3826	Analytical instruments .....	1 085.2	381.3	233.0	470.9	1 075.7	374.7	252.3	448.7	4	4	5	3
3827	Optical instruments and lenses.....	539.6	109.6	284.6	145.4	543.2	123.4	268.4	151.5	2	2	2	3
3829	Measuring and controlling devices, n.e.c. ....	974.7	242.0	332.8	399.9	983.8	248.6	321.5	413.8	2	6	4	5
384	Medical instruments and supplies .....	7 024.4	2 913.0	1 721.5	2 389.9	7 020.8	2 921.3	1 686.9	2 412.7	1	1	2	1
3841	Surgical and medical instruments .....	2 359.9	1 001.5	557.0	801.4	2 285.2	954.6	528.9	801.8	2	2	4	2
3842	Surgical appliances and supplies .....	2 363.1	1 064.2	503.3	795.6	2 396.5	1 084.7	519.6	792.3	1	1	1	2
3843	Dental equipment and supplies.....	355.5	146.5	103.2	105.8	340.6	146.5	98.2	95.9	3	2	2	7
3844	X-ray apparatus and tubes.....	623.1	192.7	227.1	203.3	658.2	205.5	229.5	223.2	1	1	1	1
3845	Electromedical equipment .....	1 322.8	508.1	330.9	483.8	1 340.2	530.1	310.6	499.5	1	1	2	2
385	Ophthalmic goods .....	565.1	368.7	84.3	112.1	541.5	351.8	73.5	116.3	2	2	2	2
3851	Ophthalmic goods .....	565.1	368.7	84.3	112.1	541.5	351.8	73.5	116.3	2	2	2	2
386	Photographic equipment and supplies.....	2 636.1	697.9	1 106.2	832.0	2 239.5	614.9	889.6	735.0	1	1	1	1
3861	Photographic equipment and supplies.....	2 636.1	697.9	1 106.2	832.0	2 239.5	614.9	889.6	735.0	1	1	1	1
387	Watches, clocks, watchcases, and parts .....	175.2	89.2	48.0	38.1	178.2	91.3	49.1	37.8	2	2	1	7
3873	Watches, clocks, watchcases, and parts .....	175.2	89.2	48.0	38.1	178.2	91.3	49.1	37.8	2	2	1	7

See footnotes at end of table.

**Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1993—Con.**

[Million dollars. For meaning of abbreviations and symbols and explanation of terms, see introductory text]

SIC code	Industry group and industry	End of 1993				Beginning of 1993 <sup>2</sup>				Standard error of estimate <sup>3</sup> (percent) for column—			
		Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total <sup>1</sup>	Finished products	Work-in-process	Materials, supplies, fuels, etc.	A	B	C	D
		A	B	C	D	E	F	G	H				
<b>39</b>	<b>Miscellaneous manufacturing industries .....</b>	<b>7 122.1</b>	<b>3 195.0</b>	<b>1 369.4</b>	<b>2 557.8</b>	<b>6 891.8</b>	<b>3 082.3</b>	<b>1 302.8</b>	<b>2 506.6</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>
391	Jewelry, silverware, and plated ware .....	1 399.9	726.2	220.3	453.3	1 328.6	694.6	200.4	433.5	2	3	4	3
3911	Jewelry, precious metal .....	975.4	472.0	151.6	351.7	929.4	450.2	138.4	340.9	3	3	5	3
3914	Silverware and plated ware .....	205.7	145.1	28.1	32.4	195.2	140.3	27.1	27.8	5	5	13	7
3915	Jewelers' materials and lapidary work .....	218.9	109.1	40.6	69.2	204.0	104.2	35.0	64.8	2	2	4	4
393	Musical instruments .....	268.5	78.8	102.0	87.6	259.5	79.7	95.9	84.0	1	2	2	1
3931	Musical instruments .....	268.5	78.8	102.0	87.6	259.5	79.7	95.9	84.0	1	2	2	1
394	Toys and sporting goods .....	2 156.0	1 050.6	344.2	761.3	2 090.1	1 009.3	342.4	738.5	2	2	3	2
3942	Dolls and stuffed toys .....	58.5	33.6	8.6	16.4	59.8	32.9	8.5	18.4	6	3	4	17
3944	Games, toys, and children's vehicles .....	649.3	295.2	111.8	242.3	584.8	255.5	109.8	219.4	2	2	2	3
3949	Sporting and athletic goods, n.e.c. ....	1 448.3	721.8	223.9	502.6	1 445.6	720.8	224.1	500.6	3	3	5	2
395	Pens, pencils, office, and art supplies .....	604.9	267.0	116.2	221.6	642.2	290.1	119.3	232.8	3	2	2	5
3951	Pens and mechanical pencils .....	250.8	102.8	60.0	88.0	277.7	114.3	65.0	98.4	2	4	2	3
3952	Lead pencils and art goods .....	199.5	104.4	36.2	58.9	198.8	104.9	34.8	59.1	1	1	1	2
3953	Marking devices .....	56.2	24.6	5.0	26.7	55.4	25.5	6.2	23.8	18	8	19	38
3955	Carbon paper and inked ribbons .....	98.4	35.3	15.0	48.1	110.2	45.4	13.3	51.5	7	11	3	7
396	Costume jewelry and notions .....	392.2	176.7	92.4	123.1	376.7	172.1	89.7	114.9	2	2	3	2
3961	Costume jewelry .....	216.3	104.3	46.9	65.2	213.1	101.7	45.2	66.2	2	2	2	3
3965	Fasteners, buttons, needles, and pins .....	175.9	72.4	45.5	57.9	163.7	70.5	44.5	48.7	2	5	4	4
399	Miscellaneous manufactures .....	2 300.6	895.6	494.1	910.8	2 194.6	836.5	455.1	903.0	2	2	4	2
3991	Brooms and brushes .....	216.2	104.1	25.2	86.8	210.8	97.5	28.2	85.1	4	7	3	3
3993	Signs and advertising specialties .....	622.2	137.1	225.4	259.7	593.4	135.6	191.7	266.1	4	4	8	5
3995	Burial caskets .....	117.6	68.6	21.5	27.6	111.4	63.3	20.0	28.1	5	5	2	8
3996	Hard surface floor coverings, n.e.c. ....	199.3	131.7	26.0	41.6	209.3	140.9	24.4	44.1	1	1	1	1
3999	Manufacturing industries, n.e.c. ....	1 145.2	454.1	196.0	495.1	1 069.8	399.3	190.9	479.6	2	3	3	2

<sup>1</sup>Beginning in 1982 Economic Censuses, all respondents were requested to report their inventories at cost or market prior to any adjustment of LIFO cost. This is a change from prior censuses and annual survey of manufactures in which respondents were permitted to value their inventories using any generally accepted accounting method. For further explanation, see Introduction.

<sup>2</sup>Beginning-of-year inventories data shown for 1993 in this table differ from the corresponding end-of-year data published in the 1992 Census of Manufactures because of revisions to establishment data originally reported. See Introduction for further explanation of these differences.

<sup>3</sup>Description of standard error of estimate is given in Introduction under Qualifications of the Data. Percentage standard errors shown are approximate relative standard errors of estimates of level.

# Appendix

## Explanation of Terms

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### ALL EMPLOYEES

This item includes all full-time and part-time employees on the payrolls of operating manufacturing establishments during any part of the pay period which included the 12th of the months specified on the report form. Included are all persons on paid sick leave, paid holidays, and paid vacations during these pay periods. Officers of corporations are included as employees; proprietors and partners of unincorporated firms are excluded. The "all employees" number is the average number of production workers plus the number of other employees in mid-March. The number of production workers is the average for the payroll periods including the 12th of March, May, August, and November.

### Production Workers

This item includes workers (up through the line-supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (power plant, etc.), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Employees above the working-supervisor level are excluded from this item.

### All Other Employees

This item covers nonproduction employees of the manufacturing establishment including those engaged in factory supervision above the line-supervisor level. It includes sales (including driver salespersons), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office function, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical employees. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations to the plant and utilized as a separate work force.

### EMPLOYMENT AND PAYROLL FOR AUXILIARIES

Information on employment during the payroll period which included March 12 and annual payrolls also was

requested of auxiliary units (administrative offices, warehouses, research and development laboratories, etc.) of multiestablishment companies. However, these figures are not included in the totals for individual industries shown in this report.

The employment and payroll data shown for central administrative offices and auxiliary units represent the total for all such units which primarily serve manufacturing plants.

### AVERAGE EMPLOYMENT

The annual survey report forms requested employment figures for "production workers" for four selected pay periods (production workers' midmonth employment in March, May, August, and November). For "all other employees" only a mid-March figure was requested. Thus the "annual average" is composed of an average of the four monthly figures for the "production workers" plus the March figure for "all other employees."

### PAYROLL

This item includes the gross earnings of all employees on the payroll of operating manufacturing establishments paid in the calendar year. Respondents were told they could follow the definition of payrolls used for calculating the Federal withholding tax. It includes all forms of compensation, such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees' Social Security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of corporations; it excludes payments to proprietors or partners of unincorporated concerns. Also excluded are payments to members of Armed Forces and pensioners carried on the active payroll of manufacturing establishments.

### PRODUCTION-WORKER HOURS

This item covers hours worked or paid for at the plant, including actual overtime hours (not straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave.

## VALUE ADDED BY MANUFACTURE

This measure of manufacturing activity is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments (products manufactured plus receipts for services rendered). The result of this calculation is adjusted by the addition of value added by merchandising operations (the difference between the sales value and the cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process between the beginning- and end-of-year inventories.

For those industries where value of production is collected instead of value of shipments, value added is adjusted only for the change in work-in-process inventories between the beginning and end of year. For those industries where value of work done is collected, the value added does not include an adjustment for the change in finished goods or work-in-process inventories.

“Value added” avoids the duplication in the figure for value of shipments that results from the use of products of some establishments as materials by others. Value added is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

## COST OF MATERIALS

This term refers to direct charges actually paid or payable for items consumed or put into production during the year, including freight charges and other direct charges incurred by the establishment in acquiring these materials. It includes the cost of materials or fuel consumed, whether purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.

The important components of this cost item are:

1. All raw materials, semifinished goods, parts, containers, scrap, and supplies put into production or used as operating supplies or repair and maintenance during the year
2. Electric energy purchased
3. Fuels consumed for heat, power, or the generation of electricity
4. Work done by others on materials or parts furnished by manufacturing establishments (contract work)
5. Products bought and resold in the same condition

See discussion of duplication of data below.

## VALUE OF SHIPMENTS

This item covers the received or receivable net selling values, f.o.b. plant (exclusive of freight and taxes), of all products shipped, both primary and secondary, as well as

all miscellaneous receipts, such as receipts for contract work performed for others, installation and repair, sales of scrap, and sales of products bought and resold without further processing. Included are all items made by or for the establishments from materials owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment. The net selling value of products made in one plant on a contract basis from materials owned by another was reported by the plant providing the materials.

In the case of multiestablishment companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company at full economic or commercial value, including not only the direct cost of production but also a reasonable proportion of “all other costs” (including company overhead) and profit. (See discussion of duplication of data below.)

## DUPLICATION IN COST OF MATERIALS AND VALUE OF SHIPMENTS

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication since the products of some industries are used as materials by others. This duplication results, in part, from the addition of related industries representing successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the food group and the addition of pulp mills to paper mills in the paper and allied products group of industries. Estimates of the overall extent of this duplication indicate that the value of manufactured products exclusive of such duplication (the value of finished manufactures) tends to approximate two-thirds of the total value of products reported in the annual survey.

Duplication of products within individual industries is significant within a number of industry groups (e.g., machinery and transportation equipment industries). These industries frequently include complete machinery and parts. In this case, the parts made for original equipment are materials consumed for assembly plants in the same industry.

Even when no significant amount of duplication is involved, value of shipments figures are deficient as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in the ratio of materials, labor, and other processing costs to value of shipments, both among industries and within the same industry.

Before 1962, cost of materials and value of shipments were not published for some industries which included considerable duplication. Since then, these data have been published for all industries at the U.S. level and beginning in 1964, for all geographic levels.

## NEW AND USED CAPITAL EXPENDITURES

For establishments in operation and any known plants under construction, manufactures were asked to report their new expenditures for:

1. Permanent additions and major alterations to manufacturing establishments
2. Machinery and equipment used for replacement and additions to plant capacity if they were of the type for which depreciation accounts were ordinarily maintained

The totals for new expenditures include expenditures leased from nonmanufacturing concerns through capital leases. New facilities owned by the Federal Government but operated under private contract by private companies, and plant and equipment furnished to the manufacturer by communities and nonprofit organizations are excluded.

Manufacturers also were requested to report the value of all used buildings and equipment purchased during the year at the purchase price. For any equipment or structure transferred for the use of the reporting establishment by the parent company or one of its subsidiaries, the value at which it was transferred to the establishment was to be reported. Furthermore, if the establishment changed ownership during the year, the cost of the fixed assets (building and equipment) was to be reported under used capital expenditures.

## END-OF-YEAR INVENTORIES

Respondents were asked to report their 1993 and 1992 end-of-year inventories at cost or market. Effective with the 1982 Economic Censuses, this change to a uniform instruction for reporting inventories was introduced for all sector reports. Prior to 1982, respondents were permitted to value inventories using any generally accepted accounting method (FIFO, LIFO, market, to name a few). In 1982, LIFO users were asked to first report inventory values prior to the LIFO adjustment and then to report the LIFO reserve and the LIFO value after adjustment for the reserve.

Because of this change in reporting instructions, 1982 through 1993 data for inventories and value added by manufacture included in this report are not comparable to the prior-year data shown in table 1a of this report and in historical censuses of manufactures and ASM publications.

When using inventory data by stage of fabrication for "all industries" and at the two-digit industry level, it should be noted that an item treated as a finished product by an establishment in one industry may be reported as a raw

material by another establishment in a different industry. For example, the finished-product inventories of a steel mill would be reported as raw materials by a stamping plant. Such differences are present in the inventory figures by stage of fabrication shown for individual industries, industry groups, and manufacturing totals, which are aggregates of figures reported by establishments in specified industries.

## LABOR COSTS

Supplemental labor costs are divided into legally required expenditures and payment for voluntary programs. The legally required portion consists primarily of Federal old age and survivors' insurance, unemployment compensation, and workers' compensation. Payments for voluntary programs include all programs not specifically required by legislation whether they were employer initiated or the result of collective bargaining. They include the employer portion of such plans as insurance premiums, premiums for supplemental accident and sickness insurance, pension plans, supplemental unemployment compensation, welfare plans, stock purchase plans on which the employer payment is not subject to withholding tax, and deferred profit-sharing plans. They exclude such items as company-operated cafeterias, in-plant medical services, free-parking lots, discounts on employee purchases, and uniforms and work clothing for employees. While the excluded items do benefit employees and all or part of their cost generally is similar to the items covered in the ASM labor costs statistics, accounting records generally do not provide reliable figures on net employee benefits of these types.

## COST OF FUELS CONSUMED FOR HEAT, POWER, OR GENERATION OF ELECTRICITY, AND ELECTRIC ENERGY USED FOR HEAT AND POWER

These items refer to fuels and electric energy consumed for heat, power, or generation of electricity whether purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year. Data on the quantity of purchased electric energy and quantity of generated-less-sold electric energy are included. The cost and quantity of purchased electric energy represent the amount actually used during the year for heat and power. In addition, information was collected on the quantity of electric energy generated by the establishment and the quantity of electric energy sold or transferred to other plants of the same company.