

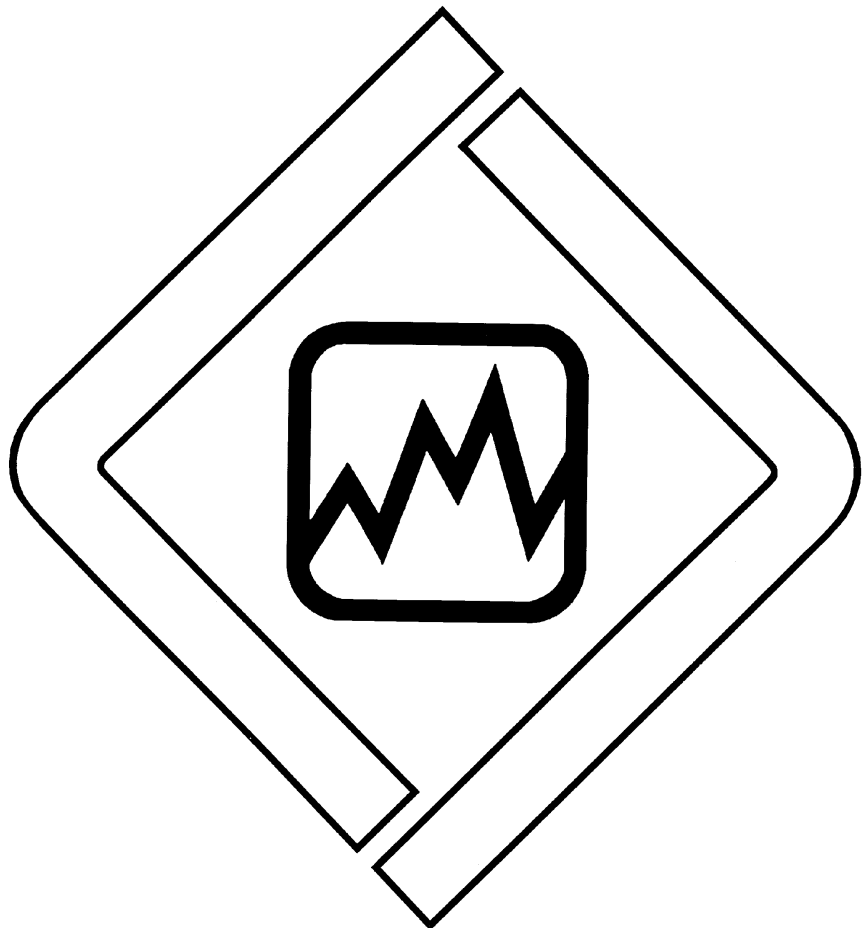
ASMA

1996 Annual Survey of Manufactures

M96(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
Economics and Statistics Administration
BUREAU OF THE CENSUS

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Industry Statistics

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Introduction

GENERAL

This report presents manufacturing establishments statistics for industry groups and industries from the 1996 Annual Survey of Manufactures (ASM).

The estimates for 1996 are based on reports from a representative sample of approximately 58,000 manufacturing establishments and administrative-record information for approximately 170,000 establishments. These estimates represent the portion of the manufacturing population accounted for by establishments with paid employees. Nonemployers are defined as out-of-scope of the ASM. The tables provide 1996 and 1995 estimates for employment, plant 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.¹

SCOPE AND USE OF ANNUAL SURVEY

The 1996 ASM is the 39th 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 1992, 1987, and 1982. 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 THE SURVEY SAMPLE

In 1992, there were approximately 370,000 individual manufacturing establishments. For sample efficiency and

cost considerations, the 1992 manufacturing population was partitioned into two components for developing estimates within the ASM; a mail stratum and a nonmail stratum.

Mail stratum. The mail stratum of the survey is comprised of larger single-location manufacturing companies and all manufacturing establishments of multiunit companies (companies that operate at more than one physical location). Approximately 230,000 of the 370,000 establishments in the 1992 census were assigned to the mail stratum.

On an annual basis, the mail stratum is supplemented with larger, newly active single-location companies identified from a list provided by the Internal Revenue Service (IRS) and new manufacturing locations of multiunit companies identified from the Census Bureau's Company Organization Survey (COS).

For the 1994 survey, a new sample of approximately 58,000 individual establishments was selected from the mail stratum assembled from the 1992 census. Supplemental samples representing both 1993 and 1994 births (newly active establishments that were not included in the 1992 census) were also selected. Establishments selected for the sample will be mailed an ASM survey questionnaire for each year through 1998.

The 1994-98 ASM sample design is similar to the one used since 1984. Companies in the 1992 Census of Manufactures with manufacturing shipments of at least \$500 million were defined as company certainties. For these large companies, each manufacturing establishment is included in the mail sample. For the 1994-98 sample, there are approximately 650 certainty companies collectively accounting for over 18,000 establishments.

For the remaining portion of the mail component of the survey, the establishment was defined as the sample unit. All establishments with 250 employees or more were defined as employment certainties. In addition, all establishments producing products in SIC 3571 (Electronic Computers) were defined as certainties. Across these three arbitrary certainty classes, there were approximately 25,000 establishments included in the sample with certainty. Collectively, these certainty establishments accounted for approximately 80 percent of the total value of shipments in the 1992 Census of Manufactures.

Smaller establishments in the remaining portion of the mail stratum were sampled with probabilities ranging from

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

.02 to 1.00. The initial probabilities of selection assigned to these establishments were proportionate to a measure-of-size determined for each establishment. The measure-of-size was a function of the establishment's 1992 industry classification, its 1992 product class data, and the historical variability of the year-to-year estimates of the product class estimates. For each product class (1,755) and four-digit industry (459), a desired reliability constraint was specified. Using a technique developed by Dr. James R. Chromy of the Research Triangle Institute, the initial establishment probabilities were optimized such that the expected sample satisfied all industry and product class reliability constraints while the sample size was minimized. This technique reduces the likelihood of selecting nonrepresentative samples for individual product classes or industries.

This method of assigning probabilities based on product class shipments is motivated by our primary desire to produce reliable estimates of both product class and industry shipments. The high correlation between shipments and employment, value-added, and other general statistics assures that these variables will also be well represented by the sample. The actual sample selection procedure uses an independent chance of selection method (Poisson sampling) which permits us to prevent small establishments from being selected in consecutive samples without introducing a bias into the survey estimates.

Nonmail component. The initial nonmail component of the survey was comprised of approximately 140,000 small, single-establishment companies that were tabulated as administrative records in the 1992 Census of Manufactures. The nonmail stratum is also supplemented annually using the list of newly active single-location companies provided by the IRS and payroll cutoffs. Companies with payroll below the payroll cutoff are added to the nonmail stratum.

For this portion of the population, sampling is not used. The data for this group are estimated based on selected information obtained annually from the administrative records of the IRS and Social Security Administration (SSA). This administrative information, which includes payroll, total employment, industry classification, and physical location, is obtained under conditions which safeguard the confidentiality of both tax and census records.

DESCRIPTION OF THE ESTIMATING PROCEDURE

Most of the ASM estimates derived for the mail stratum are computed using a difference estimator. At the establishment level, there is a strong correlation between the current year data values and the corresponding 1992 (base) data values. Therefore, within the mailed stratum, for each item at each level of aggregation, an estimate of the "difference" between the current year and the base year is computed from sample cases and added to the corresponding base year values. For the 1993-1997 ASM

estimates, the 1992 Census of Manufactures values serve as the base year. For the 1998 ASM, the base will be updated to be the 1997 Census of Manufactures.

Due to the positive year-to-year correlation, estimates derived using this methodology are generally more reliable than comparable estimates developed from the current sample data alone. Estimates for the capital expenditures variables are not generated using the difference estimator because the year-to-year correlations are considerably weaker. The standard linear estimator is used for these variables.

For the nonmail stratum, estimates for payroll and employment are directly tabulated from the administrative-record data provided by IRS and SSA. Estimates of data other than payroll and employment are developed from industry averages. Although the nonmail stratum contains approximately 170,000 individual establishments in 1994, it accounts for less than 2 percent of the estimate for total value of shipments at the total manufacturing level.

Corresponding estimates for the mail and nonmail components are combined to produce the estimates included in this publication.

ADJUSTMENTS OF HISTORICAL DATA

The goal of the ASM is to produce estimates that represent the employer portion of the manufacturing universe. During census years, ASM estimates generated from the same data set have typically been low in comparison to the census data. In 1987 and 1992, the ASM estimates for shipments at the all manufacturing level were 2.0 and 3.5 percent lower than the census values, respectively. For 1992, the initial ASM estimate for shipments was approximately 3.7 percent low.

Preliminary analyses of the 1992 Census of Manufactures data also suggested that the 1988-91 ASM estimates understated the true levels. An interagency task force, comprised of representatives from the Bureau of Economic Analysis (BEA), the Federal Reserve Board (FRB), and the Census Bureau was formed to investigate this issue and provide recommendations. After examining the evidence, the consensus opinion was that the understatement in the ASM estimates from 1988-91 was sufficient to warrant a revision to the ASM historical time series. The task force recommended that the ten general statistics (GS) variables published in the *Statistics for Industry Groups and Industries* publication (AS-1) be revised for 1988-91.

The major factors contributing to this decision were as follows:

1. The classification of new single-establishment companies continued to be a problem between 1988 and 1992. The number of totally unclassified companies in our master universe file grew significantly through 1991 and then declined sharply in 1992 due to special census processing. A portion of these unclassified companies became classified as manufactures for the first time in 1992, despite having been in operation for

up to 4 years. These cases are not represented in the originally published ASM estimates for 1988-91 because of their lack of classification. In addition, it appears that a significant number of new manufacturing companies were initially classified as nonmanufacturing and, therefore, not subjected to our birth supplementation. Beginning with the 1993 ASM, we have introduced procedures to address both these issues.

2. The 1992 ASM was processed within the census survey processing system. While similar to the regular ASM processing system, there were subtle differences in data collection, editing, imputation, and analyst review that cannot be totally eliminated. This suggests that the 1992 ASM estimates derived using census files are not totally comparable to the 1988-91 ASM estimates. Our analysis suggests the understatement in the 1992 ASM estimates because of processing differences to be between 1 and 1.5 percent. For the 1997 ASM, we are redeveloping components of the processing system.
3. The originally published 1989 ASM estimates appear to be uniformly low in comparison to other comparable time series and our own internal analysis. This suggests that the original 1989 ASM sample was not as representative as expected or that there were undetected operational errors in producing the estimates.
4. As with all sectors of the economy, the manufacturing sector is continually changing. Despite tightly controlled procedures for maintaining the ASM sample, some deterioration in coverage and representation was unavoidable.

The revised estimates for 1988-91 were derived through a series of distinct steps. Essentially, a “smoothing” procedure was used to allocate the difference between the 1992 ASM estimates and the corresponding census values over the 5 year span. However, before applying this procedure, revised ASM estimates for 1989 and 1992 were developed to address problems 2 and 3 described above.

Generating Revised 1989 Estimates

The 1989 ASM estimates were separated into industries for which the ASM estimates reliably represented the population and industries for which the estimates were suspect. In the suspect industries, the change from 1987 to 1989 was re-estimated using the information reported by establishments in these 2 years. A change ratio estimator was used rather than the difference estimator usually used for ASM estimation. This procedure was not as rigorous as the usual estimator, but offered the advantage of not being as sensitive to the factors that were felt to have caused the original understatement. After the re-estimation, the total value of shipments for all manufacturing industries in 1989 was 0.8 percent higher than originally published.

Adjustment to 1992 ASM Estimates

As noted above, the initial 1992 ASM estimates were derived within the census processing system rather than the usual ASM system. The initial difference between the 1992 ASM estimate of shipments and the census value was approximately 3.7 percent. At the four-digit SIC level, an estimate of the processing bias was determined and the initial 1992 ASM estimates adjusted accordingly. This adjustment was felt to improve the comparability between the 1992 and the 1988-91 ASM estimates. The adjustment procedure raised the initial 1992 ASM estimate for shipments approximately 1.6 percent, thereby reducing the understatement of the 1992 ASM estimate of shipments to approximately 2.1 percent at the all manufacturing level. Similar differences existed between the 1992 ASM estimates of the other general statistics variables and the 1992 census values.

Historical Revision

This 2.1 percent underestimate of the census by the 1992 ASM is defined as the “drift” and is felt to be an accurate measure of the cumulative degradation in the quality of the estimates due to erosion in the representativeness of the sample and processing error. To improve the historical ASM time series, the difference between the adjusted 1992 ASM estimate and the census value was computed for each GS variable at specific industry group levels. This difference was divided by five and the result added to the industry group level estimate for that variable for 1988. Twice the difference was added to the re-estimated industry group level estimate for 1989. Three times the difference was added for 1990, and four times the difference for 1991. Revised estimates for other variables and for other levels of aggregation (geographical) were not calculated. The percentage revision in each variable for each year was calculated for each industry group level and that percentage revision was made to each four-digit SIC within the industry group.

The chart below shows the ASM originally published inventories and shipments estimates at the total manufacturing level and the comparable estimates after the adjustment process for 1988-91. The 1987 and 1992 values represent census statistics, not ASM estimates.

Finally, the complete set of 1995 ASM general statistics and product class estimates have been revised. They were revised to reflect late data corrections made to the 1995 ASM data resulting from the review of the 1996 survey data.

Year	End-of-year inventories (billion dollars)		Value of shipments (billion dollars)	
	Published	Adjusted	Published	Adjusted
1992	374.9	374.9	3,004.7	3,004.7
1991	379.9	387.1	2,826.2	2,878.2
1990	392.5	397.9	2,873.5	2,912.2
1989	380.5	384.5	2,792.7	2,840.4
1988	361.5	363.3	2,682.6	2,695.4
1987	332.6	332.6	2,475.9	2,475.9

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 1996 data for establishments with 1995 data available involves adjusting the corresponding 1995 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 1995 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 1996. 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: 1996 and Earlier Years

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

Year	Establishments ¹		All employees ²		Production workers			Value added by manufacture ⁴ (million dollars)	Cost of materials (million dollars)	Value of shipments (million dollars)	New capital expenditures ⁵ (million dollars)
	Total (number)	With 20 employees or more (number)	Number ³ (1,000)	Payroll (million dollars)	Number ³ (1,000)	Hours (millions)	Wages (million dollars)				
1996 ⁶	(NA)	(NA)	18 665.6	645 032.0	12 167.8	25 010.5	324 495.8	1 749 661.9	1 975 362.1	3 715 428.2	139 322.5
1995 ⁶	(NA)	(NA)	18 730.9	624 407.1	12 253.1	25 072.0	317 767.5	1 711 442.3	1 897 570.7	3 594 359.6	128 473.4
1994 ⁶	(NA)	(NA)	18 326.7	593 577.8	11 947.1	24 560.1	304 663.0	1 605 980.0	1 752 735.1	3 348 019.2	112 783.6
1993 ⁶	(NA)	(NA)	18 232.7	573 421.9	11 726.2	23 845.1	290 293.2	1 483 054.1	1 647 492.6	3 127 620.4	103 132.9
1992	381 696	124 822	18 204.9	559 087.3	11 640.9	23 563.1	281 538.2	1 424 699.7	1 571 773.5	3 004 722.8	103 188.0
1991 ⁶	(NA)	(NA)	18 350.3	539 153.2	11 652.0	23 383.0	270 601.0	1 341 386.2	1 531 221.3	2 878 164.8	103 002.9
1990 ⁶	(NA)	(NA)	19 057.1	539 918.0	12 232.7	24 463.3	275 208.4	1 346 970.1	1 574 617.3	2 912 228.5	105 018.1
1989 ⁶	(NA)	(NA)	19 291.7	526 525.9	12 535.5	24 933.9	273 119.9	1 325 433.6	1 532 330.0	2 840 376.0	98 737.6
1988 ⁶	(NA)	(NA)	19 220.4	505 197.3	12 438.7	24 815.4	265 147.1	1 269 313.0	1 444 500.9	2 695 432.3	81 593.1
1987	368 904	126 302	18 951.6	475 681.7	12 280.4	24 302.7	251 449.5	1 165 740.8	1 319 844.6	2 475 939.1	78 649.9
1986 ⁶	(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 ⁶	(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	2 280 283.8	83 058.3
1984 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(NA)	(NA)	20 646.9	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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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	19 028.7	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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁷	303 303	95 310	16 025.2	78 348.9	11 681.1	22 679.2	49 605.2	141 540.6	(NA)	326 722.8	9 543.5
1957 ⁶	(NA)	(NA)	17 104.7	79 354.0	12 838.9	25 569.0	52 582.5	147 835.4	(NA)	(NA)	12 144.0
1956 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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 ⁶	(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

¹Includes establishments with payroll at any time during year.

²Figures for 1949 to 1996 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.

³Method of compiling figures varied as follows: All employees: for 1955 to 1996, 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 1996, figures are based on employment for payroll period ended nearest the 12th of March, May, August, and November.

⁴Beginning in 1982, all respondents were requested to report their inventories at cost or market prior to adjustment to LIFO cost. This is a change from prior years 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.

⁵Figures for 1951 to 1996 include expenditures for plants under construction and not yet in operation. This information was not collected prior to 1951.

⁶Figures 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.

⁷Data 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: 1996 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)
	All industries	1996.. 18 665.6	645 032.0	17 326.3	560 518.3	1 339.3	84 513.7
	1995.. 18 730.9	624 407.1	17 419.2	545 362.7	1 311.7	79 044.4	
	1994.. 18 326.7	593 577.8	17 059.4	522 565.7	1 267.3	71 012.1	
	1993.. 18 232.7	573 421.9	16 943.5	504 363.1	1 289.2	69 058.8	
	1992.. 18 204.9	559 087.3	16 948.9	494 108.9	1 256.0	64 978.5	
	1987.. 18 951.6	475 681.7	17 718.0	428 480.0	1 233.6	47 201.7	
	1982.. 19 094.1	379 626.6	17 818.1	341 406.2	1 276.0	38 220.4	
	1977.. 19 590.1	264 013.1	18 515.9	242 031.9	1 074.2	21 981.2	
20	Food and kindred products	1996.. 1 643.1	48 052.7	1 516.6	40 379.9	126.5	7 672.8
	1995.. 1 644.8	47 040.2	1 519.7	39 622.2	125.1	7 418.0	
	1994.. 1 635.6	45 201.4	1 510.8	38 471.4	124.8	6 730.0	
	1993.. 1 643.3	44 215.0	1 520.4	37 706.5	122.9	6 508.5	
	1992.. 1 622.0	42 963.9	1 502.7	36 771.8	119.3	6 192.2	
	1987.. 1 557.1	34 223.3	1 448.8	30 267.2	108.3	3 956.1	
	1982.. 1 596.6	29 118.6	1 487.7	26 087.5	108.9	3 031.1	
	1977.. 1 622.3	20 472.7	1 520.2	18 543.6	102.1	1 929.1	
21	Tobacco products	1996.. 45.9	2 443.5	31.4	1 521.5	14.5	922.0
	1995.. 47.7	2 526.7	31.3	1 483.9	16.4	1 042.8	
	1994.. 51.4	2 419.3	34.4	1 441.0	17.0	978.3	
	1993.. 56.6	2 423.9	36.6	1 423.0	20.0	1 000.9	
	1992.. 59.5	2 493.4	38.0	1 524.4	21.5	969.0	
	1987.. 63.5	2 170.5	44.7	1 485.6	18.8	684.9	
	1982.. 72.2	1 716.9	58.0	1 323.6	14.2	393.3	
	1977.. 68.6	897.7	60.6	750.8	8.0	146.9	
22	Textile mill products	1996.. 603.5	14 560.3	576.4	13 214.8	27.1	1 345.5
	1995.. 635.6	14 931.7	609.7	13 481.7	25.9	1 450.0	
	1994.. 650.4	14 773.2	624.3	13 594.2	26.1	1 179.0	
	1993.. 635.1	13 963.3	610.0	12 836.5	25.1	1 126.8	
	1992.. 643.7	13 554.4	616.4	12 397.6	27.3	1 156.8	
	1987.. 699.0	12 252.0	672.1	11 409.2	26.9	842.8	
	1982.. 750.3	9 840.1	717.4	9 046.1	32.9	794.0	
	1977.. 908.6	8 434.4	875.4	7 881.4	33.2	553.0	
23	Apparel and other textile products	1996.. 906.0	16 600.4	864.9	14 919.6	41.1	1 680.8
	1995.. 987.5	17 303.0	946.6	15 703.5	40.9	1 599.5	
	1994.. 988.5	16 942.4	954.2	15 620.0	34.3	1 322.4	
	1993.. 1 013.3	16 855.1	979.8	15 621.8	33.5	1 233.3	
	1992.. 1 017.3	16 521.4	985.3	15 325.1	32.1	1 196.4	
	1987.. 1 114.0	14 774.0	1 080.8	13 903.6	33.2	870.4	
	1982.. 1 223.8	12 881.9	1 189.0	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	1996.. 758.9	18 408.7	738.7	17 313.6	20.2	1 095.1
	1995.. 760.7	17 756.7	740.2	16 675.4	20.5	1 081.3	
	1994.. 736.6	16 825.6	718.0	15 902.9	18.6	922.7	
	1993.. 701.4	15 780.8	685.4	14 954.5	16.0	826.3	
	1992.. 672.8	14 656.5	655.8	13 881.8	17.0	774.7	
	1987.. 712.5	13 201.1	698.4	12 706.7	14.1	494.4	
	1982.. 598.3	9 051.6	576.4	8 444.5	21.9	607.1	
	1977.. 706.9	7 694.9	692.4	7 424.7	14.5	270.2	
25	Furniture and fixtures	1996.. 527.0	13 010.7	514.5	12 413.8	12.5	596.9
	1995.. 522.6	12 377.4	511.3	11 852.2	11.3	525.2	
	1994.. 505.9	11 725.9	495.5	11 270.3	10.4	455.6	
	1993.. 492.2	11 136.9	482.3	10 703.4	9.9	433.5	
	1992.. 481.7	10 677.1	471.1	10 227.0	10.6	450.1	
	1987.. 522.6	9 433.9	510.8	9 082.4	11.8	351.5	
	1982.. 446.7	6 336.2	436.1	6 083.6	10.6	252.6	
	1977.. 472.6	4 586.3	463.6	4 446.2	9.0	140.1	
26	Paper and allied products	1996.. 677.4	26 109.2	630.6	22 946.5	46.8	3 162.7
	1995.. 676.7	25 375.5	629.2	22 277.3	47.5	3 098.2	
	1994.. 669.5	24 283.9	622.3	21 577.3	47.2	2 706.6	
	1993.. 673.5	23 458.7	626.3	20 900.6	47.2	2 558.1	
	1992.. 676.6	23 079.1	626.3	20 491.9	50.3	2 587.2	
	1987.. 654.6	18 717.9	611.1	16 859.6	43.5	1 858.3	
	1982.. 636.9	14 857.1	605.6	12 947.5	31.3	1 909.6	
	1977.. 666.3	9 845.3	628.7	8 942.9	37.6	902.4	
27	Printing and publishing	1996.. 1 614.6	50 611.7	1 515.0	46 175.1	99.6	4 436.6
	1995.. 1 620.5	48 801.0	1 524.9	44 667.5	95.6	4 133.5	
	1994.. 1 583.9	46 437.7	1 494.3	42 849.8	89.6	3 587.9	
	1993.. 1 575.5	45 253.0	1 494.7	42 058.9	80.8	3 194.1	
	1992.. 1 572.1	44 079.8	1 492.1	41 136.1	80.1	2 943.7	
	1987.. 1 578.1	35 850.5	1 494.0	33 440.1	84.1	2 410.4	
	1982.. 1 340.1	23 912.1	1 291.8	22 708.9	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	1996.. 1 081.0	54 373.3	824.4	36 331.0	256.6	18 042.3
	1995.. 1 090.2	52 377.7	838.8	35 445.4	251.4	16 932.3	
	1994.. 1 074.0	49 543.8	823.0	33 879.6	251.0	15 664.2	
	1993.. 1 095.8	48 098.8	838.5	33 093.5	257.3	15 005.3	
	1992.. 1 102.7	47 096.5	848.6	32 501.9	254.0	14 594.6	
	1987.. 1 028.6	34 039.2	814.2	25 016.5	214.4	9 022.7	
	1982.. 1 079.1	27 462.5	872.6	20 835.7	206.5	6 626.8	
	1977.. 1 061.6	17 638.2	880.2	13 839.3	181.4	3 798.9	
29	Petroleum and coal products	1996.. 141.3	7 641.9	106.0	5 238.3	35.3	2 403.6
	1995.. 143.1	7 378.2	109.9	5 246.1	33.2	2 132.1	
	1994.. 148.0	7 434.3	111.2	5 224.3	36.8	2 210.0	
	1993.. 156.3	7 692.2	113.8	5 137.7	42.5	2 554.5	
	1992.. 158.4	7 431.8	114.4	4 966.8	44.0	2 465.0	
	1987.. 153.5	5 669.0	115.8	3 996.1	37.7	1 672.9	
	1982.. 227.6	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	

See footnotes at end of table.

Table 1b. Employment Statistics for Operating Manufacturing Establishments and Auxiliaries by Major Group: 1996 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)	
30	Rubber and miscellaneous plastics products	1996..	1 057.2	30 750.4	1 017.9	28 435.7	39.3	2 314.7
		1995..	1 058.4	29 673.4	1 017.8	27 290.4	40.6	2 383.0
		1994..	1 013.4	27 971.1	976.2	25 962.3	37.2	2 008.8
		1993..	972.3	26 516.5	936.4	24 467.1	35.9	2 049.4
		1992..	942.2	25 048.4	906.7	23 156.0	35.6	1 892.4
		1987..	862.9	18 898.1	831.0	17 575.3	31.9	1 322.8
		1982..	713.4	12 568.8	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	1996..	81.5	1 777.7	77.2	1 600.0	4.3	177.7
		1995..	90.5	1 801.1	86.0	1 628.7	4.5	172.4
		1994..	96.5	1 877.2	92.3	1 711.9	4.2	165.3
		1993..	103.4	1 989.8	98.6	1 817.5	4.8	172.3
		1992..	105.8	1 972.8	101.1	1 806.0	4.7	166.9
		1987..	135.7	1 989.1	129.0	1 830.5	6.7	158.6
		1982..	209.0	2 423.5	200.0	2 218.7	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	1996..	549.6	17 713.1	520.4	15 857.2	29.2	1 855.9
		1995..	528.9	16 525.9	501.3	14 893.6	27.6	1 632.3
		1994..	511.0	15 636.5	484.6	14 144.1	26.4	1 492.4
		1993..	493.9	14 764.6	468.0	13 402.9	25.9	1 361.7
		1992..	496.3	14 486.3	468.8	13 113.1	27.5	1 373.1
		1987..	554.4	13 555.2	523.8	12 353.8	30.6	1 201.4
		1982..	573.3	11 262.2	531.5	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	1996..	710.7	27 172.2	687.4	25 644.3	23.3	1 527.9
		1995..	709.8	26 426.6	685.8	24 987.5	24.0	1 439.1
		1994..	687.3	25 255.5	663.8	23 932.1	23.5	1 323.4
		1993..	676.7	23 992.9	652.9	22 707.5	23.8	1 285.4
		1992..	688.7	23 536.6	662.1	22 202.4	26.7	1 334.2
		1987..	730.0	20 840.8	701.8	19 800.1	28.2	1 040.7
		1982..	901.6	21 998.4	854.1	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	1996..	1 529.0	48 833.0	1 483.0	46 129.8	46.0	2 703.2
		1995..	1 508.2	46 946.5	1 463.6	44 527.3	44.6	2 419.2
		1994..	1 449.3	44 278.5	1 406.7	42 008.8	42.6	2 269.7
		1993..	1 410.4	42 119.2	1 370.8	40 064.9	39.6	2 054.3
		1992..	1 400.7	40 929.5	1 362.3	38 961.8	38.4	1 967.7
		1987..	1 501.5	36 571.9	1 459.9	35 026.6	41.6	1 545.3
		1982..	1 511.2	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	1996..	2 112.8	79 321.9	1 980.5	70 729.5	132.3	8 592.4
		1995..	2 054.5	75 187.1	1 925.8	67 431.1	128.7	7 756.0
		1994..	1 934.5	69 720.1	1 808.3	62 204.3	126.2	7 515.8
		1993..	1 879.6	65 934.7	1 749.5	58 557.2	130.1	7 377.5
		1992..	1 865.9	64 238.2	1 738.9	57 230.9	127.0	7 007.3
		1987..	2 007.9	56 641.5	1 844.1	50 548.4	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	1996..	1 724.0	66 173.9	1 556.5	54 311.4	167.5	11 862.5
		1995..	1 693.4	62 064.9	1 536.1	51 496.6	157.3	10 568.3
		1994..	1 634.8	56 763.8	1 485.0	48 123.6	149.8	8 640.2
		1993..	1 581.9	53 228.1	1 437.7	45 305.5	144.2	7 922.6
		1992..	1 563.8	50 711.8	1 438.8	44 196.5	125.0	6 515.3
		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)
37	Transportation equipment	1996..	1 599.8	72 201.6	1 466.9	63 531.8	132.9	8 669.8
		1995..	1 650.8	71 892.1	1 518.3	63 891.6	132.5	8 000.5
		1994..	1 662.8	70 611.2	1 544.2	63 690.2	118.6	6 921.0
		1993..	1 726.0	69 738.2	1 583.5	62 227.4	142.5	7 510.8
		1992..	1 783.1	69 982.7	1 646.9	62 733.7	136.2	7 248.9
		1987..	1 957.3	64 865.4	1 817.1	58 790.5	140.2	6 074.9
		1982..	1 704.3	44 519.7	1 595.9	40 811.7	108.4	3 708.0
		1977..	1 873.6	33 314.4	1 768.1	30 673.5	105.5	2 640.9
38	Instruments and related products	1996..	889.4	38 318.3	820.7	33 782.7	68.7	4 535.6
		1995..	899.4	37 467.9	830.6	33 077.2	68.8	4 390.7
		1994..	896.2	35 942.2	828.1	31 882.3	68.1	4 059.9
		1993..	952.2	36 635.1	879.2	32 518.4	73.0	4 116.7
		1992..	969.3	36 410.6	907.1	33 067.0	62.2	3 343.6
		1987..	1 042.3	31 166.2	982.0	28 778.0	60.3	2 388.2
		1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
		1977..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
39	Miscellaneous manufacturing industries	1996..	412.9	10 957.4	397.3	10 041.7	15.6	915.7
		1995..	407.7	10 553.3	392.3	9 683.4	15.4	869.9
		1994..	397.3	9 934.2	382.3	9 075.4	15.0	858.8
		1993..	393.4	9 625.0	379.2	8 858.2	14.2	766.8
		1992..	382.3	9 216.5	365.5	8 417.0	16.8	799.4
		1987..	386.8	7 277.6	373.9	6 871.6	12.9	406.0
		1982..	395.8	6 010.3	382.7	5 646.9	13.1	363.4
		1977..	451.0	4 598.5	439.8	4 408.4	11.2	190.1

Table 2. Statistics for Industry Groups and Industries: 1996 and 1995

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

SIC code	Industry group and industry	1996									
		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
	All industries	18 665.6	645 032.0	12 167.8	25 010.5	324 495.8	1 749 661.9	1 975 362.1	3 715 428.2	139 322.5	427 101.5
20	Food and kindred products	1 516.6	40 379.9	1 112.6	2 300.8	25 702.2	178 782.7	283 715.7	461 324.2	11 717.3	35 973.2
21	Tobacco products	31.4	1 521.5	22.7	45.7	1 009.4	25 859.9	8 656.5	34 481.7	6 648.9	6 256.5
22	Textile mill products	576.4	13 214.8	489.0	1 015.8	9 774.8	32 554.9	47 526.5	80 242.0	2 665.7	9 478.2
23	Apparel and other textile products	864.9	14 919.6	726.5	1 356.3	10 397.2	38 366.2	38 990.1	77 628.1	964.2	10 015.5
24	Lumber and wood products	738.7	17 313.6	612.8	1 248.6	12 702.0	41 485.9	65 173.0	106 518.1	3 305.1	10 424.0
25	Furniture and fixtures	514.5	12 413.8	414.2	836.7	8 350.8	27 200.3	28 540.5	55 696.7	1 252.4	6 483.8
26	Paper and allied products	630.6	22 946.5	487.5	1 051.0	15 784.9	72 289.9	88 074.7	160 661.0	9 301.6	15 887.3
27	Printing and publishing	1 515.0	46 175.1	800.7	1 573.4	20 122.2	130 946.0	64 691.5	195 435.2	5 912.2	13 024.2
28	Chemicals and allied products	824.4	36 331.0	476.8	1 014.2	17 468.7	194 412.3	174 012.2	367 441.8	20 041.0	40 762.1
29	Petroleum and coal products	106.0	5 238.3	69.1	160.6	3 159.4	31 656.1	143 508.3	174 284.6	5 572.2	12 045.3
30	Rubber and miscellaneous plastics products	1 017.9	28 435.7	799.7	1 649.5	18 659.7	74 944.7	75 850.8	150 467.5	7 021.7	15 583.9
31	Leather and leather products	77.2	1 600.0	64.6	124.9	1 087.4	4 741.8	4 621.8	9 308.5	127.8	1 530.9
32	Stone, clay, and glass products	520.4	15 857.2	402.3	835.8	10 934.4	46 054.6	36 582.9	82 441.3	4 157.4	8 679.4
33	Primary metal industries	687.4	25 644.3	542.9	1 170.9	18 432.6	69 539.3	108 907.1	178 297.8	7 299.1	24 384.8
34	Fabricated metal products	1 483.0	46 129.8	1 114.4	2 338.8	29 722.7	107 990.4	106 770.7	214 006.3	6 873.5	27 384.0
35	Industrial machinery and equipment	1 980.5	70 729.5	1 287.0	2 685.1	37 896.6	187 217.9	194 259.1	381 793.7	11 450.7	55 910.2
36	Electronic and other electric equipment	1 556.5	54 311.4	1 006.3	2 030.8	25 614.4	180 012.7	136 919.6	320 614.7	20 867.4	37 183.0
37	Transportation equipment	1 466.9	63 531.8	1 032.2	2 153.2	39 762.4	176 597.9	293 399.0	465 172.2	13 498.0	62 347.6
38	Instruments and related products	820.7	33 782.7	423.1	850.3	12 304.1	97 987.3	53 091.1	151 019.9	5 273.8	24 516.5
39	Miscellaneous manufacturing industries	397.3	10 041.7	283.4	567.8	5 609.9	27 021.3	22 071.1	48 596.8	1 372.7	8 461.2
—	Auxiliaries ³	1 339.3	84 513.7	—	—	—	—	—	—	—	—
20	Food and kindred products	1 516.6	40 379.9	1 112.6	2 300.8	25 702.2	178 782.7	283 715.7	461 324.2	11 717.3	35 973.2
201	Meat products	433.4	8 920.6	370.2	762.7	6 848.7	23 517.9	78 713.0	102 103.0	1 832.6	3 630.0
2011	Meat packing plants	130.0	2 990.7	110.7	250.8	2 332.8	8 278.4	42 762.6	51 088.6	590.0	1 125.9
2013	Sausages and other prepared meats	88.1	2 174.8	69.5	143.5	1 468.3	5 954.2	14 925.1	20 854.2	545.2	1 223.4
2015	Poultry slaughtering and processing	215.3	3 755.1	190.0	368.5	3 047.7	9 285.3	21 025.3	30 160.2	697.4	1 280.6
202	Dairy products	130.9	4 017.7	82.8	178.4	2 320.1	15 724.3	42 774.4	58 123.1	1 056.0	3 157.1
2021	Creamery butter	1.6	46.0	1.1	2.3	29.2	227.1	950.6	1 179.7	3.8	31.7
2022	Cheese, natural and processed	35.7	953.9	28.4	58.6	703.4	3 599.3	16 295.4	19 840.0	295.2	1 278.0
2023	Dry, condensed, and evaporated dairy products	15.3	547.1	9.9	21.3	305.6	2 913.7	4 818.4	7 489.0	235.1	877.7
2024	Ice cream and frozen desserts	19.1	560.6	13.4	29.1	382.1	2 684.5	3 541.9	6 160.0	178.1	414.8
2026	Fluid milk	59.3	1 910.2	30.0	67.0	899.8	6 299.8	17 168.1	23 454.5	343.9	555.0
203	Preserved fruits and vegetables	204.4	5 131.0	169.4	348.3	3 697.8	24 506.4	27 222.2	51 708.0	1 405.3	8 731.7
2032	Canned specialties	22.3	641.8	18.7	38.9	491.1	4 657.7	3 412.8	8 051.2	189.4	885.2
2033	Canned fruits and vegetables	56.4	1 480.6	46.4	106.1	1 063.0	6 214.9	8 650.2	14 894.6	323.0	3 816.3
2034	Dehydrated fruits, vegetables, and soups	14.1	393.3	11.2	22.8	257.8	1 183.8	1 811.9	2 928.1	159.5	888.2
2035	Pickles, sauces, and salad dressings	20.4	586.7	15.6	31.5	395.9	3 450.0	3 445.2	6 897.9	110.2	618.3
2037	Frozen fruits and vegetables	48.2	1 053.3	41.6	80.6	799.9	3 972.7	5 523.7	9 532.4	384.7	1 933.7
2038	Frozen specialties, n.e.c.	42.9	975.2	35.9	68.5	690.1	5 027.3	4 378.3	9 403.8	238.4	590.0
204	Grain mill products	100.3	3 425.2	70.1	158.1	2 213.6	21 666.7	37 039.5	58 473.4	1 911.9	3 407.0
2041	Flour and other grain mill products	12.6	407.3	8.5	19.8	256.7	1 522.2	5 872.9	7 383.6	113.0	597.7
2043	Cereal breakfast foods	13.8	717.4	11.2	26.5	575.4	6 470.2	2 623.3	9 105.2	375.9	329.4
2044	Rice milling	3.6	100.1	3.0	6.5	72.2	903.9	1 630.5	2 467.7	37.9	442.5
2045	Prepared flour mixes and doughs	15.6	451.7	11.9	26.1	298.3	2 390.5	2 536.4	4 913.7	164.0	292.0
2046	Wet corn milling	9.0	398.9	6.2	14.4	253.2	2 833.3	6 201.4	8 956.0	810.3	582.3
2047	Dog and cat food	13.3	484.5	10.1	23.3	330.5	3 496.6	4 113.4	7 572.2	210.5	366.8
2048	Prepared feeds, n.e.c.	32.5	865.3	19.2	41.6	427.4	4 050.2	14 061.6	18 075.0	200.4	796.3
205	Bakery products	219.9	6 157.7	136.6	270.8	3 348.0	20 711.9	12 030.0	32 741.2	1 006.0	1 154.8
2051	Bread, cake, and related products	156.3	4 329.8	86.0	169.8	2 100.6	12 759.6	7 093.0	19 858.8	518.2	431.6
2052	Cookies and crackers	47.4	1 385.7	37.2	73.4	951.5	6 598.2	3 742.2	10 346.7	374.5	538.8
2053	Frozen bakery products, except bread	16.2	442.2	13.4	27.6	295.9	1 354.1	1 194.8	2 535.7	113.4	184.4
206	Sugar and confectionery products	88.6	2 602.6	68.7	144.5	1 788.5	12 640.2	13 673.6	26 265.1	872.6	3 612.6
2061	Raw cane sugar	5.0	169.1	3.1	8.3	105.4	610.5	849.7	1 467.0	70.3	350.7
2062	Cane sugar refining	3.1	155.2	2.0	5.2	97.6	577.1	2 085.4	2 665.8	33.6	253.9
2063	Beet sugar	8.3	263.4	7.3	15.8	211.9	907.9	1 911.8	2 839.3	111.6	743.3
2064	Candy and other confectionery products and industry 2067, chewing gum	53.1	1 432.8	41.9	85.3	990.8	7 740.2	4 746.0	12 452.6	381.3	1 139.9
2066	Chocolate and cocoa products	9.8	353.5	7.2	14.5	226.8	1 444.3	2 035.0	3 450.7	80.6	445.1
2068	Salted and roasted nuts and seeds	9.4	228.4	7.1	15.5	156.0	1 360.5	2 045.4	3 389.6	195.2	679.6
207	Fats and oils	25.8	813.4	17.8	40.1	492.7	4 257.9	19 130.4	23 387.6	486.7	1 945.6
2074	Cottonseed oil mills	2.0	50.6	1.6	3.7	32.6	247.2	696.0	941.6	44.5	337.8
2075	Soybean oil mills	7.2	236.7	4.9	10.8	142.8	1 424.8	12 768.4	14 197.0	272.0	1 011.8
2076	Vegetable oil mills, n.e.c.	8	25.2	5	1.2	14.3	149.1	572.2	713.6	6.9	107.4
2077	Animal and marine fats and oils	8.5	249.5	5.4	12.3	136.7	1 041.6	1 321.9	2 348.9	43.9	114.5
2079	Edible fats and oils, n.e.c.	7.3	251.4	5.5	12.1	166.4	1 395.1	3 771.9	5 186.5	119.4	374.1
208	Beverages	142.8	5 103.0	71.5	145.8	2 442.9	35 209.5	33 521.0	68 387.0	2 010.7	7 199.1
2082	Malt beverages	34.0	1 538.3	24.6	46.1	1 078.5	11 139.3	7 048.7	18 220.1	877.0	573.4
2083	Malt	1.2	50.9	0.9	1.6	30.1	257.5	647.8	854.0	40.2	256.2
2084	Wines, brandy, and brandy spirits	17.0	577.2	7.5	15.9	215.6	2 814.3	3 078.5	5 548.0	269.3	2 771.2
2085	Distilled and blended liquors	6.6	242.2	4.7	9.8	157.5	1 959.5	1 728.2	3 672.9	54.0	1 836.6
2086	Bottled and canned soft drinks	73.5	2 285.6	28.1	60.4	785.8	12 867.1	19 133.7	32 023.6	605.4	1 253.8
2087	Flavoring extracts and syrups, n.e.c.	10.5	408.7	5.6	12.0	175.4	6 171.8	1 884.1	8 068.4	164.9	508.0
209	Miscellaneous food and kindred products	170.5	4 208.7	125.5	252.0	2 549.9	20 547.8	19 611.6	40 135.9	1 135.3	3 135.2
2091	Canned and cured fish and seafoods	5.0	108.1	4.2	9.3	71.5	324.6	538.3	863.7	24.2	176.2
2092	Fresh or frozen prepared fish	39.1	742.1	32.4	63.6	505.3	2 312.1	4 441.4	6 741.8	106.5	782.1
2095	Roasted coffee	10.2	337.5	6.2	12.2	179.0	2 892.6	3 689.9	6 552.0	145.2	509.0
2096	Potato chips and similar snacks	36.0	1 079.9	25.5	48.8	642.4	6 315.3	2 823.8	9 132.9	415.3	239.8
2097	Manufactured ice	4.7	103.8	2.7	6.7	54.9	278.3	125.7	403.0	10.7	38.6
2098	Macaroni and spaghetti	6.0	155.6	4.7	10.0	111.1	807.7	666.2	1 471.2	31.4	100.0
2099	Food preparations, n.e.c.	69.5	1 681.8	49.8	101.4	985.8	7 617.2	7 326.4	14 971.2	402.0	1 289.5

1995										Standard error of estimate ¹ (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 ¹ (percent) for column—						
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						A	F	I	K	P	S	
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S	
18 730.9	624 407.1	12 253.1	25 072.0	317 767.5	1 711 442.3	1 897 570.7	3 594 359.6	128 473.4	421 242.3	1	1	1	1	1	1	
1 519.7	39 622.2	1 120.3	2 314.0	25 362.0	179 787.8	267 937.3	446 868.6	11 812.1	34 827.3	1	1	2	1	1	2	
31.3	1 483.9	22.2	44.7	976.4	24 715.4	8 251.9	32 983.8	411.0	6 100.3	1	1	1	1	1	1	
609.7	13 481.7	519.6	1 067.4	10 006.8	32 835.7	47 493.2	79 873.8	2 885.9	9 841.1	2	2	3	2	2	4	
946.6	15 703.5	792.0	1 458.3	11 021.6	39 487.4	38 950.9	78 103.4	1 187.4	11 534.9	3	2	5	2	2	3	
740.2	16 675.4	613.8	1 247.7	12 263.5	40 987.6	64 390.4	104 944.3	3 059.5	10 576.8	2	2	3	1	1	3	
511.3	11 852.2	412.8	828.8	7 995.7	26 339.1	27 205.0	53 473.9	1 223.8	6 583.3	2	2	5	2	2	6	
629.2	22 277.3	487.3	1 045.3	15 402.4	80 487.7	94 838.8	173 715.8	8 369.0	17 172.7	2	1	5	1	1	26	
1 524.9	44 667.5	801.5	1 581.1	19 500.8	125 737.0	62 878.1	188 133.5	5 612.2	13 638.9	2	1	4	1	1	3	
838.8	35 445.4	486.8	1 026.7	17 004.7	196 358.0	166 627.3	361 160.7	17 556.7	39 561.2	2	1	3	2	1	3	
109.9	5 246.1	71.2	163.2	3 156.5	29 337.1	122 471.9	151 439.2	6 203.8	10 829.3	2	2	1	1	2	29	
1 017.8	27 290.4	800.2	1 633.9	18 065.5	72 370.4	74 069.6	145 739.6	6 639.1	15 092.4	2	1	4	1	1	3	
86.0	1 628.7	72.0	135.7	1 122.4	4 230.2	4 915.4	9 164.7	125.6	1 507.5	8	7	10	5	5	12	
501.3	14 893.6	387.8	809.2	10 348.8	42 377.1	34 065.7	75 931.2	3 366.5	8 358.8	2	2	3	1	1	3	
685.8	24 987.5	540.4	1 155.7	17 959.1	69 587.3	111 945.3	180 314.4	6 671.7	24 051.5	2	1	4	1	1	2	
1 463.6	44 527.3	1 098.5	2 300.0	28 764.4	102 417.7	103 263.6	204 383.9	7 089.7	26 506.8	1	1	3	1	1	2	
1 925.8	67 431.1	1 261.1	2 631.4	36 340.4	176 093.4	180 393.5	353 337.8	9 971.3	57 106.2	1	1	2	1	1	2	
1 536.1	51 496.6	998.4	2 009.6	24 515.2	173 471.1	130 527.1	301 447.4	17 207.5	37 989.8	2	2	2	1	1	3	
1 518.3	63 891.6	1 064.2	2 215.2	40 457.5	173 912.7	286 667.8	461 803.9	13 302.9	57 664.2	1	1	1	1	1	1	
830.6	33 077.2	423.4	847.6	12 067.9	95 199.0	49 276.5	144 719.4	4 534.2	24 233.4	2	2	2	1	1	2	
392.3	9 683.4	279.7	556.6	5 434.3	25 615.0	21 346.6	46 670.2	1 243.5	8 066.0	3	3	8	2	2	6	
1 311.7	79 044.4	.1	.2	1.7	95.5	54.6	150.1	—	—	1	(X)	(X)	1	1	(X)	
1 519.7	39 622.2	1 120.3	2 314.0	25 362.0	179 787.8	267 937.3	446 868.6	11 812.1	34 827.3	1	1	2	1	1	2	
428.6	8 738.9	369.5	756.2	6 785.7	25 470.7	75 680.9	100 954.2	1 587.5	3 491.5	3	2	4	3	2	5	
125.8	2 898.1	107.9	243.1	2 322.4	8 909.4	42 456.7	51 314.4	440.9	1 178.6	4	2	5	4	3	5	
88.6	2 194.9	70.1	146.6	1 499.3	6 234.6	14 516.6	20 710.8	420.6	1 203.4	2	3	4	2	3	5	
214.3	3 645.9	191.5	366.4	2 964.0	10 326.7	18 707.7	28 929.0	725.9	1 109.4	5	3	9	5	3	9	
132.9	3 972.4	83.7	180.0	2 257.3	15 653.5	40 305.6	55 797.1	1 305.6	2 901.0	3	3	4	2	3	4	
1.5	43.4	1.0	2.1	27.1	180.6	770.0	947.0	6.9	33.3	3	8	37	3	4	38	
35.2	928.4	28.1	57.8	677.1	3 721.7	14 757.5	18 411.1	358.8	1 277.4	4	3	7	2	2	4	
15.4	545.4	9.9	21.7	287.7	2 944.1	4 639.7	7 500.3	248.9	649.1	5	11	11	4	8	6	
19.2	554.5	13.6	28.7	373.6	2 456.4	3 570.0	6 039.9	257.2	373.1	10	7	11	10	7	16	
61.6	1 900.6	31.0	69.6	891.7	6 301.6	16 568.4	22 898.9	433.8	568.1	4	4	6	3	4	7	
210.3	5 048.8	175.3	356.3	3 638.4	24 449.1	26 665.1	51 041.3	1 600.5	8 535.9	2	2	4	2	2	6	
21.2	602.9	17.5	38.1	460.4	4 411.4	3 251.2	7 664.0	238.8	927.0	5	2	3	2	1	2	
60.0	1 460.5	50.3	113.0	1 069.7	5 885.2	8 528.1	14 362.3	492.6	3 612.0	3	4	5	2	3	15	
13.8	362.7	11.3	21.6	241.7	1 251.3	1 704.4	2 949.2	120.1	870.0	6	6	6	5	4	10	
22.2	617.4	17.2	33.5	419.4	4 002.4	3 741.7	7 747.0	113.2	722.9	9	7	10	5	4	7	
49.2	1 029.5	42.5	80.5	759.2	3 916.7	5 157.8	9 056.0	366.3	1 811.7	4	4	12	4	3	11	
43.9	975.9	36.4	69.5	687.9	4 982.0	4 281.9	9 262.7	269.7	592.2	3	5	2	2	5	2	
105.5	3 469.3	73.9	162.9	2 233.3	26 055.6	31 472.4	57 496.3	1 977.5	3 385.4	2	3	2	2	2	2	
13.0	418.1	9.4	20.5	271.9	1 999.9	5 257.8	7 257.7	208.0	729.5	7	5	13	6	10	8	
16.6	758.6	13.8	30.7	603.5	8 922.1	2 519.8	11 479.4	369.0	327.6	3	1	1	2	1	1	
4.0	106.3	3.1	7.2	47.1	1 402.0	1 890.4	41.1	403.9	5	26	21	5	18	21	2044	
15.0	438.4	11.4	25.0	295.2	2 358.1	2 402.0	4 751.5	136.6	273.4	7	10	3	4	2	8	
9.2	393.1	6.2	14.5	248.6	4 075.8	4 507.2	8 537.1	774.5	492.9	1	1	1	1	1	1	
13.4	464.1	9.6	22.0	301.0	3 279.1	3 961.9	7 253.0	233.3	353.4	2	2	4	2	2	5	
34.2	890.6	20.3	43.0	441.6	4 943.4	11 421.7	16 327.1	215.0	804.9	3	8	10	3	5	9	
220.2	6 069.9	138.1	280.0	3 366.7	20 200.7	12 113.1	32 275.9	1 118.7	1 185.0	2	1	3	1	1	4	
155.9	4 296.7	87.1	177.7	2 138.4	12 501.5	7 261.8	19 762.4	462.7	462.7	2	1	2	2	1	3	
49.3	1 375.0	38.8	76.1	958.2	6 376.3	3 721.3	10 068.7	477.5	563.6	3	2	4	3	2	7	
15.0	398.2	12.2	26.2	270.2	1 322.9	1 130.0	2 444.8	93.7	158.7	9	7	13	7	4	11	
89.7	2 537.0	69.4	146.8	1 734.2	11 784.5	12 921.5	24 569.3	809.3	3 735.2	4	2	12	3	2	5	
5.3	166.8	3.4	9.0	103.4	568.8	825.2	1 403.4	57.4	359.8	11	19	43	10	11	24	
3.4	160.5	2.3	5.9	100.0	540.2	2 002.0	2 582.2	62.2	370.3	37	1	10	34	20	35	
8.5	257.3	7.5	15.9	210.5	879.4	1 947.0	2 765.0	122.0	745.5	8	6	3	8	7	3	
52.1	1 358.8	40.7	83.8	940.2	6 864.6	4 405.8	11 236.8	407.0	1 197.5	4	2	6	3	1	3	
9.9	345.0	7.0	14.2	213.3	1 548.4	1 799.7	3 334.3	88.6	414.8	3	2	12	3	2	9	
10.5	248.7	8.4	18.0	166.9	1 383.2	1 941.8	3 247.7	72.1	647.4	19	9	47	5	8	39	
25.8	797.9	17.8	40.4	493.5	4 414.4	17 175.4	21 528.3	343.8	1 885.3	2	4	3	2	3	7	
2.1	50.5	1.6	4.2	34.2	205.4	616.6	839.1	12.2	278.6	8	8	14	5	8	17	
7.4	242.8	5.1	11.1	148.8	2 086.8	11 272.3	13 275.5	161.7	1 065.3	1	1	1	1	1	1	
.8	24.7	.5	1.1	13.7	123.5	591.9	721.7	4.6	89.6	1	1	10	1	1	1	
8.5	244.9	5.6	12.9	148.0	837.1	1 173.8	2 020.2	81.0	98.8	5	7	8	5	5	29	
7.0	235.0	5.0	11.1	148.7	1 161.6	3 520.8	4 671.8	84.3	353.0	5	10	8	5	9	7	
141.0	4 991.6	71.7	148.6	2 460.0	32 448.7	32 075.4	64 398.0	2 026.5	6 488.6	5	2	3	4	2	3	
32.6	1 536.9	23.6	45.1	1 078.9	10 307.0	6 852.3	17 150.8	860.8	594.2	2	1	1	2	1	1	
1.2	49.3	.9	1.7	29.3	235.4	531.8	717.7	49.8	253.5	5	5	17	3	7	34	
16.3	522.7	7.5	15.1	197.0	2 219.3	2 629.6	4 798.2	209.4	2 386.3	10	7	12	12	6	12	
6.7	234.8	4.8	10.0	153.8	2 050.8	1 6										

Table 2. Statistics for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996									
		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
21	Tobacco products²	31.4	1 521.5	22.7	45.7	1 009.4	25 859.9	8 656.5	34 481.7	648.9	6 256.5
211	Cigarettes ²	20.5	1 236.0	14.7	29.3	842.5	23 442.4	5 557.4	28 986.5	604.8	5 506.0
2111	Cigarettes ²	20.5	1 236.0	14.7	29.3	842.5	23 442.4	5 557.4	28 986.5	604.8	5 506.0
212	Cigars ²	2.9	66.0	2.2	4.5	41.6	286.5	163.4	449.8	2.0	42.4
2121	Cigars ²	2.9	66.0	2.2	4.5	41.6	286.5	163.4	449.8	2.0	42.4
213	Chewing and smoking tobacco ²	2.4	75.7	1.8	3.7	45.8	1 507.5	313.6	1 817.8	14.7	154.5
2131	Chewing and smoking tobacco ²	2.4	75.7	1.8	3.7	45.8	1 507.5	313.6	1 817.8	14.7	154.5
214	Tobacco stemming and redrying ²	5.5	143.9	4.0	8.2	79.5	623.5	2 622.0	3 227.6	27.4	553.5
2141	Tobacco stemming and redrying ²	5.5	143.9	4.0	8.2	79.5	623.5	2 622.0	3 227.6	27.4	553.5
22	Textile mill products	576.4	13 214.8	489.0	1 015.8	9 774.8	32 554.9	47 526.5	80 242.0	2 665.7	9 478.2
221	Broadwoven fabric mills, cotton	51.9	1 216.4	46.7	97.5	1 005.9	2 470.6	4 219.0	6 698.6	292.4	928.5
2211	Broadwoven fabric mills, cotton	51.9	1 216.4	46.7	97.5	1 005.9	2 470.6	4 219.0	6 698.6	292.4	928.5
222	Broadwoven fabric mills, manmade fiber and silk	73.9	1 816.1	63.0	133.0	1 393.9	4 306.5	5 356.7	9 749.8	453.7	1 426.5
2221	Broadwoven fabric mills, manmade fiber and silk	73.9	1 816.1	63.0	133.0	1 393.9	4 306.5	5 356.7	9 749.8	453.7	1 426.5
223	Broadwoven fabric mills, wool	13.4	298.1	11.7	23.7	231.8	672.8	1 061.3	1 756.0	19.5	325.2
2231	Broadwoven fabric mills, wool	13.4	298.1	11.7	23.7	231.8	672.8	1 061.3	1 756.0	19.5	325.2
224	Narrow fabric mills	16.7	370.2	13.4	27.5	235.5	816.7	706.7	1 524.0	83.6	267.2
2241	Narrow fabric mills	16.7	370.2	13.4	27.5	235.5	816.7	706.7	1 524.0	83.6	267.2
225	Knitting mills	169.3	3 404.9	147.1	292.0	2 567.0	8 986.2	10 421.0	19 516.7	533.6	2 083.2
2251	Women's hosiery, except socks	17.8	315.5	15.8	30.9	247.2	799.2	719.3	1 506.7	36.1	232.1
2252	Hosiery, n.e.c.	38.4	679.1	33.0	63.6	507.8	1 602.7	1 627.0	3 209.9	82.0	342.9
2253	Knit outerwear mills	46.1	904.0	40.7	80.0	701.2	3 160.2	2 827.8	6 116.3	93.2	656.9
2254	Knit underwear mills	8.5	144.7	8.0	14.3	126.2	402.5	426.2	834.1	13.9	100.4
2257	Weft knit fabrics mills	33.8	787.9	28.8	59.2	571.3	1 706.4	3 177.3	4 895.5	202.5	364.1
2258	Lace and warp knit fabrics mills	21.0	499.5	17.5	37.8	358.1	1 155.4	1 491.3	2 641.7	99.9	344.6
2259	Knitting mills, n.e.c.	3.8	74.1	3.3	6.3	55.1	160.0	152.1	312.4	5.9	42.3
226	Textile finishing, except wool	51.0	1 306.7	41.1	90.7	901.4	3 144.9	4 139.6	7 270.5	220.1	696.8
2261	Finishing plants, cotton	20.0	448.6	16.2	34.2	320.3	986.3	1 429.2	2 404.5	100.6	278.3
2262	Finishing plants, manmade	22.5	636.8	17.9	42.5	442.9	1 762.1	2 145.6	3 904.5	86.8	316.6
2269	Finishing plants, n.e.c.	8.5	221.2	7.1	14.0	138.3	396.5	564.7	961.5	32.8	101.9
227	Carpets and rugs	55.0	1 367.6	43.8	95.0	907.5	4 075.5	7 124.7	11 183.5	175.5	1 445.6
2273	Carpets and rugs	55.0	1 367.6	43.8	95.0	907.5	4 075.5	7 124.7	11 183.5	175.5	1 445.6
228	Yarn and thread mills	83.9	1 805.3	75.7	157.6	1 490.7	3 806.1	8 993.9	12 823.1	423.2	1 014.0
2281	Yarn spinning mills	60.6	1 301.1	55.1	116.1	1 099.7	2 576.2	5 972.0	8 543.1	234.0	687.9
2282	Throwing and winding mills	17.0	381.9	15.1	30.7	304.0	851.8	2 501.0	3 360.2	174.5	238.4
2284	Thread mills	6.3	122.3	5.5	10.9	86.9	378.2	520.9	919.8	14.6	87.6
229	Miscellaneous textile goods	61.3	1 629.5	46.6	98.8	1 041.2	4 275.5	5 503.6	9 719.9	464.1	1 291.3
2295	Coated fabrics, not rubberized	10.5	337.9	7.6	16.3	209.9	827.7	1 074.8	1 906.1	89.8	235.8
2296	Tire cord and fabrics	4.9	125.3	4.0	9.0	90.8	231.1	829.1	1 057.7	55.9	117.4
2297	Nonwoven fabrics	19.0	551.2	14.1	29.5	352.5	1 647.8	1 899.6	3 513.1	193.8	442.3
2298	Cordage and twine	7.7	172.6	6.1	12.7	104.5	434.7	418.5	838.9	21.7	171.9
2299	Textile goods, n.e.c.	19.2	442.6	14.7	31.2	283.4	1 134.3	1 281.7	2 404.0	102.8	324.0
23	Apparel and other textile products	864.9	14 919.6	726.5	1 356.3	10 397.2	38 366.2	38 990.1	77 628.1	964.2	10 015.5
231	Men's and boys' suits and coats	27.1	515.9	22.2	41.5	348.6	1 238.6	716.4	1 968.3	21.8	356.3
2311	Men's and boys' suits and coats	27.1	515.9	22.2	41.5	348.6	1 238.6	716.4	1 968.3	21.8	356.3
232	Men's and boys' furnishings	199.7	3 094.2	177.6	325.6	2 434.1	9 422.9	8 925.9	18 507.1	200.3	2 313.7
2321	Men's and boys' shirts	59.1	933.5	53.1	101.1	745.7	2 287.4	2 579.9	4 938.6	54.9	733.3
2322	Men's and boys' underwear and nightwear	6.9	100.7	6.5	13.1	84.6	284.9	294.7	589.7	5.5	93.3
2323	Men's and boys' neckwear	4.7	94.6	3.5	5.5	55.9	300.1	347.9	652.2	3.0	90.5
2325	Men's and boys' trousers and slacks	70.9	1 071.7	64.3	114.5	880.5	3 897.9	3 721.5	7 657.8	82.5	711.6
2326	Men's and boys' work clothing	23.4	335.4	19.6	33.8	242.3	1 160.5	786.4	1 991.0	18.8	286.1
2329	Men's and boys' clothing, n.e.c.	34.7	558.2	30.6	57.7	425.2	1 492.0	1 195.6	2 677.8	35.6	419.9
233	Women's and misses' outerwear	294.1	4 606.3	249.5	456.6	3 118.6	11 044.9	11 120.7	22 282.4	188.7	2 727.1
2331	Women's, misses', and juniors' blouses and shirts	42.9	654.6	35.6	68.4	434.0	1 689.2	1 957.2	3 648.9	18.6	464.4
2335	Women's, misses', and juniors' dresses	93.3	1 475.8	80.5	151.1	1 037.6	3 489.6	3 108.1	6 606.1	72.1	699.3
2337	Women's, misses', and juniors' suits and coats	33.0	621.8	26.8	47.1	374.3	1 511.0	2 024.1	3 595.6	16.5	456.1
2339	Women's, misses', and juniors' outerwear, n.e.c.	124.9	1 854.1	106.6	189.9	1 272.7	4 355.0	4 031.4	8 431.8	81.5	1 107.4
234	Women's and children's undergarments	38.1	645.3	32.0	58.5	428.5	1 915.6	2 282.6	4 243.8	29.0	681.6
2341	Women's and children's underwear	25.5	378.1	22.6	39.2	282.5	1 003.4	1 293.9	2 329.8	17.7	375.9
2342	Brassieres, girdles, and allied garments	12.6	267.2	9.4	19.4	146.0	912.3	988.7	1 913.9	11.3	305.7
235	Hats, caps, and millinery	17.1	306.8	14.3	26.0	227.8	599.2	363.5	976.7	21.3	196.8
2353	Hats, caps, and millinery	17.1	306.8	14.3	26.0	227.8	599.2	363.5	976.7	21.3	196.8
236	Girls' and children's outerwear	33.5	541.5	27.5	52.0	364.4	2 063.0	1 813.3	3 873.9	20.1	449.7
2361	Girls' and children's dresses and blouses	11.6	186.7	8.8	14.8	109.0	769.6	859.4	1 635.6	4.6	92.9
2369	Girls' and children's outerwear, n.e.c.	21.9	354.8	18.6	37.2	255.4	1 293.5	954.0	2 238.3	15.4	356.8
237	Fur goods	.8	14.4	.5	.9	7.4	34.1	70.7	103.9	1.5	17.1
2371	Fur goods	.8	14.4	.5	.9	7.4	34.1	70.7	103.9	1.5	17.1
238	Miscellaneous apparel and accessories	30.6	554.0	24.5	48.8	343.7	1 444.6	1 320.6	2 737.6	16.4	525.7
2381	Fabrics dress and work gloves	3.4	67.5	2.8	5.4	52.1	236.3	169.7	404.4	2.7	58.2
2384	Robes and dressing gowns	2.6	44.9	2.0	5.4	29.8	107.7	132.6	241.9	.7	49.9
2385	Waterproof outerwear	2.7	46.2	2.2	4.1	30.6	109.9	73.2	180.1	.8	20.0
2386	Leather and sheep-lined clothing	1.8	25.6	1.5	2.5	15.9	75.5	116.2	189.9	.2	23.3
2387	Apparel belts	7.5	159.6	5.6	11.4	75.4	403.6	355.8	762.3	3.6	122.9
2389	Apparel and accessories, n.e.c.	12.7	210.4	10.3	19.9	139.8	511.6	473.1	959.0	8.4	251.4

See footnotes at end of table.

1995										Standard error of estimate ¹ (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)						A	F	I	K	P	S	
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S	
31.3	1 483.9	22.2	44.7	976.4	24 715.4	8 251.9	32 983.8	411.0	6 100.3	1	1	1	1	1	1	21
20.1	1 181.7	14.4	28.4	809.0	22 264.1	5 316.4	27 608.9	370.2	5 350.0	1	1	1	1	1	1	211
20.1	1 181.7	14.4	28.4	809.0	22 264.1	5 316.4	27 608.9	370.2	5 350.0	1	1	1	1	1	1	2111
2.6	58.5	2.0	4.1	36.5	249.9	141.0	390.9	1.0	39.6	6	6	22	1	1	5	212
2.6	58.5	2.0	4.1	36.5	249.9	141.0	390.9	1.0	39.6	6	6	22	1	1	5	2121
2.9	99.7	1.8	4.0	52.1	1 600.0	372.1	1 974.5	15.9	206.8	6	2	1	1	1	1	213
2.9	99.7	1.8	4.0	52.1	1 600.0	372.1	1 974.5	15.9	206.8	6	2	1	1	1	1	2131
5.7	143.9	4.0	8.2	78.8	601.4	2 422.4	3 009.5	24.0	503.8	1	1	1	1	1	1	214
5.7	143.9	4.0	8.2	78.8	601.4	2 422.4	3 009.5	24.0	503.8	1	1	1	1	1	1	2141
609.7	13 481.7	519.6	1 067.4	10 006.8	32 835.7	47 493.2	79 873.8	2 885.9	9 841.1	2	2	3	2	2	4	22
55.8	1 271.3	50.4	106.0	1 055.3	2 536.8	4 318.3	6 750.6	392.6	927.9	2	8	2	3	11	25	221
55.8	1 271.3	50.4	106.0	1 055.3	2 536.8	4 318.3	6 750.6	392.6	927.9	2	8	2	3	11	25	2211
80.8	1 909.5	69.7	143.9	1 467.6	4 344.3	5 613.2	9 810.1	623.1	1 556.3	5	5	7	2	2	4	222
80.8	1 909.5	69.7	143.9	1 467.6	4 344.3	5 613.2	9 810.1	623.1	1 556.3	5	5	7	2	2	4	2221
13.9	309.3	12.1	24.4	242.1	720.6	1 121.4	1 828.6	26.6	348.0	3	2	2	2	2	1	223
13.9	309.3	12.1	24.4	242.1	720.6	1 121.4	1 828.6	26.6	348.0	3	2	2	2	2	1	2231
17.3	375.9	13.8	27.8	236.5	850.6	706.1	1 542.8	65.8	286.2	13	14	26	10	11	17	224
17.3	375.9	13.8	27.8	236.5	850.6	706.1	1 542.8	65.8	286.2	13	14	26	10	11	17	2241
182.3	3 510.7	158.6	313.7	2 685.0	9 029.8	10 305.4	19 309.6	474.2	2 249.1	2	2	5	2	2	3	225
19.5	348.9	16.8	35.4	274.7	830.0	762.6	1 568.1	39.0	233.9	9	10	5	8	8	3	2251
38.6	656.9	33.2	65.2	490.8	1 357.5	1 463.0	2 839.5	57.6	328.6	5	6	18	4	3	9	2252
51.3	922.3	46.2	86.8	738.2	3 057.7	2 740.1	5 763.9	92.2	777.7	4	2	11	3	3	4	2253
11.4	197.0	10.8	19.5	175.6	453.4	502.2	972.1	22.2	139.2	13	10	9	9	8	8	2254
36.8	816.9	31.1	63.2	593.7	1 959.9	3 238.8	5 212.4	150.4	382.2	4	4	6	2	2	7	2257
20.9	494.6	17.4	37.3	358.3	1 210.4	1 449.0	2 645.5	109.6	342.4	3	4	6	3	3	6	2258
3.7	74.1	3.2	6.2	53.8	160.9	149.8	308.1	3.2	45.1	7	5	11	6	5	20	2259
51.8	1 274.5	42.3	91.0	881.3	3 153.6	4 258.5	7 386.6	289.7	704.6	13	14	11	9	6	7	226
18.2	410.8	15.0	32.2	295.0	1 019.0	1 441.8	2 421.3	122.8	261.4	14	11	19	5	5	13	2261
23.9	641.2	19.1	43.2	444.5	1 719.5	2 200.9	3 913.8	124.5	344.6	6	4	4	3	3	5	2262
9.7	222.5	8.2	15.6	141.7	415.0	615.9	1 051.5	42.4	98.5	67	(A)	39	43	38	24	2269
55.5	1 333.8	43.5	91.3	874.8	4 051.3	6 744.5	10 762.4	182.5	1 400.9	2	1	2	2	1	3	227
55.5	1 333.8	43.5	91.3	874.8	4 051.3	6 744.5	10 762.4	182.5	1 400.9	2	1	2	2	1	3	2273
88.8	1 838.6	80.5	167.2	1 522.3	4 088.0	8 778.5	12 827.7	478.0	1 049.2	3	3	7	2	2	4	228
64.5	1 322.0	58.8	122.9	1 122.1	2 845.8	5 668.1	8 465.4	350.8	662.3	3	3	11	2	3	5	2281
17.8	389.0	16.0	32.4	307.4	851.0	2 534.1	3 390.4	105.5	255.4	7	6	6	5	5	3	2282
6.5	127.6	5.7	11.8	92.8	391.2	576.4	971.9	21.7	131.4	2	2	15	1	1	18	2284
63.5	1 658.1	48.5	102.1	1 041.8	4 060.9	5 647.3	9 655.6	353.4	1 319.0	5	5	8	5	5	10	229
11.1	360.0	7.6	16.8	206.1	812.7	1 023.7	1 827.9	74.8	236.4	10	16	34	9	16	40	2295
5.0	129.9	4.2	8.9	97.3	225.4	824.9	1 056.2	25.5	113.4	2	2	1	1	2	1	2296
20.4	563.4	15.4	33.1	358.4	1 500.3	2 125.3	3 616.3	158.5	497.9	13	7	8	12	5	8	2297
7.5	165.8	6.0	12.2	103.3	388.3	455.2	831.2	14.3	156.2	11	10	21	7	8	11	2298
19.5	439.0	15.3	31.1	276.7	1 134.1	1 218.2	2 324.0	80.3	315.1	7	9	15	6	9	8	2299
946.6	15 703.5	792.0	1 458.3	11 021.6	39 487.4	38 950.9	78 103.4	1 187.4	11 534.9	3	2	5	2	2	3	23
31.1	549.6	26.3	48.4	393.7	1 283.0	797.3	2 078.4	25.7	405.4	12	8	43	9	6	37	231
31.1	549.6	26.3	48.4	393.7	1 283.0	797.3	2 078.4	25.7	405.4	12	8	43	9	6	37	2311
234.2	3 503.3	206.6	374.1	2 737.3	10 149.7	8 672.0	18 698.3	262.1	2 520.0	5	3	6	4	3	3	232
71.0	1 068.0	64.4	119.0	856.7	2 689.3	2 582.4	5 185.8	81.8	851.3	12	6	6	8	3	6	2321
7.8	116.0	7.5	14.7	104.3	317.2	276.1	591.6	5.7	87.5	26	19	12	22	13	11	2322
5.6	114.0	4.0	6.6	64.8	401.8	391.0	791.8	4.0	108.9	30	10	22	20	14	49	2323
79.4	1 193.8	70.4	126.8	937.9	4 246.1	3 307.3	7 506.4	98.0	683.7	7	3	3	5	2	5	2325
28.6	377.6	24.8	41.8	300.6	1 019.0	852.0	1 863.2	15.8	316.8	14	16	19	3	15	12	2326
41.8	633.8	35.5	65.2	473.0	1 476.2	1 263.1	2 759.5	56.7	471.8	9	7	27	5	6	8	2329
312.7	4 873.4	263.4	476.9	3 319.5	11 327.3	11 583.0	22 826.7	204.1	3 704.8	5	3	6	3	3	6	233
47.8	725.4	39.3	73.9	484.4	1 745.6	2 046.3	3 796.9	19.6	555.0	8	7	6	6	5	12	2331
99.3	1 504.2	85.1	152.1	1 054.5	3 562.9	3 381.4	6 928.2	67.3	1 126.1	11	7	13	7	5	6	2335
38.8	716.2	31.1	54.8	424.9	1 583.7	2 127.9	3 688.0	29.0	607.5	7	7	7	5	6	30	2337
126.9	1 927.6	107.9	196.1	1 355.6	4 435.2	4 027.5	8 413.5	88.1	1 416.2	5	4	8	5	4	7	2339
45.9	770.8	38.0	72.5	507.4	2 217.8	2 364.5	4 577.0	29.1	808.1	13	13	21	10	10	17	234
30.2	447.4	26.3	47.8	332.9	1 197.8	1 300.7	2 493.8	13.1	464.5	18	24	34	10	18	18	2341
15.7	323.4	11.7	24.6	174.5	1 020.0	1 063.8	2 083.3	16.1	343.5	15	10	10	19	7	26	2342
18.0	314.9	14.8	26.8	226.1	674.2	372.4	1 039.5	16.3	214.3	12	11	43	12	13	12	235
18.0	314.9	14.8	26.8	226.1	674.2	372.4	1 039.5	16.3	214.3	12	11	43	12	13	12	2353
42.6	624.0	34.1	64.0	418.5	2 002.5	1 648.2	3 604.7	24.1	525.8	16	15	5	10	14	17	236
17.3	239.7	13.1	22.6	143.0	781.2	887.2	1 631.3	7.6	152.9	38	9	12	15	7	19	2361
25.4	384.2	21.0	41.4	275.5	1 241.4	761.0	1 973.4	16.5	372.9	14	23	5	12	22	22	2369
.6	13.1	.3	.7	6.5	30.4	69.8	101.3	1.1	16.3	16	40	29	16	46	36	237
.6	13.1	.3	.7	6.5	30.4	69.8	101.3	1.1	16.3	16	40	29	16	46	36	2371
33.2	554.5	26.5	50.7	352.6	1 425.8	1 276.7	2 689.2	17.0	493.7	9	5	11	7	6	12	238
4.2	76.4	3.6	5													

Table 2. Statistics for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996									
		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
23	Apparel and other textile products—Con.										
239	Miscellaneous fabricated textile products.....	223.8	4 641.2	178.5	346.5	3 124.0	10 603.2	12 376.3	22 934.4	465.0	2 747.4
2391	Curtains and draperies	19.9	331.5	14.9	27.2	210.0	490.7	659.5	1 162.2	22.0	162.3
2392	Housefurnishings, n.e.c.	48.7	935.9	40.9	81.7	682.9	2 911.5	3 464.7	6 354.4	86.0	1 000.8
2393	Textile bags	13.3	221.3	10.9	21.7	151.4	411.1	470.1	873.6	22.8	137.3
2394	Canvas and related products	15.7	315.0	12.2	23.5	215.2	727.9	731.3	1 441.0	22.0	172.3
2395	Pleating and stitching.....	16.3	269.7	12.7	25.7	176.1	407.2	304.7	713.4	32.3	78.4
2396	Automotive and apparel trimmings	64.4	1 665.4	50.3	97.2	1 106.8	3 333.9	4 276.6	7 626.5	165.6	653.5
2397	Schiffli machine embroideries	4.6	95.0	3.8	7.6	65.4	155.2	132.9	288.7	3.4	30.7
2399	Fabricated textile products, n.e.c.	40.9	807.3	32.8	61.9	516.3	2 165.8	2 336.6	4 474.6	110.8	512.2
24	Lumber and wood products	738.7	17 313.6	612.8	1 248.6	12 702.0	41 485.9	65 173.0	106 518.1	3 305.1	10 424.0
241	Logging	83.0	1 856.0	68.3	134.1	1 442.4	5 775.3	9 660.5	15 411.1	539.4	577.8
2411	Logging	83.0	1 856.0	68.3	134.1	1 442.4	5 775.3	9 660.5	15 411.1	539.4	577.8
242	Sawmills and planing mills	171.5	4 128.8	147.4	313.7	3 216.9	10 403.8	19 285.4	29 697.1	1 070.5	3 979.2
2421	Sawmills and planing mills, general	138.0	3 465.1	117.9	256.4	2 693.5	9 034.9	17 704.2	26 740.3	999.9	3 573.2
2426	Hardwood dimension and flooring mills	31.7	631.4	28.1	54.5	500.8	1 297.1	1 494.6	2 802.8	66.1	383.9
2429	Special product sawmills, n.e.c.	1.8	32.4	1.4	2.8	22.6	71.9	86.6	153.9	4.5	22.1
243	Millwork, plywood, and structural members	257.3	6 233.2	209.2	428.6	4 466.2	13 274.0	18 632.2	31 797.6	710.7	3 328.6
2431	Millwork	95.3	2 363.7	76.4	151.7	1 638.9	5 143.7	6 753.3	11 839.3	199.8	1 481.2
2434	Wood kitchen cabinets	71.7	1 607.3	57.6	116.1	1 142.7	3 667.7	2 952.1	6 591.8	157.9	638.8
2435	Hardwood veneer and plywood	21.3	455.7	18.3	37.8	338.2	823.6	1 805.1	2 622.5	37.7	373.8
2436	Softwood veneer and plywood	31.9	930.7	28.6	64.9	802.3	1 863.5	4 166.3	6 032.5	208.4	421.3
2439	Structural wood members, n.e.c.	37.1	875.8	28.4	58.1	544.1	1 775.6	2 955.3	4 711.6	106.9	413.4
244	Wood containers	50.9	893.2	42.7	82.2	623.6	1 908.5	2 170.2	4 059.0	87.6	355.2
2441	Nailed wood boxes and shooks	6.3	127.8	5.2	10.3	86.3	270.4	253.5	523.4	4.4	52.8
2448	Wood pallets and skids	38.5	656.2	32.3	62.1	463.1	1 431.5	1 681.2	3 108.2	76.7	216.8
2449	Wood containers, n.e.c.	6.2	109.3	5.1	9.8	74.2	206.6	235.4	427.5	6.5	85.6
245	Wood buildings and mobile homes	81.8	2 077.3	67.5	132.3	1 420.8	4 606.1	7 289.6	11 889.2	181.9	579.5
2451	Mobile homes	60.4	1 551.3	51.4	100.2	1 097.7	3 484.4	5 533.8	9 018.7	140.3	325.6
2452	Prefabricated wood buildings	21.4	526.0	16.1	32.1	323.1	1 121.7	1 755.8	2 870.5	41.6	253.9
249	Miscellaneous wood products	94.2	2 125.1	77.8	157.7	1 532.2	5 518.2	8 135.2	13 664.0	715.0	1 603.7
2491	Wood preserving	11.1	275.7	8.8	18.6	180.7	796.0	2 884.9	3 707.1	54.0	517.0
2493	Reconstituted wood products	26.1	790.6	21.1	46.1	587.0	2 357.9	2 790.7	5 140.8	573.0	392.0
2499	Wood products, n.e.c.	57.0	1 058.8	47.9	93.0	764.5	2 364.2	2 459.6	4 816.1	88.0	694.7
25	Furniture and fixtures	514.5	12 413.8	414.2	836.7	8 350.8	27 200.3	28 540.5	55 696.7	1 252.4	6 483.8
251	Household furniture	273.2	5 674.3	232.5	452.8	4 171.1	12 463.6	12 980.0	25 426.2	480.6	3 534.6
2511	Wood household furniture	125.4	2 466.5	108.8	213.9	1 868.3	5 356.2	5 178.8	10 517.4	273.3	2 132.5
2512	Upholstered household furniture	88.7	1 928.9	76.9	146.5	1 455.7	3 829.8	4 255.1	8 074.8	80.8	773.9
2514	Metal household furniture	22.3	491.3	18.0	35.9	328.0	1 020.5	1 057.0	2 095.8	43.2	286.2
2515	Mattresses and bedsprings	26.9	598.0	20.4	39.7	378.4	1 823.6	1 938.0	3 754.3	58.0	255.2
2517	Wood television and radio cabinets	4.5	93.9	4.0	8.1	72.8	216.9	254.5	471.3	3.8	38.6
2519	Household furniture, n.e.c.	5.3	95.7	4.3	8.8	67.9	216.6	296.7	512.6	21.6	48.1
252	Office furniture	69.5	2 172.3	53.3	114.6	1 359.7	5 447.1	4 011.3	9 443.8	358.3	829.0
2521	Wood office furniture	24.9	627.7	19.4	42.8	410.6	1 297.7	976.3	2 267.4	79.6	299.3
2522	Office furniture, except wood	44.6	1 544.7	33.9	71.8	949.1	4 149.4	3 035.1	7 176.4	278.7	529.7
253	Public building and related furniture	37.4	1 031.0	29.1	59.8	681.3	2 289.6	5 100.6	7 365.5	127.7	447.0
2531	Public building and related furniture	37.4	1 031.0	29.1	59.8	681.3	2 289.6	5 100.6	7 365.5	127.7	447.0
254	Partitions and fixtures	81.0	2 245.8	60.7	131.2	1 384.9	4 182.2	3 754.6	7 951.2	176.6	955.6
2541	Wood partitions and fixtures	40.8	1 139.1	30.5	64.6	725.0	2 098.6	1 655.6	3 742.0	92.3	413.5
2542	Partitions and fixtures, except wood	40.2	1 106.8	30.2	66.6	659.9	2 083.6	2 099.1	4 209.2	84.3	542.1
259	Miscellaneous furniture and fixtures	53.5	1 290.3	38.7	78.4	753.7	2 817.8	2 693.9	5 510.1	109.3	717.6
2591	Drapery hardware and blinds and shades	19.6	413.1	13.6	27.9	248.5	1 010.9	1 144.2	2 158.8	30.5	355.6
2599	Furniture and fixtures, n.e.c.	33.8	877.2	25.1	50.5	505.2	1 806.8	1 549.7	3 351.2	78.8	362.0
26	Paper and allied products	630.6	22 946.5	487.5	1 051.0	15 784.9	72 289.9	88 074.7	160 661.0	9 301.6	15 887.3
261	Pulp mills	15.0	700.7	11.1	23.9	481.9	2 201.1	3 278.7	5 507.9	698.1	724.8
2611	Pulp mills	15.0	700.7	11.1	23.9	481.9	2 201.1	3 278.7	5 507.9	698.1	724.8
262	Paper mills	116.4	5 598.5	90.3	197.3	4 101.6	18 848.0	20 595.6	39 565.7	3 142.5	4 257.2
2621	Paper mills	116.4	5 598.5	90.3	197.3	4 101.6	18 848.0	20 595.6	39 565.7	3 142.5	4 257.2
263	Paperboard mills	54.8	2 599.3	41.7	94.9	1 842.6	9 654.5	10 603.6	20 270.9	2 359.8	1 502.1
2631	Paperboard mills	54.8	2 599.3	41.7	94.9	1 842.6	9 654.5	10 603.6	20 270.9	2 359.8	1 502.1
265	Paperboard containers and boxes	212.0	6 726.8	162.7	351.4	4 338.2	15 668.4	24 634.1	40 389.1	1 351.7	3 976.3
2652	Setup paperboard boxes	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
2653	Corrugated and solid fiber boxes	127.4	4 060.3	94.7	203.2	2 462.8	9 359.6	16 498.9	25 913.6	861.8	2 117.8
2655	Fiber cans, drums, and similar products	11.9	356.0	9.9	21.8	262.2	881.6	1 240.1	2 120.2	36.5	178.8
2656	Sanitary food containers	13.6	389.4	11.5	24.0	302.6	1 074.3	1 581.5	2 652.0	70.6	362.7
2657	Folding paperboard boxes	53.2	1 777.3	42.8	94.2	1 224.2	4 004.8	4 985.1	9 025.9	349.7	1 199.4
267	Miscellaneous converted paper products	232.4	7 321.2	181.6	383.5	5 020.6	25 917.8	28 962.7	54 927.3	1 749.5	5 426.9
2671	Paper coated and laminated, packaging	20.2	708.5	15.1	32.7	481.6	1 758.6	2 898.3	4 663.6	190.8	655.7
2672	Paper coated and laminated, n.e.c.	33.7	1 232.3	23.1	49.7	734.4	4 562.5	5 218.8	9 788.7	230.5	949.3
2673	Bags: plastics, laminated, and coated	41.0	1 138.6	33.5	70.0	777.5	3 131.1	3 803.0	6 922.3	341.6	673.9
2674	Bags: uncoated paper and multiwall	18.1	451.0	15.4	32.7	345.8	1 152.7	1 840.2	2 984.4	60.8	419.8
2675	Die-cut paper and board	16.6	453.8	13.2	27.7	296.6	1 079.1	1 435.3	2 502.1	44.2	262.7
2676	Sanitary paper products	36.0	1 464.4	29.9	65.7	1 151.6	9 097.3	8 169.4	17 303.9	671.4	1 095.2
2677	Envelopes	23.8	707.1	19.0	38.6	471.9	1 534.1	1 755.7	3 286.5	61.8	333.3
2678	Stationery products	9.2	238.3	6.8	13.1	151.2	712.4	838.1	1 560.7	18.3	279.0
2679	Converted paper products, n.e.c.	33.8	927.2	25.7	53.4	610.0	2 890.2	3 003.9	5 915.1	130.1	758.1

See footnotes at end of table.

1995											Standard error of estimate ¹ (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)						A	F	I	K	P	S		
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S		
																23	
228.1	4 500.1	181.8	344.0	3 060.0	10 376.5	12 167.0	22 488.1	607.9	2 846.7	4	4	9	3	3	6	239	
23.0	361.3	16.9	29.4	221.3	635.4	706.4	1 333.3	23.5	263.3	19	42	39	20	34	34	2391	
51.4	904.6	43.1	81.9	666.7	2 814.0	3 484.4	6 282.8	83.5	979.1	3	3	10	3	3	10	2392	
14.3	221.7	11.7	22.7	149.2	416.1	501.5	911.3	14.9	135.0	9	10	5	7	7	12	2393	
15.8	294.2	12.4	23.3	204.1	660.1	677.0	1 320.9	26.1	174.0	16	9	16	14	8	20	2394	
15.0	260.3	12.0	23.7	173.7	427.4	296.7	717.2	26.8	68.9	10	15	51	6	10	31	2395	
64.8	1 592.1	50.3	96.7	1 089.2	3 340.1	4 043.5	7 384.1	326.5	682.4	4	3	6	3	4	3	2396	
4.7	95.5	3.9	7.5	61.8	154.4	122.0	281.1	1.4	30.0	11	13	22	8	7	7	2397	
39.1	770.4	31.5	58.8	494.0	1 929.1	2 335.4	4 257.5	105.1	513.9	11	11	30	6	7	25	2399	
740.2	16 675.4	613.8	1 247.7	12 263.5	40 987.6	64 390.4	104 944.3	3 059.5	10 576.8	2	2	3	1	1	3	24	
84.8	1 870.3	69.9	138.5	1 456.5	6 009.8	10 514.0	16 465.2	588.7	582.3	4	3	7	3	2	5	241	
84.8	1 870.3	69.9	138.5	1 456.5	6 009.8	10 514.0	16 465.2	588.7	582.3	4	3	7	3	2	5	2411	
179.3	4 118.8	153.8	324.8	3 214.3	10 159.3	18 938.8	28 860.5	934.0	4 205.9	4	3	6	3	3	6	242	
143.0	3 448.3	121.7	262.1	2 684.0	8 698.4	17 297.8	25 776.4	852.3	3 749.8	3	3	6	2	3	7	2421	
34.5	639.4	30.6	59.9	508.6	1 394.8	1 553.3	2 928.8	78.0	436.6	14	10	14	8	8	20	2426	
1.8	31.0	1.4	2.8	21.6	66.1	87.7	155.3	3.7	19.4	16	23	24	13	19	22	2429	
255.9	5 963.8	208.7	424.1	4 286.2	13 189.1	18 115.7	31 249.5	705.9	3 252.8	2	3	4	2	2	4	243	
94.8	2 231.0	76.3	149.7	1 554.0	4 622.1	6 497.1	11 156.8	192.4	1 420.8	4	4	6	3	4	5	2431	
72.4	1 573.2	58.3	117.0	1 111.1	3 557.4	2 884.7	6 417.6	159.2	617.0	4	4	7	3	3	5	2434	
22.0	455.6	18.8	38.7	338.5	853.6	1 790.9	2 641.7	32.2	393.4	3	15	11	4	12	24	2435	
32.4	930.6	29.1	66.2	803.8	2 524.9	4 354.4	6 827.5	184.4	476.1	4	4	5	4	4	6	2436	
34.3	773.5	26.1	52.6	478.9	1 631.1	2 588.6	4 205.9	137.6	345.5	6	7	14	6	7	15	2439	
50.1	855.7	41.9	80.5	595.6	1 857.1	2 141.5	3 989.2	90.3	350.4	4	4	6	3	3	5	244	
6.1	123.5	5.1	9.8	84.3	245.2	275.1	519.6	4.0	51.6	6	10	21	6	7	17	2441	
38.1	629.8	32.0	61.4	440.9	1 436.2	1 646.9	3 071.3	82.0	226.6	4	4	6	4	3	5	2448	
5.9	102.5	4.9	9.3	70.4	175.7	219.4	398.3	4.3	72.2	15	21	33	11	15	24	2449	
76.0	1 847.7	61.9	123.7	1 264.0	4 104.4	6 770.2	10 860.5	138.7	544.9	4	3	5	3	3	9	245	
54.5	1 342.1	45.8	92.0	959.4	3 036.2	5 088.8	8 115.2	89.3	306.9	4	4	6	3	4	10	2451	
21.5	505.6	16.1	31.7	304.6	1 068.2	1 681.4	2 745.3	49.5	238.0	7	7	12	6	6	17	2452	
94.1	2 019.1	77.6	156.1	1 447.0	5 668.0	7 910.3	13 519.5	601.9	1 640.5	3	3	3	2	2	3	249	
11.4	272.0	9.1	19.0	180.8	747.3	2 921.0	3 675.0	70.1	539.9	11	9	14	8	9	15	2491	
25.0	728.1	20.4	44.8	534.1	2 606.9	2 604.1	5 201.7	438.4	384.5	2	2	2	2	1	1	2493	
57.7	1 019.1	48.2	92.2	732.1	2 313.7	2 385.2	4 642.8	93.4	716.0	4	4	16	3	3	7	2499	
511.3	11 852.2	412.8	828.8	7 995.7	26 339.1	27 205.0	53 473.9	1 223.8	6 583.3	2	2	5	2	2	6	25	
271.2	5 501.2	231.0	453.6	4 032.4	11 900.9	12 612.7	24 458.1	528.3	3 618.1	3	3	9	2	3	12	251	
125.7	2 397.4	109.7	215.6	1 826.2	5 283.6	5 028.9	10 241.5	271.3	2 195.1	4	4	13	3	4	9	2511	
89.0	1 888.5	76.9	150.9	1 416.8	3 574.2	4 214.8	7 810.0	83.7	780.2	4	3	6	3	2	8	2512	
21.3	459.7	17.0	33.0	302.8	947.1	1 067.4	2 011.7	115.5	310.6	8	16	20	7	15	47	2514	
25.7	569.5	19.4	37.8	345.9	1 709.7	1 773.0	3 478.2	36.4	235.6	4	6	35	3	5	20	2515	
4.3	92.2	3.8	7.9	72.0	210.8	248.7	460.5	6.6	48.5	6	2	4	5	1	4	2517	
5.2	93.9	4.3	8.4	68.7	175.5	279.8	456.2	14.7	48.1	19	29	41	19	36	58	2519	
69.5	2 062.6	53.7	112.4	1 315.1	5 169.0	3 721.1	8 899.4	303.1	866.4	3	3	4	3	2	3	252	
24.9	598.0	19.6	41.0	395.1	1 205.2	929.2	2 134.8	58.9	305.4	4	3	3	3	3	4	2521	
44.5	1 464.7	34.0	71.4	920.0	3 963.8	2 791.9	6 764.6	244.2	561.0	5	3	5	4	3	4	2522	
37.3	954.3	28.7	59.0	628.5	2 239.4	4 618.7	6 854.7	114.8	411.8	8	8	9	4	9	6	253	
37.3	954.3	28.7	59.0	628.5	2 239.4	4 618.7	6 854.7	114.8	411.8	8	8	9	4	9	6	2531	
80.8	2 153.4	61.0	128.6	1 336.3	4 358.1	3 719.5	8 062.6	168.2	1 000.0	6	6	16	4	5	12	254	
41.2	1 102.9	30.8	63.8	698.4	2 161.6	1 651.1	3 809.0	81.0	415.4	7	8	23	6	7	16	2541	
39.6	1 050.5	30.2	64.8	637.9	2 196.4	2 068.5	4 253.7	87.2	584.6	8	9	20	6	6	17	2542	
52.7	1 180.6	38.4	75.2	683.3	2 671.8	2 532.9	5 199.1	109.4	687.1	7	5	16	5	5	9	259	
20.2	403.4	14.2	27.1	242.6	1 001.9	1 155.9	2 164.2	35.7	350.7	6	7	18	4	6	7	2591	
32.4	777.3	24.2	48.2	440.7	1 669.8	1 377.0	3 034.9	73.7	336.4	9	7	20	7	6	13	2599	
629.2	22 277.3	487.3	1 045.3	15 402.4	80 487.7	94 838.8	173 715.8	8 369.0	17 172.7	2	1	5	1	1	1	26	
14.6	695.3	11.3	24.7	504.0	4 223.0	3 480.5	7 512.5	564.3	784.9	1	1	1	1	3	3	261	
14.6	695.3	11.3	24.7	504.0	4 223.0	3 480.5	7 512.5	564.3	784.9	1	1	1	1	3	3	2611	
117.8	5 495.3	91.3	199.8	4 043.0	22 509.7	23 202.5	44 905.4	2 685.5	4 701.3	1	2	2	1	2	2	262	
117.8	5 495.3	91.3	199.8	4 043.0	22 509.7	23 202.5	44 905.4	2 685.5	4 701.3	1	2	2	1	2	2	2621	
56.7	2 563.1	43.2	97.6	1 835.1	12 857.5	12 032.6	24 732.1	2 173.9	1 627.5	4	4	16	3	3	2	263	
56.7	2 563.1	43.2	97.6	1 835.1	12 857.5	12 032.6	24 732.1	2 173.9	1 627.5	4	4	16	3	3	2	2631	
208.7	6 462.1	160.5	346.2	4 158.6	15 372.9	26 951.1	42 129.9	1 175.6	4 466.7	3	3	8	2	2	4	265	
(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2652
125.0	3 887.2	93.5	200.4	2 358.7	9 219.6	18 853.8	27 964.5	788.4	2 508.7	5	5	11	3	3	4	2653	
11.9	347.9	9.8	20.9	249.8	855.6	1 267.4	2 120.9	27.4	181.7	5	6	5	3	5	5	2655	
13.8	380.4	11.6	24.5	294.4	1 019.7	1 622.4	2 649.7	88.1	379.7	4	6	12	4	4	5	2656	
53.0	1 714.7	42.5	92.9	1 176.3	3 943.7	4 908.2	8 781.7	239.6	1 269.2	4	3	8	2	3	6	2657	
231.4	7 061.5	181.0	377.0	4 861.6	25 524.6	29 172.1	54 436.0	1 769.8	5 592.4	2	1	4	2	1	2	267	
20.2	680.9	15.1	33.0	455.5	1 727.4	2 758.2	4 477.3	201.3	687.2	4	4	28	4	5	8	2671	
33.0	1 190.1	23.0	48.0	720.2	4 377.2	5 027.3	9 360.8	273.5	973.9	2	2	2	2	2	4	2672	
40.2	1 088.9	32.7	69.1	754.3	3 129.6	3 763.9	6 859.8	275.7	654.4	6	4	8	6	4	6	2673	
17.9	436.0	15.3	32.5	338.1	1 141.7	1 925.6	3 052.8	33.5	429.6	1	1	5	2	2	1	2674	
16.5	430.0	13.1	26.9	286.2	1 085.2	1 425.7	2 504.2	44.6	252.6	3	5	16	2	3	16	2675	
37.1	1 428.0	30.5	64.1	1 117.3	9 061.5	8 463.9	17 481.0	717.0	1 131.0	2	1	2	1	1	2	2676	
23.4	682.5	18.7	38.1	456.9	1 424.5	1 850.1	3 247.8	44.2	344.6	7	6	12	6	5	13	2677	
9.5	231.3	7.0	13.8	147.9	709.8	873.9	1 567.6	28.8	30								

Table 2. Statistics for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996									
		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
27	Printing and publishing	1 515.0	46 175.1	800.7	1 573.4	20 122.2	130 946.0	64 691.5	195 435.2	5 912.2	13 024.2
271	Newspapers	403.3	11 199.3	135.6	224.7	3 057.8	30 691.7	8 483.0	39 171.3	1 276.9	894.3
2711	Newspapers	403.3	11 199.3	135.6	224.7	3 057.8	30 691.7	8 483.0	39 171.3	1 276.9	894.3
272	Periodicals	120.5	4 665.4	16.4	34.4	510.9	17 981.5	6 939.7	24 929.8	310.9	1 216.0
2721	Periodicals	120.5	4 665.4	16.4	34.4	510.9	17 981.5	6 939.7	24 929.8	310.9	1 216.0
273	Books	135.7	4 674.8	57.0	112.1	1 515.0	17 856.5	8 863.0	26 695.8	617.7	3 735.8
2731	Book publishing	85.4	3 128.2	18.5	34.7	460.3	14 792.3	6 601.1	21 362.7	364.7	3 320.3
2732	Book printing	50.3	1 546.6	38.5	77.4	1 054.7	3 064.2	2 261.9	5 333.2	253.0	415.4
274	Miscellaneous publishing	68.8	2 049.1	25.4	45.2	589.6	9 699.2	2 823.3	12 510.5	143.6	874.3
2741	Miscellaneous publishing	68.8	2 049.1	25.4	45.2	589.6	9 699.2	2 823.3	12 510.5	143.6	874.3
275	Commercial printing	604.4	18 015.1	437.3	902.6	11 109.0	38 406.9	29 571.8	67 841.5	2 958.6	4 299.5
2752	Commercial printing, lithographic	448.9	13 591.9	326.3	674.6	8 489.4	28 797.2	21 877.5	50 614.0	2 182.0	2 932.5
2754	Commercial printing, gravure	22.0	731.6	18.9	39.3	585.7	1 844.3	1 984.7	3 812.5	254.4	286.3
2759	Commercial printing, n.e.c.	133.4	3 691.6	92.1	188.6	2 033.8	7 765.4	5 709.6	13 415.0	522.2	1 080.7
276	Manifold business forms	41.4	1 263.1	27.9	54.0	765.1	3 878.2	3 811.1	7 724.3	197.8	687.7
2761	Manifold business forms	41.4	1 263.1	27.9	54.0	765.1	3 878.2	3 811.1	7 724.3	197.8	687.7
277	Greeting cards	21.4	635.9	11.9	21.1	266.9	3 988.9	1 047.1	5 010.9	66.4	576.5
2771	Greeting cards	21.4	635.9	11.9	21.1	266.9	3 988.9	1 047.1	5 010.9	66.4	576.5
278	Blankbooks and bookbinding	64.5	1 598.4	49.9	99.5	1 025.4	4 387.8	2 054.6	6 428.4	130.3	504.0
2782	Blankbooks and looseleaf binders	35.8	960.2	25.4	50.8	563.0	3 155.4	1 664.6	4 820.4	93.3	351.5
2789	Bookbinding and related work	28.8	638.3	24.5	48.7	462.4	1 232.4	390.1	1 608.0	37.0	152.4
279	Printing trade services	54.9	2 073.9	39.2	79.9	1 282.4	4 055.3	1 097.8	5 122.7	210.0	236.1
2791	Typesetting	21.8	715.0	17.3	34.2	474.1	1 450.7	356.9	1 786.2	61.4	94.3
2796	Platemaking services	33.1	1 359.0	22.0	45.7	808.3	2 604.6	740.8	3 336.5	148.6	141.9
28	Chemicals and allied products	824.4	36 331.0	476.8	1 014.2	17 468.7	194 412.3	174 012.2	367 441.8	20 041.0	40 762.1
281	Industrial inorganic chemicals	80.1	3 748.7	45.2	96.7	2 007.5	16 566.6	11 297.7	27 740.6	2 001.9	2 644.2
2812	Alkalies and chlorine	5.9	300.3	4.0	8.4	196.7	1 641.2	1 212.9	2 849.7	215.2	237.6
2813	Industrial gases	8.6	329.9	4.4	9.8	162.8	2 531.8	1 039.8	3 559.6	341.7	105.2
2816	Inorganic pigments	8.7	373.6	5.8	12.3	239.9	1 879.0	1 583.9	3 469.5	180.2	560.2
2819	Industrial inorganic chemicals, n.e.c.	57.0	2 744.8	31.0	66.3	1 408.1	10 514.6	7 461.1	17 861.9	1 264.9	1 741.3
282	Plastics materials and synthetics	115.1	5 086.0	79.3	172.7	3 151.3	25 025.2	34 595.9	59 566.7	3 731.4	6 192.3
2821	Plastics materials and resins	58.6	2 864.1	36.3	80.6	1 652.4	15 310.4	24 829.0	40 097.2	2 783.6	3 944.1
2822	Synthetic rubber	12.0	573.9	7.9	16.7	345.3	2 278.7	3 009.3	5 290.6	279.3	685.6
2823	Cellulosic manmade fibers	6.0	196.2	4.8	10.7	139.0	688.6	586.7	1 267.2	(D)	137.3
2824	Organic fibers, noncellulosic	38.5	1 451.9	30.3	64.8	1 014.8	6 747.5	6 170.9	12 911.7	(D)	1 425.2
283	Drugs	213.2	9 890.6	106.4	221.9	3 691.1	59 812.8	27 187.2	86 532.5	4 300.7	11 532.8
2833	Medicinals and botanicals	16.8	840.1	8.9	19.9	414.6	4 733.9	4 238.0	8 883.8	835.3	1 350.0
2834	Pharmaceutical preparations	136.9	6 196.7	72.3	151.3	2 403.0	43 409.5	18 555.7	61 554.3	2 588.2	7 633.5
2835	Diagnostic substances	39.9	1 988.2	15.5	31.6	605.0	7 007.9	2 680.3	9 692.3	517.6	1 341.5
2836	Biological products, except diagnostic	19.6	865.5	9.7	19.1	268.5	4 661.5	1 713.2	6 402.0	359.5	1 207.8
284	Soaps, cleaners, and toilet goods	126.2	4 388.6	74.7	153.1	1 992.7	31 800.9	19 932.3	51 809.0	1 303.5	4 534.6
2841	Soap and other detergents	30.3	1 172.5	16.8	35.4	555.2	9 021.7	6 708.5	15 778.5	426.9	1 118.0
2842	Polishes and sanitation goods	24.2	737.1	14.2	28.6	328.5	5 424.5	3 154.0	8 601.7	172.8	591.8
2843	Surface active agents	8.8	400.3	4.5	10.6	175.4	2 200.0	2 532.4	4 741.3	161.1	451.9
2844	Toilet preparations	62.9	2 078.7	39.1	78.5	933.6	15 154.7	7 537.4	22 687.5	542.7	2 372.9
285	Paints and allied products	51.1	1 939.8	27.9	57.9	846.1	8 497.4	9 849.3	18 257.4	403.7	2 177.7
2851	Paints and allied products	51.1	1 939.8	27.9	57.9	846.1	8 497.4	9 849.3	18 257.4	403.7	2 177.7
286	Industrial organic chemicals	125.9	6 765.0	74.7	163.1	3 476.6	28 885.9	46 935.2	75 671.9	6 269.0	8 577.4
2861	Gum and wood chemicals	2.9	88.4	2.2	5.1	60.5	440.5	379.1	808.7	26.6	182.1
2865	Cyclic crudes and intermediates	22.8	1 086.7	13.2	29.4	555.7	4 724.8	7 366.5	12 123.9	1 032.9	1 476.8
2869	Industrial organic chemicals, n.e.c.	100.3	5 589.9	59.3	128.7	2 860.3	23 720.5	39 189.6	62 739.3	5 209.5	6 918.4
287	Agricultural chemicals	36.7	1 593.0	23.6	51.7	877.4	12 277.1	11 129.8	23 355.7	1 024.5	2 353.9
2873	Nitrogenous fertilizers	7.5	313.6	5.1	11.6	196.6	2 319.0	2 109.8	4 375.7	304.7	404.0
2874	Phosphatic fertilizers	7.8	336.4	5.8	13.2	228.4	2 065.4	3 602.2	5 684.4	199.5	503.8
2875	Fertilizers, mixing only	7.7	272.8	5.0	9.7	116.0	892.8	1 525.2	2 393.1	57.3	340.4
2879	Agricultural chemicals, n.e.c.	13.8	670.1	7.8	17.3	336.4	6 999.9	3 892.7	10 902.5	463.0	1 105.7
289	Miscellaneous chemical products	76.0	2 919.3	45.1	97.1	1 426.0	11 546.5	13 084.7	24 508.1	1 006.3	2 749.1
2891	Adhesives and sealants	17.3	657.1	11.1	23.4	328.6	2 650.4	3 831.5	6 465.5	188.2	581.5
2892	Explosives	8.5	293.4	6.1	12.1	172.2	720.8	560.4	1 276.0	46.5	160.8
2893	Printing ink	13.1	492.4	7.4	16.4	233.9	1 736.7	2 300.6	4 022.6	82.7	475.3
2895	Carbon black	1.9	87.4	1.1	2.7	53.7	501.2	379.9	871.8	29.1	79.8
2899	Chemical preparations, n.e.c.	35.1	1 389.1	19.3	42.3	637.6	5 937.4	6 012.3	11 872.2	389.8	1 451.7
29	Petroleum and coal products	106.0	5 238.3	69.1	160.6	3 159.4	31 656.1	143 508.3	174 284.6	5 572.2	12 045.3
291	Petroleum refining	67.2	3 737.7	43.4	102.6	2 299.5	26 005.8	132 880.4	158 068.1	5 197.0	10 718.2
2911	Petroleum refining	67.2	3 737.7	43.4	102.6	2 299.5	26 005.8	132 880.4	158 068.1	5 197.0	10 718.2
295	Asphalt paving and roofing materials	25.2	988.2	18.1	41.9	633.6	3 463.6	6 181.8	9 611.2	250.9	657.5
2951	Asphalt paving mixtures and blocks	12.9	517.0	9.0	21.0	328.2	1 891.2	3 248.4	5 123.5	122.6	302.8
2952	Asphalt felts and coatings	12.3	471.2	9.1	20.9	305.4	1 572.4	2 933.5	4 487.7	128.3	354.7
299	Miscellaneous petroleum and coal products ...	13.6	512.3	7.6	16.1	226.3	2 186.7	4 446.1	6 605.3	124.2	669.6
2992	Lubricating oils and greases	11.5	436.0	6.1	12.7	180.4	1 752.3	3 823.3	5 568.8	97.6	515.9
2999	Petroleum and coal products, n.e.c.	2.1	76.3	1.5	3.4	45.9	434.4	622.8	1 036.5	26.6	153.7

See footnotes at end of table.

1995											Standard error of estimate ¹ (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)						A	F	I	K	P	S		
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S		
1 524.9	44 667.5	801.5	1 581.1	19 500.8	125 737.0	62 878.1	188 133.5	5 612.2	13 638.9	2	1	4	1	1	3 27		
414.8	11 095.2	134.7	220.9	2 998.8	29 256.4	8 479.1	37 731.9	1 229.1	1 092.9	3	2	4	2	1	3 271		
414.8	11 095.2	134.7	220.9	2 998.8	29 256.4	8 479.1	37 731.9	1 229.1	1 092.9	3	2	4	2	1	3 2711		
122.0	4 529.1	17.8	34.9	474.1	17 242.6	6 557.6	23 742.8	332.3	1 306.7	6	3	5	4	3	5 272		
122.0	4 529.1	17.8	34.9	474.1	17 242.6	6 557.6	23 742.8	332.3	1 306.7	6	3	5	4	3	5 2721		
132.5	4 485.6	56.5	112.9	1 454.7	17 516.8	8 591.3	25 875.9	667.8	3 779.8	3	2	4	2	2	11 273		
83.5	3 016.4	18.5	33.7	458.5	14 448.3	6 269.9	20 484.4	344.7	3 339.2	3	3	4	3	2	2 2731		
49.0	1 469.2	38.0	79.2	996.2	3 068.5	2 321.4	5 391.5	323.1	440.6	6	5	8	4	3	21 2732		
67.3	1 903.6	25.4	45.9	530.8	9 371.9	2 670.7	12 024.7	158.7	872.6	5	2	7	4	2	6 274		
67.3	1 903.6	25.4	45.9	530.8	9 371.9	2 670.7	12 024.7	158.7	872.6	5	2	7	4	2	6 2741		
597.8	17 153.7	433.3	901.6	10 693.8	36 553.9	28 673.8	65 101.2	2 679.9	4 498.8	2	3	6	1	2	4 275		
444.9	13 012.8	324.8	678.0	8 232.4	27 558.5	21 314.1	48 809.8	1 859.8	3 161.6	3	3	8	2	2	4 2752		
22.9	750.1	19.5	40.7	589.3	1 891.4	2 094.3	3 982.9	342.7	304.3	4	6	7	3	4	9 2754		
129.9	3 390.8	89.0	182.9	1 872.1	7 104.0	5 265.4	12 308.4	477.4	1 032.9	4	4	9	3	3	8 2759		
43.5	1 231.5	28.7	56.4	760.3	4 012.5	3 925.7	7 894.3	136.2	822.4	6	6	25	7	5	23 276		
43.5	1 231.5	28.7	56.4	760.3	4 012.5	3 925.7	7 894.3	136.2	822.4	6	6	25	7	5	23 2761		
22.1	611.0	12.4	20.8	256.8	3 687.0	999.4	4 688.6	67.0	552.6	4	3	5	4	3	4 277		
22.1	611.0	12.4	20.8	256.8	3 687.0	999.4	4 688.6	67.0	552.6	4	3	5	4	3	4 2771		
67.2	1 609.0	51.0	101.9	1 022.5	4 140.1	1 923.2	6 053.7	148.6	503.1	4	9	18	3	5	14 278		
38.5	983.4	27.0	53.2	571.6	2 982.5	1 564.0	4 544.4	113.6	364.3	5	12	23	3	6	16 2782		
28.7	625.7	24.0	48.6	450.9	1 157.6	359.2	1 509.3	35.0	138.7	5	6	27	4	5	25 2789		
57.7	2 048.7	41.6	85.7	1 308.8	3 955.8	1 057.2	5 020.3	192.6	210.1	7	7	13	6	5	14 279		
21.8	672.5	17.9	35.7	469.0	1 351.0	306.9	1 657.3	57.3	72.3	13	12	24	11	10	23 2791		
35.9	1 376.2	23.8	50.0	839.9	2 604.8	750.3	3 363.0	135.2	137.7	9	8	15	6	6	17 2796		
838.8	35 445.4	486.8	1 026.7	17 004.7	196 358.0	166 627.3	361 160.7	17 556.7	39 561.2	2	1	3	2	1	3 28		
81.7	3 634.0	45.3	100.1	1 901.9	16 273.9	10 511.1	26 667.0	1 708.1	2 494.6	3	2	5	1	2	3 281		
6.1	295.0	4.2	8.4	198.5	1 610.6	1 156.4	2 729.6	199.3	226.7	1	5	10	2	6	9 2812		
8.1	298.5	4.2	9.5	146.6	2 507.6	1 086.8	3 583.7	277.8	93.1	19	5	2	3	3	4 2813		
8.7	359.0	5.7	11.5	229.7	1 767.1	1 480.6	3 219.9	359.2	550.4	1	1	1	1	1	1 2816		
58.9	2 681.5	31.3	70.7	1 327.1	10 388.7	6 787.3	17 133.7	871.7	1 624.5	2	3	8	2	2	6 2819		
126.7	5 519.0	84.5	184.0	3 305.2	27 209.8	36 267.1	62 963.4	3 386.7	6 588.1	1	1	2	1	1	1 282		
70.0	3 311.7	41.6	91.5	1 834.1	17 605.9	26 234.9	43 453.4	2 323.9	4 330.2	2	1	2	2	1	2 2821		
12.0	576.7	8.0	16.7	344.2	2 385.4	3 137.2	5 474.6	268.3	709.6	1	1	1	1	1	1 2822		
6.1	192.4	4.9	10.2	136.9	685.5	527.5	1 222.1	113.2	133.8	2	1	(X)	1	1	1 2823		
38.6	1 438.2	30.1	65.6	990.0	6 532.9	6 367.6	12 813.3	681.3	1 414.6	2	1	(X)	1	1	1 2824		
216.4	9 646.6	112.5	225.2	3 601.1	56 794.9	24 401.6	80 906.5	4 503.0	11 081.4	5	2	9	5	1	12 283		
14.1	685.8	7.5	16.7	338.5	3 783.0	3 298.5	7 027.2	383.8	1 110.4	5	3	7	4	2	7 2833		
143.0	6 268.2	78.7	156.2	2 405.5	41 607.6	16 825.5	58 404.5	3 134.0	7 348.9	7	2	15	7	1	16 2834		
38.2	1 838.2	15.3	31.9	576.8	6 840.1	2 558.4	9 248.4	532.4	1 407.8	11	4	3	4	2	3 2835		
21.1	854.5	11.0	20.4	280.3	4 564.1	1 719.2	6 226.5	452.7	1 214.3	5	2	2	6	2	2 2836		
122.8	4 141.6	73.8	151.8	1 934.9	30 490.7	19 409.8	49 795.2	1 040.8	4 472.2	6	2	5	2	2	4 284		
31.6	1 217.2	18.0	38.8	597.5	9 044.5	6 756.7	15 734.5	355.9	1 161.7	7	3	7	3	3	5 2841		
23.1	702.7	14.0	27.7	318.3	5 471.7	3 193.9	8 678.7	154.1	646.9	7	4	9	5	4	13 2842		
7.9	339.0	3.9	9.1	147.4	2 468.2	2 410.4	4 859.8	119.5	428.7	9	7	5	9	3	5 2843		
60.2	1 882.7	37.9	76.2	871.7	13 506.3	7 048.7	20 522.1	411.3	2 235.0	10	3	11	2	1	6 2844		
52.4	2 004.4	27.8	57.5	806.1	8 342.6	9 456.3	17 744.4	409.2	2 088.4	6	3	10	4	3	7 285		
52.4	2 004.4	27.8	57.5	806.1	8 342.6	9 456.3	17 744.4	409.2	2 088.4	6	3	10	4	3	7 2851		
118.1	5 927.2	69.7	152.6	3 096.9	34 321.7	42 894.4	76 729.1	4 922.9	7 938.6	2	1	5	1	2	2 286		
2.9	89.2	2.3	4.9	61.9	479.2	338.3	816.9	31.8	170.8	9	5	7	7	4	4 2861		
22.6	1 023.5	13.2	28.6	530.2	5 382.1	7 157.2	12 419.0	844.6	1 463.3	1	2	2	2	3	4 2865		
92.6	4 814.4	54.2	119.0	2 504.8	28 460.3	35 399.0	63 493.3	4 046.5	6 304.5	2	2	5	2	2	2 2869		
39.1	1 595.9	25.4	54.6	903.5	11 566.2	11 030.9	22 524.6	778.8	2 211.6	7	3	8	6	3	6 287		
7.3	300.2	5.1	11.7	191.5	2 462.6	1 998.4	4 445.9	175.8	344.7	9	6	25	8	10	9 2873		
8.6	358.4	6.5	14.7	246.2	1 874.7	3 472.8	5 336.5	194.2	458.2	9	9	8	8	9	18 2874		
8.4	265.1	5.2	10.5	114.4	1 067.9	1 600.1	2 663.0	91.1	347.7	29	15	32	24	16	11 2875		
14.8	672.2	8.7	17.7	351.4	6 160.9	3 959.6	10 079.3	317.6	1 061.0	6	1	4	3	1	3 2879		
81.4	2 976.8	47.7	101.0	1 455.3	11 358.3	12 656.2	23 830.4	807.3	2 686.2	5	4	23	4	4	9 289		
19.0	651.6	11.4	23.8	318.8	2 485.8	3 521.3	5 991.2	197.5	562.1	13	7	10	12	7	19 2891		
8.8	300.0	6.3	12.6	184.0	625.5	518.0	1 134.3	52.7	151.5	4	10	12	2	5	26 2892		
13.9	500.4	8.2	17.1	242.7	1 630.1	2 204.0	3 821.1	57.8	445.0	15	17	37	14	16	14 2893		
1.8	78.9	1.1	2.7	49.0	483.9	320.1	795.1	65.9	68.3	1	22	74	4	23	72 2895		
38.1	1 445.8	20.7	44.7	660.7	6 133.1	6 092.8	12 088.7	433.4	1 459.2	6	3	5	4	3	5 2899		
109.9	5 246.1	71.2	163.2	3 156.5	29 337.1	122 471.9	151 439.2	6 203.8	10 829.3	2	2	1	1	2	1 29		
70.4	3 790.7	45.6	106.7	2 325.1	23 978.1	112 532.3	136 173.4	5 866.3	9 510.1	1	2	1	1	2	1 291		
70.4	3 790.7	45.6	106.7	2 325.1	23 978.1	112 532.3	136 173.4	5 866.3	9 510.1	1	2	1	1	2	1 2911		
25.7	954.5	18.2	40.8	614.2	3 370.5	5 636.2	8 979.3	229.4	637.2	4	6	5	3	4	11 295		
13.3	508.9	9.1	20.3	324.9	1 802.1	2 910.2	4 707.0	127.3	293.1	8	7	8	5	7	20 2951		
12.4	445.6	9.1	20.4	289.4	1 568.4	2 725.9	4 272.4	102.2	344.1	3	8	5	3	3	4 2952		
13.8	501.0	7.4	15.8	217.2	1 988.6												

Table 2. Statistics for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996									
		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
30	Rubber and miscellaneous plastics products .	1 017.9	28 435.7	799.7	1 649.5	18 659.7	74 944.7	75 850.8	150 467.5	7 021.7	15 583.9
301	Tires and inner tubes	64.8	2 700.9	54.0	109.9	2 140.4	7 078.7	7 091.4	14 209.3	578.5	1 066.9
3011	Tires and inner tubes	64.8	2 700.9	54.0	109.9	2 140.4	7 078.7	7 091.4	14 209.3	578.5	1 066.9
302	Rubber and plastics footwear	8.2	164.8	6.7	15.1	112.0	441.9	496.1	935.6	8.8	175.4
3021	Rubber and plastics footwear	8.2	164.8	6.7	15.1	112.0	441.9	496.1	935.6	8.8	175.4
305	Hose and belting and gaskets and packing	60.7	1 859.1	45.9	94.9	1 172.9	4 528.1	3 805.1	8 232.1	341.0	1 057.1
3052	Rubber and plastics hose and belting	22.3	666.1	17.6	36.4	466.3	1 641.6	1 729.3	3 363.4	137.8	499.1
3053	Gaskets, packing, and sealing devices	38.5	1 193.0	28.3	58.5	706.6	2 886.5	2 075.8	4 868.8	203.2	558.1
306	Fabricated rubber products, n.e.c.	121.5	3 136.9	95.2	197.4	2 050.3	7 275.4	7 194.6	14 467.6	435.3	1 410.8
3061	Mechanical rubber goods	63.4	1 588.4	51.7	108.1	1 074.3	3 351.1	2 644.5	5 986.7	166.3	517.9
3069	Fabricated rubber products, n.e.c.	58.1	1 548.4	43.5	89.3	976.0	3 924.4	4 550.1	8 480.9	269.0	892.9
308	Miscellaneous plastics products, n.e.c.	762.7	20 574.0	597.9	1 232.2	13 184.2	55 620.6	57 263.5	112 622.9	5 658.1	11 873.6
3081	Unsupported plastics film and sheet	59.5	1 978.5	43.4	94.2	1 227.8	6 892.6	7 549.5	14 398.8	767.6	1 592.8
3082	Unsupported plastics profile shapes	26.9	816.4	20.7	44.4	500.9	2 240.4	1 998.2	4 232.9	150.2	435.0
3083	Laminated plastics plate, sheet, and profile shapes	16.8	522.5	12.9	27.7	338.9	1 431.8	1 306.9	2 727.0	97.4	373.4
3084	Plastics pipe	16.2	436.0	12.2	24.5	277.9	1 311.1	2 730.7	4 026.5	155.7	586.3
3085	Plastics bottles	33.6	918.5	28.9	60.8	702.2	2 743.4	3 341.8	6 108.8	391.6	516.0
3086	Plastics foam products	67.2	1 790.0	55.0	113.5	1 221.7	5 312.7	6 656.0	11 956.0	577.1	1 043.9
3087	Custom compounding of purchased plastics resins	26.9	860.2	18.3	36.4	455.8	2 454.9	3 956.0	6 369.4	191.8	641.8
3088	Plastics plumbing fixtures	15.0	351.2	11.4	23.3	218.7	951.8	763.6	1 707.6	53.4	125.1
3089	Plastics products, n.e.c.	500.5	12 900.9	395.2	807.5	8 240.2	32 282.1	28 961.0	61 096.0	3 273.4	6 559.2
31	Leather and leather products	77.2	1 600.0	64.6	124.9	1 087.4	4 741.8	4 621.8	9 308.5	127.8	1 530.9
311	Leather tanning and finishing	14.8	393.0	12.4	26.7	293.1	1 312.9	1 864.5	3 133.9	51.9	403.5
3111	Leather tanning and finishing	14.8	393.0	12.4	26.7	293.1	1 312.9	1 864.5	3 133.9	51.9	403.5
313	Footwear cut stock	2.7	58.4	2.1	4.1	34.5	161.8	163.2	325.9	.9	35.4
3131	Footwear cut stock	2.7	58.4	2.1	4.1	34.5	161.8	163.2	325.9	.9	35.4
314	Footwear, except rubber	36.7	704.4	31.0	56.9	473.6	1 906.9	1 682.4	3 605.2	34.5	716.3
3142	House slippers	2.0	32.7	1.8	3.6	24.2	76.9	55.9	128.4	1.2	39.1
3143	Men's footwear, except athletic	19.2	404.8	15.5	27.7	264.0	1 100.1	1 289.0	2 413.0	25.8	508.6
3144	Women's footwear, except athletic	9.9	168.5	8.9	16.1	116.8	355.3	210.9	555.3	2.4	111.4
3149	Footwear, except rubber, n.e.c.	5.6	98.5	4.9	9.5	68.6	374.6	126.6	508.5	5.1	57.1
315	Leather gloves and mittens	2.3	45.0	2.0	4.4	37.7	53.1	84.9	144.6	12.3	61.8
3151	Leather gloves and mittens	2.3	45.0	2.0	4.4	37.7	53.1	84.9	144.6	12.3	61.8
316	Luggage	5.8	150.6	4.3	8.7	83.5	746.6	394.8	1 115.1	17.8	199.1
3161	Luggage	5.8	150.6	4.3	8.7	83.5	746.6	394.8	1 115.1	17.8	199.1
317	Handbags and personal leather goods	8.2	138.9	6.6	12.5	91.4	327.5	255.4	580.1	6.4	74.5
3171	Women's handbags and purses	3.3	48.3	3.0	4.9	39.4	155.8	136.3	286.3	3.6	28.7
3172	Personal leather goods, n.e.c.	4.9	90.6	3.6	7.6	52.0	171.7	119.1	293.8	2.8	45.8
319	Leather goods, n.e.c.	6.8	109.7	6.2	11.6	73.6	233.0	176.7	403.7	4.0	40.2
3199	Leather goods, n.e.c.	6.8	109.7	6.2	11.6	73.6	233.0	176.7	403.7	4.0	40.2
32	Stone, clay, and glass products	520.4	15 857.2	402.3	835.8	10 934.4	46 054.6	36 582.9	82 441.3	4 157.4	8 679.4
321	Flat glass	11.5	524.4	9.3	21.0	407.1	1 716.6	942.9	2 671.3	248.0	281.5
3211	Flat glass	11.5	524.4	9.3	21.0	407.1	1 716.6	942.9	2 671.3	248.0	281.5
322	Glass and glassware, pressed or blown	59.5	2 029.1	51.4	104.3	1 648.2	6 532.0	3 527.3	10 056.5	853.3	1 505.0
3221	Glass containers	24.1	856.7	21.6	41.9	722.6	2 634.0	1 652.6	4 337.9	243.0	697.6
3229	Pressed and blown glass, n.e.c.	35.4	1 172.5	29.8	62.5	925.7	3 898.0	1 874.7	5 718.6	610.3	807.4
323	Products of purchased glass	63.5	1 771.4	49.6	101.5	1 177.9	4 850.0	4 254.4	9 059.6	492.5	883.4
3231	Products of purchased glass	63.5	1 771.4	49.6	101.5	1 177.9	4 850.0	4 254.4	9 059.6	492.5	883.4
324	Cement, hydraulic	16.9	693.3	12.5	27.8	465.7	3 508.7	2 281.8	5 818.3	494.8	828.2
3241	Cement, hydraulic	16.9	693.3	12.5	27.8	465.7	3 508.7	2 281.8	5 818.3	494.8	828.2
325	Structural clay products	31.2	844.5	25.1	52.5	592.4	2 175.7	1 387.0	3 566.0	201.3	699.6
3251	Brick and structural clay tile	13.8	351.3	11.1	23.1	246.7	957.1	464.3	1 421.9	132.9	257.4
3253	Ceramic wall and floor tile	9.2	240.9	7.7	16.9	176.0	645.4	336.9	989.3	45.6	219.4
3255	Clay refractories	6.2	196.4	4.7	9.6	132.2	464.7	510.7	977.3	18.6	174.3
3259	Structural clay products, n.e.c.	2.0	55.9	1.6	2.9	37.6	108.5	75.0	177.5	4.2	48.5
326	Pottery and related products	44.8	1 149.0	36.4	69.4	786.8	2 696.2	1 183.4	3 829.8	153.5	600.1
3261	Vitreous plumbing fixtures	9.3	261.5	7.9	16.2	215.2	770.4	285.2	1 050.9	11.7	112.7
3262	Vitreous china table and kitchenware	5.1	125.6	4.2	8.3	94.0	274.4	86.2	357.4	(D)	102.8
3263	Semivitreous table and kitchenware . . . . .	.9	17.5	.8	1.8	17.5	48.0	18.5	65.9	(D)	6.1
3264	Porcelain electrical supplies	15.1	481.9	11.7	23.4	294.4	1 018.2	556.0	1 556.3	107.4	240.1
3269	Pottery products, n.e.c.	14.4	262.4	11.7	19.8	165.8	585.3	237.0	799.4	17.3	138.4
327	Concrete, gypsum, and plaster products	204.5	6 082.8	152.2	330.8	4 075.3	15 738.7	17 009.9	32 691.0	1 199.5	1 966.3
3271	Concrete block and brick	21.0	605.3	12.2	26.5	288.9	1 453.0	1 454.9	3 085.0	115.5	381.8
3272	Concrete products, n.e.c.	70.8	1 904.9	51.8	110.7	1 202.0	4 859.7	3 901.6	8 732.7	346.5	812.3
3273	Ready-mixed concrete	94.5	2 926.2	73.9	162.0	2 117.4	7 295.7	8 940.6	16 225.3	554.4	507.5
3274	Lime	5.1	168.5	3.9	7.1	121.8	439.5	378.4	822.0	60.4	82.4
3275	Gypsum products	13.2	477.8	10.4	24.5	345.2	1 690.8	2 134.4	3 825.9	122.8	182.4
328	Cut stone and stone products	17.1	412.4	13.1	24.2	291.3	999.2	564.7	1 512.0	50.4	263.2
3281	Cut stone and stone products	17.1	412.4	13.1	24.2	291.3	999.2	564.7	1 512.0	50.4	263.2
329	Miscellaneous nonmetallic mineral products	71.5	2 350.3	52.9	104.1	1 489.6	7 837.5	5 431.6	13 236.8	464.0	1 651.9
3291	Abrasive products	24.0	787.6	16.9	30.8	405.8	2 712.1	2 005.8	4 682.6	125.1	733.5
3292	Asbestos products	—	—	—	—	—	—	—	—	—	—
3295	Minerals, ground or treated	10.5	340.6	7.1	14.2	211.6	1 145.5	845.0	1 990.8	88.4	228.3
3296	Mineral wool	20.1	726.8	16.6	34.9	562.5	2 514.1	1 636.1	4 145.8	185.5	327.2
3297	Nonclay refractories	7.7	278.6	5.5	11.0	177.6	873.6	574.0	1 459.4	42.7	229.2
3299	Nonmetallic mineral products, n.e.c.	9.2	216.6	6.8	13.2	132.1	592.2	370.7	958.2	22.3	133.7

See footnotes at end of table.

1995										Standard error of estimate ¹ (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	K	P	S	
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours	Wages (million dollars)												
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S	
1 017.8	27 290.4	800.2	1 633.9	18 065.5	72 370.4	74 069.6	145 739.6	6 639.1	15 092.4	2	1	4	1	1	2 30	
65.9	2 723.9	54.3	113.1	2 137.0	7 354.2	6 896.9	14 145.4	467.2	1 048.9	1	2	1	1	1	3 301	
65.9	2 723.9	54.3	113.1	2 137.0	7 354.2	6 896.9	14 145.4	467.2	1 048.9	1	2	1	1	1	3 3011	
9.8	182.7	8.1	17.7	127.5	439.7	493.7	916.3	8.9	173.5	8	13	5	5	13	2 302	
9.8	182.7	8.1	17.7	127.5	439.7	493.7	916.3	8.9	173.5	8	13	5	5	13	2 3021	
60.5	1 783.7	45.2	93.5	1 108.3	4 352.6	3 593.0	7 884.2	293.1	994.1	5	8	12	3	5	8 305	
22.8	654.8	18.0	37.2	449.7	1 642.1	1 686.8	3 302.6	142.0	486.5	4	7	4	2	6	3 3052	
37.8	1 128.9	27.2	56.3	658.6	2 710.4	1 906.2	4 581.6	151.1	497.6	7	12	20	4	6	15 3053	
119.5	2 951.1	94.1	193.2	1 965.3	7 108.6	6 962.2	14 051.2	401.0	1 326.2	8	4	6	7	4	6 306	
61.4	1 457.8	50.2	104.6	1 002.0	3 285.8	2 452.2	5 724.3	175.1	479.0	14	5	6	13	6	6 3061	
58.1	1 493.2	43.9	88.7	963.3	3 822.8	4 510.1	8 327.0	225.9	847.2	6	5	8	4	4	9 3069	
762.1	19 649.2	598.4	1 216.3	12 727.4	53 115.3	56 123.8	108 742.4	5 468.9	11 549.6	2	1	5	1	1	2 308	
60.6	1 935.7	45.1	96.3	1 211.3	6 635.3	7 671.9	14 253.4	619.6	1 513.4	6	4	6	3	2	6 3081	
27.3	776.3	21.1	45.3	489.4	2 246.4	1 994.7	4 207.6	197.4	441.4	8	5	11	7	4	8 3082	
16.9	491.6	12.7	27.1	323.6	1 324.6	1 214.2	2 521.1	80.6	354.2	3	3	5	2	3	2 308	
14.9	391.5	11.8	24.5	266.6	1 273.5	2 605.6	3 854.4	188.8	552.5	6	7	8	5	6	22 3084	
32.0	864.6	27.6	58.9	669.5	2 781.4	3 399.9	6 176.1	560.9	550.2	5	4	8	4	4	6 3085	
67.4	1 758.5	54.2	110.3	1 183.7	5 124.3	6 457.2	11 532.3	564.9	1 032.6	5	4	9	4	3	9 3086	
27.0	841.2	18.0	36.8	440.5	2 343.4	3 890.3	6 215.9	187.8	650.7	6	5	6	4	4	13 3087	
15.0	346.7	11.0	22.9	216.8	860.2	732.0	1 577.6	46.1	141.8	7	8	21	5	5	11 3088	
500.9	12 243.1	396.9	794.0	7 925.9	30 526.2	28 158.0	58 404.0	3 022.8	6 312.8	2	2	7	1	1	3 3089	
86.0	1 628.7	72.0	135.7	1 122.4	4 230.2	4 915.4	9 164.7	125.6	1 507.5	8	7	10	5	5	12 31	
15.3	392.8	12.5	27.1	285.7	1 015.1	2 051.8	3 118.6	57.6	355.2	8	4	4	6	4	9 311	
15.3	392.8	12.5	27.1	285.7	1 015.1	2 051.8	3 118.6	57.6	355.2	8	4	4	6	4	9 3111	
3.1	56.3	2.6	5.0	36.2	133.2	150.7	281.7	.8	30.9	14	29	28	6	4	45 313	
3.1	56.3	2.6	5.0	36.2	133.2	150.7	281.7	.8	30.9	14	29	28	6	4	45 3131	
44.3	738.2	37.6	65.9	517.5	1 839.3	1 871.8	3 687.7	34.2	767.7	6	14	10	4	9	8 314	
2.0	29.7	1.8	3.7	23.7	56.7	44.8	113.1	1.5	25.6	60	(A)	72	36	(A)	59 3142	
23.1	427.7	18.7	31.4	280.1	1 047.7	1 396.5	2 419.5	23.6	581.1	7	21	11	5	5	9 3143	
13.5	189.6	12.2	20.9	146.0	467.5	290.9	757.7	4.3	84.2	13	8	36	5	6	23 3144	
5.8	91.2	5.0	9.9	67.7	267.4	139.6	397.3	4.7	76.9	5	17	31	6	38	24 3149	
2.6	40.5	2.3	4.5	33.6	60.7	53.0	113.6	18.4	68.6	66	79	94	2	22	72 315	
2.6	40.5	2.3	4.5	33.6	60.7	53.0	113.6	18.4	68.6	66	79	94	2	22	72 3151	
5.7	156.3	4.3	8.9	84.1	576.3	370.3	946.1	6.1	167.4	69	13	3	56	13	17 316	
5.7	156.3	4.3	8.9	84.1	576.3	370.3	946.1	6.1	167.4	69	13	3	56	13	17 3161	
8.3	137.6	6.6	13.0	92.0	357.5	268.5	625.8	5.8	71.2	22	22	19	15	16	16 317	
3.0	47.3	2.7	5.3	41.4	168.9	138.0	304.5	3.7	21.1	34	41	26	33	29	23 3171	
5.3	90.3	3.9	7.7	50.5	188.6	130.5	321.2	2.1	50.1	28	20	26	12	13	17 3172	
6.7	107.1	6.2	11.4	73.3	248.1	149.4	391.3	2.7	46.4	27	28	30	27	23	24 319	
6.7	107.1	6.2	11.4	73.3	248.1	149.4	391.3	2.7	46.4	27	28	30	27	23	24 3199	
501.3	14 893.6	387.8	809.2	10 348.8	42 377.1	34 065.7	75 931.2	3 366.5	8 358.8	2	2	3	1	1	3 32	
11.2	504.5	9.1	19.8	190.7	1 803.3	853.4	2 598.1	170.2	294.1	1	1	1	1	1	2 321	
11.2	504.5	9.1	19.8	190.7	1 803.3	853.4	2 598.1	170.2	294.1	1	1	1	1	1	2 3211	
60.6	2 040.6	51.7	106.3	1 658.4	6 300.0	3 540.7	9 813.2	673.0	1 479.4	2	1	1	1	1	1 322	
25.2	883.4	22.4	44.9	748.2	2 667.3	1 747.8	4 425.9	197.9	745.8	1	1	4	1	1	3 3221	
35.4	1 157.2	29.3	61.4	910.3	3 632.8	1 793.0	5 387.3	475.0	733.5	2	2	1	2	1	1 3229	
60.3	1 635.4	47.0	96.2	1 094.4	4 303.1	3 804.1	8 095.5	314.3	846.1	6	4	3	3	3	5 323	
60.3	1 635.4	47.0	96.2	1 094.4	4 303.1	3 804.1	8 095.5	314.3	846.1	6	4	3	3	3	5 3231	
16.8	658.5	12.6	27.5	450.9	3 205.2	2 232.6	5 342.3	282.2	830.1	2	4	14	2	3	8 324	
16.8	658.5	12.6	27.5	450.9	3 205.2	2 232.6	5 342.3	282.2	830.1	2	4	14	2	3	8 3241	
31.5	809.9	24.9	51.1	565.2	2 047.3	1 344.8	3 329.6	159.6	706.7	5	5	17	4	4	13 325	
13.9	339.3	11.0	22.2	235.2	863.9	440.6	1 283.3	77.1	253.8	7	7	24	5	5	14 3251	
9.4	233.9	7.8	16.4	169.8	644.0	334.4	937.6	61.5	240.4	10	9	27	10	8	28 3253	
6.4	192.2	4.8	9.7	130.5	447.1	510.3	958.2	16.6	171.9	7	6	11	6	5	16 3255	
1.8	44.4	1.4	2.7	29.7	92.2	59.5	150.4	4.4	40.6	9	21	46	4	18	47 3259	
43.6	1 071.6	35.4	68.0	756.5	2 504.8	1 061.4	3 516.5	148.5	547.2	8	9	29	6	8	21 326	
9.6	262.5	8.3	16.7	215.2	739.9	274.5	1 003.2	23.3	111.2	1	1	1	1	1	1 3261	
5.2	121.0	4.2	8.2	88.0	286.8	80.2	368.0	9.3	97.5	1	1	(X)	1	1	3 3262	
1.2	18.3	1.1	2.3	18.7	30.8	16.6	46.3	3.3	5.3	10	10	(X)	17	18	10 3263	
14.0	426.5	11.0	21.8	283.2	933.9	480.6	1 399.6	89.7	211.0	21	22	41	18	20	35 3264	
13.5	243.5	10.9	19.0	151.4	513.2	209.5	699.4	23.0	122.1	8	7	6	7	6	11 3269	
194.9	5 560.1	145.3	312.5	3 732.8	13 999.8	15 659.3	29 547.7	1 076.0	1 898.9	2	3	7	2	2	5 327	
19.5	524.8	10.9	24.1	253.6	1 255.6	1 399.8	2 613.2	100.9	367.5	8	8	24	5	5	24 3271	
66.8	1 748.3	49.0	104.6	1 099.7	4 081.5	3 524.7	7 553.4	272.3	794.1	4	7	10	3	3	10 3272	
92.1	2 711.3	72.5	155.6	1 959.5	6 724.5	8 350.1	15 065.8	527.5	476.6	2	3	7	2	2	5 3273	
5.2	168.0	4.0	7.2	120.1	469.2	369.4	838.9	21.2	87.2	34	22	54	9	16	30 3274	
11.3	407.8	9.0	21.0	299.9	1 469.0	2 015.3	3 476.4	154.0	173.4	9	9	27	5	5	19 3275	
12.9	319.3	10.2	21.3	233.3	664.9	437.6	1 097.7	42.5	151.5	22	29	31	11	13	36 328	
12.9	319.3	10.2	21.3	233.3	664.9	437.6	1 097.7	42.5	151.5	22	29	31	11	13	36 3281	
69.5	2 293.6	51.5	106.5	1 466.5	7 548.7	5 131.8	12 590.8	500.2	1 604.8	6	4	5	3	3	5 329	
22.5	764.2	15.6	32.1	399.8	2 590.9	1 781.5	4 352.4	150.6</								

Table 2. Statistics for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996									
		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 (thousands)	Wages (million dollars)					
		A	B	C	D	E	F	G	H	I	J
33	Primary metal industries	687.4	25 644.3	542.9	1 170.9	18 432.6	69 539.3	108 907.1	178 297.8	7 299.1	24 384.8
331	Blast furnace and basic steel products	221.0	9 950.3	174.0	380.8	7 397.3	29 179.6	45 696.3	74 552.4	3 432.9	12 198.1
3312	Blast furnaces and steel mills	149.2	7 452.2	117.7	260.2	5 655.6	22 111.9	32 698.8	54 510.7	2 818.2	8 839.6
3313	Electrometallurgical products	3.9	148.9	2.8	6.5	98.5	404.8	914.5	1 314.9	30.9	267.7
3315	Steel wire and related products	26.9	773.3	22.0	47.0	573.9	2 233.7	3 191.0	5 406.7	243.7	755.3
3316	Cold finishing of steel shapes	15.5	686.9	11.5	23.3	464.0	1 946.6	4 610.9	6 598.5	178.4	1 206.3
3317	Steel pipe and tubes	25.5	889.0	20.0	43.8	605.2	2 482.6	4 281.0	6 721.6	161.7	1 129.3
332	Iron and steel foundries	128.2	4 372.6	106.3	225.4	3 309.6	9 060.8	6 913.1	15 937.3	650.9	1 543.1
3321	Gray and ductile iron foundries	79.0	2 172.6	65.9	144.7	2 261.1	5 654.4	5 040.6	10 649.4	495.9	898.1
3322	Malleable iron foundries	2.7	112.8	2.3	4.7	92.2	207.9	115.3	320.8	15.8	28.1
3324	Steel investment foundries	21.4	604.9	17.4	33.2	420.7	1 517.2	626.0	2 166.6	73.7	258.9
3325	Steel foundries, n.e.c.	25.1	737.8	20.7	42.8	535.5	1 681.3	1 131.1	2 800.5	65.5	358.0
333	Primary nonferrous metals	34.9	1 407.7	26.4	55.1	987.4	4 199.7	11 184.1	15 424.1	634.6	1 833.6
3331	Primary copper	6.8	268.0	4.9	10.7	187.4	1 131.9	4 964.7	6 089.6	235.9	653.1
3334	Primary aluminum	17.6	750.0	14.0	28.5	551.6	2 020.3	3 835.0	5 933.1	207.0	675.9
3339	Primary nonferrous metals, n.e.c.	10.5	389.8	7.4	15.9	248.4	1 047.5	2 384.4	3 401.4	191.6	504.6
334	Secondary nonferrous metals	15.0	499.6	11.2	25.3	316.0	1 410.0	5 735.1	7 126.7	90.3	694.1
3341	Secondary nonferrous metals	15.0	499.6	11.2	25.3	316.0	1 410.0	5 735.1	7 126.7	90.3	694.1
335	Nonferrous rolling and drawing	162.3	5 627.0	122.6	267.5	3 781.4	16 670.1	31 891.9	48 820.1	1 761.1	6 377.1
3351	Copper rolling and drawing	21.4	769.3	17.1	37.7	554.5	2 316.9	5 878.0	8 310.5	201.2	920.3
3353	Aluminum sheet, plate, and foil	23.5	1 079.0	18.0	38.7	748.3	3 376.2	9 032.9	12 641.5	400.2	1 752.2
3354	Aluminum extruded products	29.3	884.5	23.2	50.8	628.2	2 100.3	3 399.6	5 507.9	179.2	540.1
3355	Aluminum rolling and drawing, n.e.c.	1.5	51.8	1.2	2.6	38.4	224.5	524.8	750.0	7.8	69.8
3356	Nonferrous rolling and drawing, n.e.c.	17.4	667.3	12.0	26.1	426.2	2 023.5	2 105.4	4 077.2	113.0	953.1
3357	Nonferrous wiredrawing and insulating	69.2	2 175.0	51.2	111.5	1 385.8	6 628.7	10 951.2	17 533.1	859.6	2 141.6
336	Nonferrous foundries (castings)	93.9	2 662.4	79.2	167.0	1 956.9	5 855.5	4 696.4	10 518.5	458.9	938.4
3363	Aluminum die-castings	32.5	1 007.5	27.6	58.4	749.8	2 299.6	1 995.3	4 292.3	228.9	325.6
3364	Nonferrous die-castings, except aluminum	13.6	400.7	12.0	24.1	305.2	762.6	682.8	1 436.3	48.2	142.3
3365	Aluminum foundries	33.2	898.0	27.8	59.8	655.3	1 807.8	1 474.2	3 280.8	163.7	248.7
3366	Copper foundries	8.3	172.9	7.2	16.5	132.3	509.8	368.0	867.9	5.2	125.6
3369	Nonferrous foundries, n.e.c.	6.2	183.1	4.6	8.3	114.3	475.7	176.1	641.2	12.9	96.3
339	Miscellaneous primary metal products	32.1	1 124.7	23.0	49.8	684.1	3 163.5	2 790.3	5 918.8	270.5	800.4
3398	Metal heat treating	19.8	676.5	14.5	32.8	428.4	2 085.2	1 215.4	3 258.8	181.8	345.3
3399	Primary metal products, n.e.c.	12.3	448.2	8.5	17.0	255.7	1 078.3	1 574.9	2 660.0	88.7	455.0
34	Fabricated metal products	1 483.0	46 129.8	1 114.4	2 338.8	29 722.7	107 990.4	106 770.7	214 006.3	6 873.5	27 384.0
341	Metal cans and shipping containers	33.0	1 368.6	27.0	58.4	1 091.0	3 999.2	9 364.0	13 453.8	525.5	1 453.2
3411	Metal cans	27.2	1 193.8	23.2	50.5	993.8	3 554.4	8 623.7	12 272.9	495.3	1 298.5
3412	Metal barrels, drums, and pails	5.8	174.7	3.8	7.9	97.1	444.7	740.3	1 180.9	30.1	154.8
342	Cutlery, handtools, and hardware	139.9	4 219.7	107.3	222.0	2 684.3	11 750.3	8 720.0	20 196.9	620.4	3 123.5
3421	Cutlery	10.8	340.0	7.5	15.9	203.8	1 570.2	546.7	2 124.9	160.0	274.7
3423	Hand and edge tools, n.e.c.	41.2	1 241.7	31.9	67.0	796.2	3 113.1	2 327.9	5 303.6	130.5	1 061.0
3425	Saw blades and hand saws	11.9	360.3	9.2	18.8	221.5	1 131.5	670.6	1 719.7	58.0	318.3
3429	Hardware, n.e.c.	76.0	2 277.8	58.7	120.3	1 462.7	5 935.4	5 174.9	11 048.7	271.9	1 469.5
343	Plumbing and heating, except electric	45.2	1 246.2	31.6	68.0	747.8	4 412.4	3 527.3	7 836.2	178.0	1 120.7
3431	Metal sanitary ware	6.2	173.8	5.0	9.7	119.1	662.9	346.7	1 013.5	19.7	119.7
3432	Plumbing fixture fittings and trim	19.5	458.3	14.4	32.2	329.9	2 182.5	1 875.9	3 980.7	84.2	590.5
3433	Heating equipment, except electric	19.5	614.1	12.2	26.1	298.8	1 567.0	1 304.6	2 841.9	74.2	410.4
344	Fabricated structural metal products	432.3	12 555.3	314.8	664.0	7 675.6	27 974.2	31 526.7	59 387.7	1 138.9	7 203.7
3441	Fabricated structural metal	75.5	2 300.1	55.7	119.6	1 397.8	5 159.4	6 688.3	11 743.8	171.7	1 365.3
3442	Metal doors, sash, and trim	68.1	1 718.1	48.5	104.2	1 008.9	4 807.2	8 703.8	8 703.8	136.3	1 015.1
3443	Fabricated plate work (boiler shops)	88.0	2 703.0	64.5	137.6	1 721.4	5 736.8	5 494.0	11 269.2	303.1	1 595.5
3444	Sheet metal work	119.1	3 535.6	82.2	184.7	2 179.1	7 512.7	7 276.9	14 784.1	347.3	1 902.9
3446	Architectural metal work	28.0	764.4	19.9	38.3	438.9	1 715.0	1 395.3	3 105.0	48.5	364.4
3448	Prefabricated metal buildings	28.7	775.6	20.0	42.1	453.4	1 860.8	2 648.4	4 512.1	73.0	334.0
3449	Miscellaneous metal work	25.0	758.5	18.1	37.4	476.0	2 063.4	3 216.6	5 269.6	59.0	626.5
345	Screw machine products, bolts, etc.	103.6	3 264.9	81.1	172.6	2 197.8	6 936.2	4 908.6	11 796.8	420.6	1 768.3
3451	Screw machine products	57.1	1 683.4	46.0	97.9	1 200.0	3 351.1	1 932.5	5 277.8	231.0	642.0
3452	Bolts, nuts, rivets, and washers	46.5	1 581.6	35.1	74.7	997.8	3 585.1	2 976.1	6 519.0	189.5	1 126.3
346	Metal forgings and stampings	259.2	9 696.3	210.7	456.1	7 027.9	19 879.5	21 530.5	41 282.1	1 908.3	3 997.3
3462	Iron and steel forgings	27.0	987.9	21.5	45.5	678.4	2 027.0	2 220.8	4 199.9	96.4	663.9
3463	Nonferrous forgings	7.5	277.5	5.7	12.3	184.0	644.6	830.8	1 468.4	(D)	259.3
3465	Automotive stampings	119.5	5 123.7	100.5	217.8	4 011.5	10 056.8	11 691.5	21 691.6	1 212.6	1 400.6
3466	Crowns and closures	4.1	144.8	3.3	6.8	97.8	379.7	444.5	826.0	(D)	134.4
3469	Metal stampings, n.e.c.	101.1	3 162.4	79.8	173.7	2 056.1	6 771.4	6 343.0	13 096.2	477.5	1 539.0
347	Metal services, n.e.c.	129.1	3 454.1	99.1	204.8	2 164.6	7 792.9	6 231.7	14 002.9	724.1	1 180.7
3471	Plating and polishing	75.2	1 968.7	56.9	117.4	1 203.8	4 051.3	1 829.6	5 902.2	260.8	339.5
3479	Metal coating and allied services	54.0	1 485.4	42.2	87.4	960.8	3 741.6	4 402.1	8 100.7	463.4	841.2
348	Ordnance and accessories, n.e.c.	40.3	1 466.3	24.1	46.3	732.0	3 527.5	1 688.7	5 221.5	84.9	1 076.8
3482	Small arms ammunition	6.9	231.4	5.2	10.8	154.9	527.1	333.2	862.1	26.1	229.7
3483	Ammunition, except for small arms, n.e.c.	9.5	336.8	5.0	10.1	133.7	789.0	636.6	1 480.1	13.1	230.6
3484	Small arms	10.9	332.9	8.5	15.9	232.8	920.2	355.9	1 265.0	31.0	360.8
3489	Ordnance and accessories, n.e.c.	12.9	565.2	5.4	9.5	210.6	1 291.2	363.0	1 614.3	14.7	255.7
349	Miscellaneous fabricated metal products	300.3	8 858.4	218.6	446.5	5 401.7	21 718.1	19 273.2	40 828.3	1 273.0	6 460.0
3491	Industrial valves	53.5	1 829.1	34.8	70.1	966.2	5 121.4	3 792.9	8 872.7	241.8	1 886.9
3492	Fluid power valves and hose fittings	31.5	1 068.1	21.9	46.7	611.5	2 877.6	2 141.4	4 970.7	168.0	1 114.3
3493	Steel springs, except wire	3.9	129.4	2.8	6.0	85.3	281.1	304.9	584.4	15.7	86.4
3494	Valves and pipe fittings, n.e.c.	18.4	566.0	13.7	28.4	368.0	1 298.9	1 245.8	2 531.8	88.7	516.6
3495	Wire springs	20.0	554.4	16.4	32.1	394.5	1 377.0	1 025.2	2 380.0	102.9	221.9
3496	Miscellaneous fabricated wire products	44.0	1 020.5	33.6	66.6	632.3	2 436.2	2 327.6	4 761.1	88.2	684.9
3497	Metal foil and leaf	11.2	433.9	8.5	18.2	290.2	1 437.4	2 149.2	3 613.4	116.8	452.0
3498	Fabricated pipe and fittings	31.0	890.3	22.8	48.0	572.4	2 031.1	2 030.5	4 041.3	133.7	649.8
3499	Fabricated metal products, n.e.c.	86.9	2 366.7	64.1	130.4	1 481.3	4 857.5	4 255.7	9 073.0	317.3	847.2

See footnotes at end of table.

1995										Standard error of estimate ¹ (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)						A	F	I	K	P	S	
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S	
685.8	24 987.5	540.4	1 155.7	17 959.1	69 587.3	111 945.3	180 314.4	6 671.7	24 051.5	2	1	4	1	1	2	33
225.2	9 956.2	176.2	382.7	7 391.5	29 460.8	46 008.7	74 926.8	3 298.7	11 805.5	2	2	2	1	2	2	331
153.5	7 500.9	120.7	262.7	5 688.1	22 191.2	32 698.3	54 516.5	2 751.0	8 410.3	1	1	1	1	1	1	3312
4.1	147.4	2.9	6.5	98.0	364.9	834.4	1 211.0	15.4	259.5	4	4	2	4	4	3	3313
27.4	804.6	21.8	46.6	570.9	2 475.1	3 190.8	5 616.4	187.5	824.5	10	14	22	5	11	19	3315
15.0	646.6	11.0	24.1	442.7	2 033.7	4 901.9	6 842.9	165.8	1 254.1	6	10	10	5	9	9	3316
25.2	856.8	19.7	42.8	591.7	2 395.8	4 383.2	6 740.1	179.0	1 057.2	4	3	5	3	2	15	3317
130.3	4 318.3	107.2	226.0	3 244.7	8 755.1	6 558.6	15 235.3	621.4	1 494.4	3	2	4	2	2	3	332
82.1	2 909.4	68.4	145.9	2 233.8	5 397.5	4 774.9	10 145.2	478.6	870.5	3	2	4	2	2	3	3321
3.0	109.5	2.4	5.0	89.4	201.2	111.2	312.4	10.0	23.2	5	6	11	5	5	1	3322
20.1	574.1	15.8	32.1	404.0	1 481.3	562.1	2 015.6	63.4	258.7	8	8	16	7	8	17	3324
25.2	725.4	20.7	43.0	517.5	1 675.1	1 110.4	2 762.1	69.4	342.0	4	5	7	2	2	7	3325
33.4	1 306.1	25.6	52.1	923.8	5 667.7	12 876.0	18 349.4	476.1	1 800.5	2	1	2	2	2	5	333
6.5	254.1	5.0	10.5	193.1	1 845.2	6 858.4	8 660.9	179.7	628.0	3	2	1	8	4	3	3331
18.1	745.1	14.4	28.3	543.6	2 874.5	3 897.9	6 677.8	151.6	747.7	1	1	1	1	1	1	3334
8.9	307.0	6.2	13.2	187.1	948.0	2 119.7	3 010.7	144.9	424.8	3	4	4	3	2	14	3339
14.9	499.7	11.0	24.6	305.1	1 459.9	6 172.2	7 724.5	95.7	686.8	4	4	12	3	5	8	334
14.9	499.7	11.0	24.6	305.1	1 459.9	6 172.2	7 724.5	95.7	686.8	4	4	12	3	5	8	3341
159.8	5 338.4	121.1	259.2	3 581.9	15 592.1	33 117.1	48 441.5	1 422.8	6 520.3	3	2	12	2	2	5	335
21.4	738.4	17.0	37.4	533.3	2 465.2	5 740.3	8 183.2	251.9	923.4	8	5	38	6	11	22	3351
22.9	1 027.4	17.6	38.1	725.1	3 109.2	10 908.2	13 894.6	378.8	1 931.9	1	1	1	1	1	1	3353
29.0	850.3	23.0	50.8	584.3	2 018.7	3 657.5	5 666.4	179.2	593.6	3	4	6	3	4	5	3354
1.6	51.0	1.2	2.5	37.1	221.9	556.9	781.8	7.5	65.9	5	3	1	5	3	1	3355
16.7	605.9	11.5	24.5	387.9	1 738.1	1 869.6	3 512.4	75.0	875.9	3	2	8	3	3	6	3356
68.2	2 065.4	50.8	105.9	1 314.2	6 039.0	10 384.7	16 403.2	530.4	2 129.6	5	3	23	3	2	5	3357
90.5	2 508.2	76.1	162.1	1 858.5	5 434.0	4 462.7	9 823.4	488.4	927.2	5	4	10	4	4	10	336
32.5	996.4	27.3	59.3	742.3	2 280.2	1 967.2	4 213.2	223.3	345.9	7	7	13	6	6	12	3363
13.9	379.6	12.4	24.6	292.7	712.7	622.9	1 323.5	56.0	134.8	14	12	25	14	9	25	3364
30.8	817.7	25.8	54.8	607.4	1 677.5	1 369.9	3 024.1	177.3	238.7	7	7	20	5	6	19	3365
8.7	164.1	7.4	16.3	125.0	416.9	351.9	756.0	18.5	120.5	7	9	68	9	7	13	3366
4.6	150.5	3.2	7.1	91.0	366.8	150.8	506.6	13.2	87.4	27	16	48	16	9	60	3369
31.6	1 060.6	23.2	49.1	653.6	3 217.8	2 750.0	5 813.5	268.6	816.7	7	9	11	5	8	12	339
19.5	637.2	14.6	31.6	403.7	2 006.2	1 261.1	3 192.5	175.0	342.1	11	13	17	8	13	19	3398
12.2	423.4	8.6	17.5	250.0	1 211.6	1 489.0	2 620.9	93.7	474.6	4	6	5	2	5	5	3399
1 463.6	44 527.3	1 098.5	2 300.0	28 764.4	102 417.7	103 263.6	204 383.9	7 089.7	26 506.8	1	1	3	1	1	2	34
36.1	1 379.6	30.1	72.5	1 103.2	3 872.6	9 880.3	13 592.0	503.8	1 542.7	5	3	2	3	2	2	341
29.3	1 183.0	25.1	61.9	978.4	3 396.5	9 084.4	12 325.5	471.4	1 400.1	2	2	1	2	1	2	3411
6.8	196.7	5.0	10.6	124.8	476.2	795.9	1 266.4	32.4	142.6	26	19	17	11	12	24	3412
141.8	4 138.9	107.1	219.1	2 646.6	10 919.1	8 313.0	19 096.6	603.3	2 819.8	4	4	6	3	3	5	342
11.2	329.1	7.8	15.8	202.3	1 434.3	506.5	1 921.1	80.8	281.6	12	1	11	9	4	11	3421
41.9	1 192.3	31.7	65.9	754.4	2 960.0	2 185.4	5 077.3	134.1	958.1	5	8	17	4	5	8	3423
11.0	334.8	7.8	15.9	196.8	552.7	504.9	1 456.0	48.6	233.4	32	30	23	27	27	27	3425
77.8	2 282.8	59.8	121.5	1 493.2	5 572.1	5 116.2	10 642.2	339.8	1 346.6	4	4	7	2	3	6	3429
44.4	1 302.7	30.6	62.5	723.4	3 941.7	3 076.2	7 026.2	176.6	1 073.8	3	8	9	2	6	8	343
6.3	167.9	5.0	9.6	108.8	580.6	320.5	909.4	24.2	122.5	1	1	1	1	1	1	3431
18.1	541.2	13.2	27.7	323.6	1 867.6	1 499.8	3 409.2	86.1	523.4	4	14	7	2	12	7	3432
19.9	593.7	12.4	25.2	291.0	1 493.6	1 255.9	2 707.6	66.3	428.2	5	7	20	4	7	19	3433
415.3	11 736.9	301.0	629.6	7 153.6	26 389.4	29 912.8	56 007.4	1 062.5	7 086.8	2	2	7	2	2	6	344
74.3	2 169.4	54.3	116.8	1 337.5	4 818.3	6 173.8	10 918.2	166.1	1 252.1	3	3	5	2	3	8	3441
66.6	1 613.2	47.3	101.9	964.0	3 639.5	4 534.6	8 203.7	132.4	972.8	5	5	12	4	4	10	3442
82.3	2 505.0	60.3	125.2	1 543.9	5 658.8	5 119.8	10 675.3	275.7	1 652.4	7	7	24	5	5	18	3443
115.5	3 338.6	84.8	176.9	2 064.8	7 345.3	7 145.2	14 395.7	321.7	1 949.2	3	3	7	3	3	7	3444
26.9	726.2	19.0	36.9	416.4	1 548.5	1 315.5	2 844.2	45.1	353.2	4	6	10	3	5	8	3446
27.4	703.2	19.3	38.2	413.3	1 866.9	2 488.4	4 352.1	67.4	339.1	8	9	18	8	9	21	3448
22.4	681.4	16.0	33.7	413.7	1 512.1	3 135.4	4 618.2	51.0	568.0	8	9	13	6	6	14	3449
100.2	3 080.4	78.1	166.7	2 071.1	6 718.5	4 810.1	11 428.7	635.7	1 712.7	5	4	11	3	3	7	345
54.2	1 551.5	44.0	94.6	1 092.2	3 178.8	1 928.3	5 043.9	249.9	632.6	8	8	18	5	4	15	3451
46.0	1 528.9	34.1	72.1	978.9	3 539.7	2 881.8	6 384.9	385.8	1 080.0	3	4	10	3	3	6	3452
258.5	9 504.9	209.7	448.7	6 950.1	18 666.3	20 967.7	39 447.6	2 141.0	3 873.7	2	2	6	2	2	4	346
25.2	890.3	20.0	42.1	618.3	1 856.4	2 019.5	3 857.3	89.3	590.2	8	5	15	6	6	6	3462
8.1	307.5	5.9	13.5	199.6	700.8	842.2	1 548.0	50.8	266.6	3	7	(X)	2	5	7	3463
120.0	5 155.7	100.5	216.7	4 083.6	9 160.9	11 615.5	20 728.2	1 441.0	1 339.3	3	2	5	2	2	5	3465
4.3	145.1	3.5	7.7	97.4	365.0	456.4	821.2	26.0	133.2	1	1	(X)	1	1	1	3466
100.9	3 006.3	79.8	168.7	1 951.2	6 583.1	6 034.1	12 492.8	533.9	1 544.4	4	4	19	3	4	9	3469
126.4	3 283.1	97.8	200.1	2 054.1	7 418.0	5 912.0	13 302.4	540.6	1 095.2	3	3	5	3	2	6	347
75.7	1 900.9	58.3	119.0	1 164.0	3 957.9	1 819.9	5 774.8	272.0	362.2	4	4	10	3	3	10	3471
50.7	1 382.2	39.5	81.1	890.1	3 460.1	4 092.1	7 527.7	268.6	733.0	5	4	4	4	3	7	3479
42.1	1 512.9	25.9	53.0	784.8	3 813.0	1 74										

Table 2. Statistics for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996									
		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
35	Industrial machinery and equipment	1 980.5	70 729.5	1 287.0	2 685.1	37 896.6	187 217.9	194 259.1	381 793.7	11 450.7	55 910.2
351	Engines and turbines	78.6	3 185.5	54.5	109.9	1 924.5	10 512.9	12 954.2	23 553.8	677.6	3 679.3
3511	Turbines and turbine generator sets	21.8	948.3	13.2	26.9	522.9	3 167.9	3 049.3	6 267.7	150.1	1 939.8
3519	Internal combustion engines, n.e.c.	56.9	2 237.2	41.2	83.0	1 401.6	7 344.9	9 904.8	17 286.1	527.5	1 739.6
352	Farm and garden machinery	93.5	2 917.8	70.0	141.9	1 880.4	9 544.8	11 858.1	21 292.0	414.4	3 338.6
3523	Farm machinery and equipment	66.6	2 216.6	48.5	97.9	1 394.4	7 176.1	7 497.6	14 469.0	294.1	2 309.2
3524	Lawn and garden equipment	27.0	701.2	21.5	44.0	486.1	2 368.7	4 360.5	6 823.0	120.3	1 029.4
353	Construction and related machinery	204.9	7 156.7	133.0	275.0	3 935.0	18 178.4	23 473.5	41 509.4	888.9	7 343.8
3531	Construction machinery	88.7	3 112.2	61.1	123.7	1 846.7	8 940.5	12 736.2	21 627.3	450.2	3 789.5
3532	Mining machinery	13.7	446.8	8.4	17.2	238.5	1 102.7	1 308.3	2 396.6	43.8	533.9
3533	Oil and gas field machinery	26.4	956.9	17.0	34.0	546.3	2 592.0	2 174.4	4 646.1	157.1	1 346.2
3534	Elevators and moving stairways	8.4	280.7	5.4	11.3	156.4	616.5	700.7	1 313.2	24.3	169.4
3535	Conveyors and conveying equipment	36.7	1 342.6	20.4	44.9	589.3	2 496.9	2 786.7	5 310.6	87.7	560.5
3536	Hoists, cranes, and monorails	8.1	275.9	5.0	11.2	147.2	668.2	691.4	1 349.6	18.8	251.5
3537	Industrial trucks and tractors	23.0	741.6	15.8	32.7	410.6	1 761.5	3 075.6	4 866.1	107.1	692.9
354	Metalworking machinery	294.8	10 984.5	211.4	455.6	6 910.4	22 673.1	14 342.7	36 841.4	1 484.7	6 730.1
3541	Machine tools, metal cutting types	26.9	1 117.9	16.2	34.2	576.4	1 957.1	2 218.4	4 143.4	116.7	1 325.2
3542	Machine tools, metal forming types	13.5	524.7	8.5	18.6	307.3	1 262.4	940.9	2 213.3	52.0	523.8
3543	Industrial patterns	8.0	282.5	6.3	13.9	224.9	562.0	146.4	703.2	24.3	93.6
3544	Special dies, tools, jigs, and fixtures	133.3	5 099.1	104.0	230.1	3 598.8	9 094.0	3 950.7	12 949.3	698.9	1 867.1
3545	Machine tool accessories	55.6	1 818.4	39.3	82.6	1 078.6	4 073.2	1 880.2	5 892.8	282.5	1 056.1
3546	Power-driven handtools	16.3	493.5	11.3	22.7	276.2	1 949.4	1 786.3	3 744.3	118.2	424.3
3547	Rolling mill machinery	4.5	166.7	2.4	5.1	75.5	355.3	385.1	722.3	21.1	141.9
3548	Welding apparatus	19.7	754.2	13.0	25.5	409.2	1 866.4	1 612.5	3 496.4	124.1	623.9
3549	Metalworking machinery, n.e.c.	16.9	727.5	10.4	22.7	363.6	1 553.3	1 422.3	2 976.3	46.9	674.3
355	Special industry machinery	192.3	7 310.8	109.9	221.0	3 360.0	19 220.8	16 514.9	35 750.6	1 333.7	6 823.4
3552	Textile machinery	16.3	494.2	10.2	21.3	280.6	989.5	891.7	1 876.7	41.1	442.3
3553	Woodworking machinery	10.2	312.4	6.4	13.1	179.9	716.6	631.5	1 342.4	32.5	220.5
3554	Paper industries machinery	19.5	795.8	11.2	22.4	393.3	1 606.9	1 855.1	3 419.0	75.3	738.8
3555	Printing trades machinery	21.8	893.7	11.0	22.1	351.4	1 864.2	1 748.5	3 653.7	106.2	824.4
3556	Food products machinery	21.1	688.4	12.1	23.8	325.0	1 583.4	1 198.1	2 797.6	67.0	579.2
3559	Special industry machinery, n.e.c.	103.5	4 126.1	59.0	118.4	1 829.9	12 460.2	10 190.0	22 661.1	1 011.5	4 018.2
356	General industrial machinery	264.9	9 129.9	171.9	354.1	4 867.1	23 109.5	18 542.5	41 457.9	1 259.7	7 897.6
3561	Pumps and pumping equipment	37.0	1 343.3	21.9	44.2	636.0	3 409.0	3 173.7	6 541.8	179.3	1 285.6
3562	Ball and roller bearings	36.0	1 252.9	29.5	61.0	959.1	3 326.1	2 114.6	5 446.3	272.6	955.9
3563	Air and gas compressors	28.1	1 016.7	17.3	34.7	498.2	2 848.4	2 973.6	5 749.0	123.2	1 230.0
3564	Blowers and fans	31.4	902.3	21.1	44.8	500.5	2 219.6	1 938.9	4 133.3	90.8	472.5
3565	Packaging machinery	27.2	1 015.0	16.3	33.3	489.0	2 304.6	1 726.0	4 055.8	111.4	935.9
3566	Speed changers, drives, and gears	17.1	596.5	12.2	24.9	378.3	1 545.8	870.3	2 416.1	105.0	523.7
3567	Industrial furnaces and ovens	19.7	631.2	11.0	23.6	246.2	1 637.0	1 262.9	2 850.9	41.9	474.6
3568	Power transmission equipment, n.e.c.	22.3	753.8	15.4	30.9	451.2	1 696.6	1 233.1	2 912.8	85.0	680.6
3569	General industrial machinery, n.e.c.	46.1	1 618.2	27.2	56.8	708.7	4 122.5	3 249.4	7 351.9	250.4	1 338.9
357	Computer and office equipment	259.0	11 211.2	96.1	197.2	2 851.0	41 135.2	60 857.1	103 269.9	2 916.8	10 277.1
3571	Electronic computers	101.8	4 499.6	31.0	62.9	797.8	23 152.8	35 086.3	59 413.6	845.9	5 296.5
3572	Computer storage devices	38.6	1 871.6	17.2	37.7	592.7	5 035.7	7 349.0	12 511.1	956.3	1 284.5
3575	Computer terminals	5.8	221.4	2.7	5.5	68.8	352.4	590.8	938.6	26.0	174.2
3577	Computer peripheral equipment, n.e.c.	75.0	3 511.5	32.5	65.3	1 084.2	9 437.3	15 242.1	24 729.1	855.5	2 334.3
3578	Calculating and accounting equipment	8.1	300.4	3.9	8.3	84.3	944.2	945.7	1 835.2	113.8	323.4
3579	Office machines, n.e.c.	29.8	806.6	8.9	17.6	223.2	2 212.7	1 643.3	3 842.3	119.3	864.2
358	Refrigeration and service machinery	200.5	6 493.3	147.2	301.9	4 054.0	17 521.4	21 818.8	39 196.7	907.1	4 856.7
3581	Automatic vending machines	7.4	206.4	5.7	12.5	113.6	485.3	555.1	1 025.1	28.4	178.7
3582	Commercial laundry equipment	4.6	128.7	3.4	7.2	76.4	264.5	311.0	570.3	7.6	108.8
3585	Refrigeration and heating equipment	134.9	4 480.4	104.0	214.7	3 049.3	12 286.5	15 824.8	28 094.1	717.0	3 069.3
3586	Measuring and dispensing pumps	6.8	234.8	4.4	8.7	121.1	651.2	762.7	1 413.2	25.8	200.6
3589	Service industry machinery, n.e.c.	46.9	1 442.9	29.7	58.8	693.5	3 833.9	4 365.1	8 093.9	128.4	1 299.4
359	Industrial machinery, n.e.c.	391.8	12 339.8	293.0	628.5	8 114.1	25 322.0	13 897.4	38 922.1	1 567.8	4 963.5
3592	Carburetors, pistons, rings, and valves	19.5	707.8	15.6	36.2	532.5	1 613.6	1 242.8	2 857.1	174.9	262.3
3593	Fluid power cylinders and actuators	20.6	775.4	13.3	29.2	446.5	1 524.3	1 246.1	2 754.6	92.4	509.1
3594	Fluid power pumps and motors	11.1	406.8	7.9	16.0	253.7	1 011.1	858.4	1 830.7	83.3	324.8
3596	Scales and balances, except laboratory	5.4	173.2	3.2	6.4	75.6	318.5	409.6	728.7	15.7	144.8
3599	Industrial machinery, n.e.c.	335.3	10 276.6	253.0	540.7	6 805.7	20 854.4	10 140.5	30 751.0	1 201.6	3 722.5
36	Electronic and other electric equipment	1 556.5	54 311.4	1 006.3	2 030.8	25 614.4	184 012.7	136 919.6	320 614.7	20 867.4	37 953.0
361	Electric distribution equipment	73.6	2 498.9	51.4	107.2	1 414.2	6 699.6	5 522.9	12 330.6	308.1	1 495.2
3612	Transformers, except electronic	32.1	1 100.9	22.4	48.5	615.2	2 512.5	2 501.6	5 146.5	144.2	647.0
3613	Switchgear and switchboard apparatus	41.5	1 397.9	29.0	58.7	798.9	4 187.0	3 021.3	7 184.2	164.0	848.2
362	Electrical industrial apparatus	171.3	5 372.6	119.8	236.6	2 907.9	14 277.5	12 656.9	26 925.7	783.6	3 886.7
3621	Motors and generators	75.2	2 128.9	59.9	119.6	1 459.9	5 513.0	5 901.8	11 477.3	349.4	1 446.4
3624	Carbon and graphite products	11.4	391.6	8.5	17.6	254.2	1 168.1	849.3	1 994.9	92.6	426.9
3625	Relays and industrial controls	66.2	2 324.8	38.6	73.4	940.7	6 246.5	4 661.9	10 862.3	280.4	1 556.0
3629	Electrical industrial apparatus, n.e.c.	18.5	527.3	12.8	25.9	253.2	1 349.9	1 243.8	2 591.1	61.2	457.4
363	Household appliances	108.1	3 071.8	87.1	171.0	2 191.5	9 465.8	12 577.5	22 156.9	721.2	2 299.1
3631	Household cooking equipment	18.9	517.4	14.7	29.4	332.1	1 288.0	2 190.8	3 564.7	144.2	459.6
3632	Household refrigerators and freezers	26.1	809.6	21.9	41.2	619.5	2 156.0	3 350.2	5 604.6	191.2	482.6
3633	Household laundry equipment	15.7	501.0	12.9	25.4	393.2	1 863.6	2 382.2	4 232.9	149.5	346.9
3634	Electric housewares and fans	22.3	488.4	18.1	36.0	335.3	1 106.4	1 984.2	3 032.4	62.3	526.0
3635	Household vacuum cleaners	11.9	363.8	8.2	17.3	208.4	1 344.6	1 088.2	2 425.0	85.7	250.6
3639	Household appliances, n.e.c.	13.2	391.5	11.2	21.8	303.0	1 707.2	1 581.9	3 297.3	88.3	233.4
364	Electric lighting and wiring equipment	157.2	4 616.5	117.0	231.7	2 844.3	13 427.6	11 065.4	24 562.1	671.0	3 076.0
3641	Electric lamp bulbs and tubes	15.3	518.6	13.0	27.0	421.0	1 941.5	1 031.7	2 984.8	145.7	247.2
3643	Current-carrying wiring devices	43.6	1 218.8	31.3	59.3	667.5	3 301.0	2 172.1	5 499.9	180.2	736.4
3644	Noncurrent-carrying wiring devices	24.5	766.9	18.6	39.0	495.5	2 249.8	1 861.8	4 128.0	99.9	579.4
3645	Residential lighting fixtures	15.4	341.7	12.2	24.1	209.4	938.8	896.5	1 838.4	19.1	356.4
3646	Commercial lighting fixtures	23.8	653.9	16.7	32.9	353.2					

1995											Standard error of estimate ¹ (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)						A	F	I	K	P	S		
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S		
1 925.8	67 431.1	1 261.1	2 631.4	36 340.4	176 093.4	180 393.5	353 337.8	9 971.3	57 106.2	1	1	2	1	1	2 35		
81.8	3 288.6	57.0	115.1	1 986.1	9 441.6	12 968.8	22 785.7	661.4	3 534.1	4	2	3	2	1	3 351		
24.3	1 050.8	14.8	28.8	548.1	2 700.7	3 028.4	6 143.8	161.9	1 761.4	4	2	3	4	2	10 3511		
57.5	2 237.8	42.2	86.3	1 438.0	6 740.9	9 940.4	16 641.9	499.4	1 772.7	5	2	4	1	1	1 3519		
93.4	2 824.0	70.6	144.6	1 887.4	9 359.7	11 403.9	20 728.1	415.5	3 165.2	3	3	8	3	2	7 352		
65.7	2 139.4	48.3	98.3	1 412.4	6 854.5	6 893.3	13 756.7	289.8	1 979.6	5	4	10	4	3	9 3523		
27.7	684.6	22.3	46.3	475.0	2 505.2	4 510.5	6 971.3	125.7	1 185.7	2	2	12	2	2	9 3524		
198.8	6 652.4	129.0	254.2	3 543.8	16 852.4	21 888.9	38 449.8	822.2	7 125.8	3	3	7	3	2	5 353		
85.4	2 854.9	58.4	107.3	1 589.4	8 359.0	11 733.6	19 911.3	442.9	3 610.7	6	3	6	4	3	5 3531		
13.8	446.5	8.9	18.1	240.8	1 074.2	1 158.1	2 181.0	29.8	554.0	4	8	23	4	6	34 3532		
24.3	814.0	15.0	29.7	446.9	2 240.8	1 637.1	3 803.3	122.7	1 157.0	9	8	31	8	7	26 3533		
8.4	267.6	5.3	10.9	150.6	479.8	656.9	1 139.1	17.7	165.8	8	7	7	7	8	15 3534		
36.4	1 283.2	20.7	44.9	577.0	2 371.8	2 818.4	5 241.5	103.2	612.5	7	7	15	6	4	14 3535		
8.2	262.9	5.1	11.0	141.5	565.0	634.3	1 203.3	11.4	235.2	9	11	45	10	12	12 3536		
22.3	723.4	15.5	32.3	397.7	1 761.8	3 250.6	4 970.3	94.4	790.7	7	10	15	6	8	8 3537		
286.0	10 403.4	205.0	447.6	6 644.4	22 205.4	13 694.7	35 291.9	1 475.2	6 584.3	2	2	5	2	2	4 354		
27.0	1 061.6	16.0	34.0	552.7	2 080.4	2 086.9	4 065.4	134.1	1 265.6	5	5	12	5	6	14 3541		
13.4	512.3	8.5	18.5	300.4	1 205.9	912.0	2 023.9	56.2	566.5	7	11	15	5	8	19 3542		
7.7	273.3	6.2	13.3	213.5	485.2	143.7	34.9	630.7	74.2	14	13	24	10	11	29 3543		
130.8	4 911.9	101.9	225.8	3 466.6	9 042.0	3 782.8	12 656.2	721.7	1 771.0	2	3	5	2	5	5 3544		
51.1	1 608.2	35.8	77.4	964.6	3 732.9	1 697.5	5 341.4	245.3	999.3	6	7	15	3	5	15 3545		
17.0	500.7	11.9	24.6	298.5	2 030.6	1 771.1	3 790.8	117.8	450.4	11	5	1	10	5	1 3546		
4.2	156.1	2.3	4.8	74.7	340.8	324.2	658.2	13.0	125.5	5	8	28	6	8	18 3547		
18.9	723.4	12.7	26.8	426.7	1 736.3	1 612.7	3 302.9	89.3	622.8	6	6	36	5	6	8 3548		
15.9	655.8	9.9	22.4	346.8	1 551.4	1 364.0	2 822.3	62.9	709.2	8	13	13	6	10	16 3549		
185.7	7 208.5	106.5	223.3	3 293.5	18 005.3	15 546.3	32 780.0	1 001.6	6 933.6	4	3	11	2	3	12 355		
16.9	508.0	10.6	22.0	285.9	1 134.0	878.9	1 997.4	66.4	471.6	22	20	28	4	5	32 3552		
9.8	307.6	6.3	13.9	173.0	788.2	711.2	1 482.6	28.2	233.8	15	13	32	7	13	32 3553		
19.3	771.9	10.9	22.4	370.8	1 785.2	1 783.5	3 417.9	90.6	703.6	6	6	6	5	5	7 3554		
21.6	869.9	12.1	26.2	387.7	1 729.1	1 790.4	3 498.2	101.2	845.0	8	10	17	6	5	16 3555		
19.9	679.7	12.1	24.8	333.8	1 630.0	1 208.6	2 819.1	43.0	584.1	8	7	24	3	4	14 3556		
98.1	4 071.4	54.5	114.0	1 742.2	10 958.8	9 173.6	19 564.7	672.3	4 095.6	4	4	14	3	5	17 3559		
259.5	8 829.9	169.2	348.4	4 782.6	22 002.0	17 679.8	39 214.3	1 121.8	7 704.5	3	3	3	2	2	3 356		
35.5	1 269.5	20.9	41.3	591.6	3 113.9	2 934.0	6 061.0	161.9	1 234.0	6	5	6	6	5	7 3561		
35.6	1 239.0	29.2	60.7	950.1	3 234.0	2 101.7	5 281.1	248.1	956.5	2	4	6	2	4	2 3562		
26.9	948.1	16.8	34.5	474.9	2 522.4	2 685.3	5 087.0	128.1	1 163.3	11	11	10	5	8	15 3563		
29.1	838.4	19.6	41.9	465.8	1 916.6	1 727.5	3 654.1	72.6	431.1	10	5	9	11	5	8 3564		
28.0	1 013.0	16.9	34.3	503.7	2 447.4	1 831.7	4 184.7	87.0	986.4	8	6	8	7	6	11 3565		
16.8	595.8	12.0	24.5	380.5	1 514.4	892.2	2 349.6	81.4	514.7	6	6	10	3	4	16 3566		
18.7	584.9	10.7	22.2	245.8	1 521.9	1 165.4	2 654.7	51.7	412.7	18	16	19	7	9	13 3567		
22.8	749.5	15.7	31.6	453.0	1 705.4	1 229.9	2 908.8	85.7	681.3	4	3	4	4	3	5 3568		
46.2	1 591.7	27.3	57.4	717.1	4 026.0	3 112.1	7 033.4	205.4	1 324.5	3	4	7	2	6	5 3569		
246.2	10 285.3	91.4	189.3	2 499.1	38 354.7	53 911.9	91 342.9	2 093.1	12 630.0	1	1	3	1	1	2 357		
106.4	4 718.7	34.3	69.5	906.4	24 294.6	35 255.4	58 745.2	884.5	7 875.1	1	1	1	1	1	1 3571		
37.8	1 788.6	17.2	38.7	620.2	5 194.5	6 598.9	11 833.1	615.0	1 416.5	2	2	1	2	1	1 3572		
6.5	261.5	2.7	5.4	73.8	463.9	822.3	1 271.5	47.3	250.1	5	8	5	3	4	2 3575		
59.2	2 426.5	24.7	49.8	604.0	5 352.3	8 972.9	14 227.9	355.1	1 967.0	3	2	2	2	2	3 3577		
7.8	294.9	3.9	8.2	79.7	815.5	649.8	1 462.5	67.1	272.5	20	10	57	14	10	43 3578		
28.5	795.1	8.6	17.7	215.1	2 233.9	1 612.7	3 802.8	124.0	848.8	3	3	2	2	2	3 3579		
197.5	6 231.5	144.4	291.8	3 893.9	16 459.0	20 244.9	36 564.2	879.1	4 710.8	3	3	2	2	2	3 358		
7.0	197.6	5.4	11.4	107.5	426.5	525.6	956.3	28.6	154.7	14	8	3	16	8	1 3581		
4.9	128.7	3.6	7.6	78.8	299.8	315.5	608.4	107.1	107.1	4	4	2	4	3	1 3582		
134.8	4 301.4	103.2	207.1	2 932.7	11 373.6	14 910.1	26 217.1	671.5	3 033.3	3	2	2	2	2	3 3585		
7.3	238.1	4.9	9.4	128.3	700.3	774.9	1 479.0	26.8	193.5	3	12	13	2	16	8 3586		
43.5	1 365.6	27.3	56.2	646.6	3 658.8	3 718.9	7 303.4	148.6	1 222.2	6	8	9	4	5	15 3589		
376.8	11 707.5	288.0	617.1	7 809.6	23 413.4	13 054.3	36 180.8	1 501.5	4 717.8	3	3	6	2	2	7 359		
20.2	680.3	16.3	35.9	510.6	1 603.9	1 246.6	2 834.4	268.0	4 4 6	4	4	6	4	4	15 3592		
19.7	757.5	12.7	28.7	439.7	1 544.7	1 092.0	2 617.2	88.6	495.6	6	7	14	5	7	10 3593		
11.3	405.8	8.3	16.7	256.5	1 023.4	814.9	1 807.7	89.9	298.2	10	7	14	10	7	22 3594		
5.5	171.9	3.2	6.5	78.1	345.7	393.3	733.1	12.7	141.5	11	14	22	9	11	19 3596		
320.2	9 692.0	247.3	529.2	6 524.6	18 895.7	9 507.6	28 188.4	1 151.9	3 514.5	3	4	7	2	3	8 3599		
1 536.1	51 496.6	998.4	2 009.6	24 515.2	173 471.1	130 527.1	301 447.4	17 207.5	37 989.8	2	2	2	1	1	2 36		
73.9	2 393.6	52.0	108.2	1 371.1	6 658.8	5 494.6	12 078.8	287.5	1 554.7	8	7	19	8	9	18 361		
32.3	1 047.7	23.0	49.4	589.4	2 574.3	2 691.4	5 212.8	132.1	715.1	16	19	40	17	22	38 3612		
41.6	1 345.9	29.0	58.8	781.7	4 084.5	2 803.2	6 866.0	155.4	839.6	2	2	6	2	2	6 3613		
169.7	5 163.4	119.6	237.0	2 845.8	14 042.8	11 991.2	25 953.3	783.9	3 814.0	3	4	7	2	3	3 362		
77.1	2 080.3	61.7	121.7	1 448.8	5 566.8	5 614.5	11 162.5	336.7	1 443.1	4	7	14	4	4	6 3621		
10.9	364.3	8.1	16.9	238.4	1 149.1	783.4	1 927.7	73.9	399.8	5	7	13	4	6	9 3624		
64.2	2 202.7	37.6	73.2	905.5	5 890.4	4 323.2	10 187.8	304.7	1 516.1	4	4	4	3	4	4 3625		
17.6	516.1	1															

Table 2. Statistics for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996									
		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
36	Electronic and other electric equipment—Con.										
366	Communications equipment	258.4	11 521.6	119.5	233.7	3 679.6	38 705.3	29 591.2	68 231.9	2 267.6	9 466.6
3661	Telephone and telegraph apparatus	93.6	4 468.7	38.1	77.0	1 276.1	18 819.7	12 859.9	31 726.5	730.8	3 929.0
3663	Radio and television communications equipment	140.0	6 201.5	68.9	132.4	2 142.7	17 219.3	14 972.6	32 080.1	1 357.2	4 919.4
3669	Communications equipment, n.e.c.	24.8	851.4	12.4	24.3	260.8	2 666.3	1 758.7	4 425.3	179.5	618.2
367	Electronic components and accessories	587.9	20 830.1	368.1	768.3	8 988.0	84 058.6	44 486.4	127 995.7	14 345.0	13 145.1
3671	Electron tubes	23.3	727.9	17.9	35.1	454.5	1 620.4	2 194.0	3 778.7	181.4	502.9
3672	Printed circuit boards	88.3	2 531.4	63.9	135.0	1 451.0	6 563.7	4 231.0	10 701.6	585.4	1 107.0
3674	Semiconductors and related devices	189.6	9 042.2	96.2	195.7	2 991.9	56 311.3	15 399.9	71 413.4	11 991.4	4 746.7
3675	Electronic capacitors	18.4	472.1	14.2	28.3	270.8	1 004.8	984.6	1 977.9	212.3	397.6
3676	Electronic resistors	9.5	241.8	6.7	13.7	133.3	633.6	295.5	927.0	42.1	153.2
3677	Electronic coils and transformers	20.0	431.7	15.7	31.3	248.2	838.7	521.7	1 364.8	21.8	199.8
3678	Electronic connectors	33.1	1 118.0	24.3	51.8	667.8	2 960.9	1 899.5	4 863.2	228.1	802.4
3679	Electronic components, n.e.c.	205.8	6 265.0	129.2	277.4	2 770.5	14 125.3	18 960.4	32 969.0	1 082.4	5 235.4
369	Miscellaneous electrical equipment and supplies	151.3	5 066.6	106.4	208.2	2 818.3	13 919.9	13 397.9	27 146.3	1 285.6	3 514.3
3691	Storage batteries	21.3	702.8	17.7	35.6	531.1	2 175.6	1 949.4	4 110.0	199.4	558.0
3692	Primary batteries, dry and wet	7.1	238.7	5.9	10.8	169.8	1 020.4	1 097.5	2 116.1	112.1	103.1
3694	Engine electrical equipment	53.5	1 600.3	42.6	85.8	1 154.9	4 605.0	4 814.5	9 369.8	240.0	1 070.9
3695	Magnetic and optical recording media	23.7	844.6	16.7	31.3	463.7	2 455.0	2 827.6	5 271.5	522.5	525.7
3699	Electrical equipment and supplies, n.e.c.	45.8	1 680.3	23.4	44.6	498.7	3 663.8	2 708.9	6 278.9	211.7	1 256.6
37	Transportation equipment	1 466.9	63 531.8	1 032.2	2 153.2	39 762.4	176 597.9	293 399.0	465 172.2	13 498.0	62 347.6
371	Motor vehicles and equipment	772.0	32 867.4	633.6	1 354.7	25 682.9	105 899.4	223 639.2	329 154.9	10 263.9	15 852.1
3711	Motor vehicles and car bodies	225.2	12 310.9	196.3	418.8	10 304.2	55 369.1	145 134.1	200 704.4	4 381.7	4 304.3
3713	Truck and bus bodies	37.3	1 055.4	28.9	58.8	699.0	3 760.6	4 746.4	8 479.1	121.0	1 098.0
3714	Motor vehicle parts and accessories	459.9	18 171.0	368.3	797.3	13 779.0	44 209.9	67 311.2	110 991.7	5 647.0	9 181.2
3715	Truck trailers	30.4	799.3	24.6	49.7	556.6	1 411.7	3 581.6	4 993.7	79.2	742.9
3716	Motor homes	19.2	530.8	15.4	30.1	344.1	1 148.1	2 866.0	3 986.0	34.9	525.7
372	Aircraft and parts	376.7	18 732.5	190.4	386.5	8 237.2	45 220.2	42 366.6	83 393.6	2 023.4	36 813.6
3721	Aircraft	188.3	9 839.3	84.5	164.7	3 807.8	25 136.8	26 131.1	47 312.6	622.2	27 540.2
3724	Aircraft engines and engine parts	75.1	3 639.9	41.4	85.5	1 708.7	9 036.7	9 758.3	18 769.2	485.0	3 382.2
3728	Aircraft parts and equipment, n.e.c.	113.4	5 253.3	64.5	136.2	2 720.7	11 046.7	6 477.2	17 311.8	916.1	5 891.3
373	Ship and boat building and repairing	141.3	4 352.6	108.4	215.2	2 801.7	7 903.1	7 760.4	15 634.2	350.8	2 165.3
3731	Ship building and repairing ¹	92.1	3 175.2	68.4	137.9	1 984.7	5 446.7	4 364.7	9 811.3	241.6	1 422.8
3732	Boat building and repairing	49.2	1 177.4	40.1	77.3	817.0	2 456.5	3 395.7	5 822.9	109.3	742.5
374	Railroad equipment	30.6	1 141.4	22.7	48.9	738.7	2 590.1	4 363.1	7 067.0	96.5	1 233.4
3743	Railroad equipment	30.6	1 141.4	22.7	48.9	738.7	2 590.1	4 363.1	7 067.0	96.5	1 233.4
375	Motorcycles, bicycles, and parts	18.4	565.1	13.8	25.4	351.8	1 434.9	1 673.9	3 094.0	131.1	411.6
3751	Motorcycles, bicycles, and parts	18.4	565.1	13.8	25.4	351.8	1 434.9	1 673.9	3 094.0	131.1	411.6
376	Guided missiles, space vehicles, parts	81.0	4 631.6	28.8	57.6	1 235.0	9 986.1	8 119.5	17 928.1	489.8	4 769.9
3761	Guided missiles and space vehicles	55.7	3 323.4	18.6	36.8	802.6	7 470.1	6 659.1	13 777.3	367.3	4 048.0
3764	Space propulsion units and parts	17.2	916.5	5.5	10.8	222.6	1 858.5	913.8	2 715.0	77.5	232.9
3769	Space vehicle equipment, n.e.c.	8.1	391.8	4.8	10.0	209.8	657.4	546.6	1 435.9	45.0	489.0
379	Miscellaneous transportation equipment	46.9	1 241.2	34.5	65.0	715.2	3 564.1	5 476.2	8 900.3	142.4	1 101.6
3792	Travel trailers and campers	18.0	421.6	14.7	28.1	286.9	881.0	1 695.3	2 569.8	22.3	219.6
3795	Tanks and tank components	5.5	249.7	2.5	4.7	98.4	780.7	413.2	1 151.5	17.2	248.3
3799	Transportation equipment, n.e.c.	23.4	570.0	17.3	32.2	329.9	1 902.4	3 367.7	5 179.0	102.9	633.8
38	Instruments and related products	820.7	33 782.7	423.1	850.3	12 304.1	97 987.3	53 091.1	151 015.9	5 273.8	24 516.5
381	Search and navigation equipment	186.3	9 540.1	67.8	132.5	2 691.4	21 071.1	8 759.6	30 371.3	1 222.5	6 182.7
3812	Search and navigation equipment	186.3	9 540.1	67.8	132.5	2 691.4	21 071.1	8 759.6	30 371.3	1 222.5	6 182.7
382	Measuring and controlling devices	272.1	10 562.3	141.3	285.1	4 069.3	29 027.5	18 028.1	46 740.7	1 465.5	7 680.7
3821	Laboratory apparatus and furniture	17.6	620.0	8.7	18.7	230.3	1 487.2	893.7	2 454.6	48.0	355.9
3822	Environmental controls	26.5	830.1	17.8	35.1	396.6	2 045.3	1 442.8	3 487.7	112.9	432.2
3823	Process control instruments	51.8	1 974.7	24.6	49.6	645.5	5 171.2	3 109.1	8 270.9	231.1	1 357.9
3824	Fluid meters and counting devices	16.2	615.3	11.7	22.9	418.4	1 707.5	1 596.3	3 294.2	97.6	282.9
3825	Instruments to measure electricity	63.2	2 719.9	33.0	67.0	1 040.2	8 612.9	4 847.8	13 371.1	468.8	2 456.0
3826	Analytical instruments	40.8	1 650.0	15.3	31.3	500.2	4 862.5	2 922.3	7 714.2	224.5	1 170.7
3827	Optical instruments and lenses	19.0	756.7	10.5	20.1	296.4	1 846.7	1 077.3	2 870.2	128.3	523.4
3829	Measuring and controlling devices, n.e.c.	37.0	1 395.4	19.6	40.3	541.8	3 294.1	2 048.8	5 277.8	154.4	1 101.7
384	Medical instruments and supplies	268.4	9 956.7	157.0	309.8	3 789.4	31 051.0	16 787.0	47 405.6	1 648.3	7 761.2
3841	Surgical and medical instruments	103.5	3 768.6	61.8	123.5	1 501.4	12 074.7	5 213.2	17 042.1	673.3	2 577.6
3842	Surgical appliances and supplies	93.1	2 979.9	59.7	111.9	1 295.3	10 246.7	5 758.5	15 873.6	519.1	2 617.2
3843	Dental equipment and supplies	16.4	514.0	11.2	21.2	243.0	1 412.4	934.3	2 365.6	45.8	448.9
3844	X-ray apparatus and tubes	13.4	618.1	6.3	13.5	216.7	1 835.6	1 805.5	3 633.9	60.0	625.8
3845	Electromedical equipment	42.0	2 076.2	18.0	39.7	533.0	5 481.6	3 075.5	8 490.5	350.2	1 491.7
385	Ophthalmic goods	27.0	756.5	17.0	34.6	358.3	2 390.2	1 020.4	3 416.9	196.7	425.6
3851	Ophthalmic goods	27.0	756.5	17.0	34.6	358.3	2 390.2	1 020.4	3 416.9	196.7	425.6
386	Photographic equipment and supplies	60.7	2 798.1	35.7	78.4	1 310.6	14 032.4	8 114.2	22 296.6	724.1	2 289.5
3861	Photographic equipment and supplies	60.7	2 798.1	35.7	78.4	1 310.6	14 032.4	8 114.2	22 296.6	724.1	2 289.5
387	Watches, clocks, watchcases, and parts	6.3	169.0	4.3	9.9	85.0	415.0	381.6	784.9	16.7	176.8
3873	Watches, clocks, watchcases, and parts	6.3	169.0	4.3	9.9	85.0	415.0	381.6	784.9	16.7	176.8

See footnotes at end of table.

1995										Standard error of estimate ¹ (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 ¹ (percent) for column—						
Number (1,000)	Payroll (million dollars)	Number (1,000)	Hours (millions)	Wages (million dollars)						A	F	I	K	P	S	
K	L	M	N	O	P	Q	R	S	T	A	F	I	K	P	S	
36																
240.0	9 978.2	114.6	218.8	3 310.2	34 851.6	24 560.1	58 499.3	2 021.0	9 429.5	2	1	3	1	1	2	
89.3	3 894.0	40.8	76.5	1 273.6	15 031.3	11 548.8	26 182.6	741.6	4 189.1	2	2	5	2	1	3	
127.1	5 330.2	61.7	119.3	1 798.8	17 613.0	11 598.0	28 732.5	1 157.0	4 686.0	2	2	3	1	1	2	
23.5	754.1	12.0	23.0	237.7	2 207.3	1 413.3	3 584.2	122.4	554.4	6	6	18	5	4	5	
584.2	20 214.6	364.0	755.5	8 620.7	78 069.5	43 321.6	120 128.8	11 212.9	12 719.8	3	4	3	2	1	3	
21.6	663.6	16.6	33.3	436.1	1 519.5	1 994.1	3 499.7	142.1	439.8	2	2	1	1	2	2	
81.6	2 311.6	59.6	127.2	1 317.6	5 586.8	3 997.6	9 497.6	452.8	986.0	4	16	6	2	5	5	
191.6	8 744.7	98.1	198.7	2 959.3	14 865.9	8 865.9	65 922.0	9 182.3	4 435.0	9	5	3	3	2	4	
20.9	509.5	16.5	34.3	322.4	51 570.3	1 044.3	2 535.4	156.3	350.1	5	4	32	5	8	6	
9.9	244.6	7.0	13.8	129.9	596.4	303.1	890.7	40.6	158.3	13	13	11	9	11	12	
21.3	425.1	17.0	32.1	253.3	927.4	549.9	1 471.7	28.9	201.3	8	12	19	6	8	21	
32.0	1 057.5	23.1	49.8	613.9	2 862.7	1 821.4	4 634.4	199.8	740.1	7	5	6	4	4	5	
205.4	6 258.0	126.1	266.2	2 588.2	13 680.3	18 745.3	31 877.2	1 010.1	5 409.2	3	3	4	2	2	4	
369																
148.2	4 799.5	103.8	204.2	2 646.4	13 127.0	12 412.5	25 635.4	1 072.3	3 204.7	4	3	2	3	2	3	
20.7	683.1	17.1	34.1	503.5	2 125.5	1 947.2	4 048.1	178.5	538.0	2	2	2	2	1	2	
7.1	216.9	6.0	11.2	157.5	3 833.1	1 025.3	1 864.7	105.2	100.3	35	14	1	35	18	1	
52.1	1 505.2	40.8	81.9	1 022.1	4 071.0	4 249.6	8 290.9	224.1	933.9	3	2	3	2	1	2	
24.5	801.8	17.1	32.4	453.0	2 951.2	2 581.8	5 524.0	384.9	508.1	12	7	3	6	4	3	
43.8	1 592.4	22.8	44.5	510.4	3 146.1	2 608.5	5 907.8	179.7	1 124.3	6	8	9	4	6	11	
1 518.3	63 891.6	1 064.2	2 215.2	40 457.5	173 912.7	286 667.8	461 803.9	13 302.9	57 664.2	1	1	1	1	1	1	
809.3	34 022.0	663.4	1 419.6	26 832.2	106 307.8	221 551.8	327 907.5	10 502.8	15 838.3	1	1	1	1	1	1	
237.9	12 955.9	208.3	449.1	10 996.0	55 927.3	145 143.7	201 171.0	4 521.0	4 522.1	1	1	1	1	1	1	
40.0	1 086.0	30.8	62.8	742.8	3 878.5	4 007.4	7 864.2	159.9	1 092.8	6	6	18	7	5	19	
475.7	18 583.0	378.0	816.5	14 105.8	43 638.0	65 213.8	108 850.5	5 682.4	9 005.8	1	1	2	1	1	1	
36.3	910.7	30.3	62.0	669.3	1 890.6	4 572.4	6 381.5	110.1	762.7	5	7	15	2	3	6	
19.4	486.4	16.0	29.2	318.3	973.3	2 614.5	3 640.3	29.3	454.9	8	7	12	7	6	7	
381.6	17 906.9	189.9	377.0	7 666.2	41 869.4	38 370.5	81 395.4	1 734.1	32 384.7	3	2	2	1	1	3	
189.0	9 139.2	84.0	155.2	3 437.3	20 959.1	24 600.9	47 028.4	586.0	23 514.0	4	3	3	1	1	7	
76.3	3 618.4	41.9	92.7	1 684.2	9 061.3	8 466.4	17 519.4	475.0	3 305.1	2	2	3	2	1	2	
116.3	5 149.3	64.0	129.0	2 544.8	11 849.0	5 303.2	16 847.6	673.0	5 565.6	2	3	4	2	2	2	
143.2	4 326.8	109.4	215.1	2 836.6	8 183.1	7 080.9	15 209.4	320.6	2 093.5	4	3	12	3	3	9	
95.3	3 221.8	70.4	140.3	2 052.0	5 749.2	3 863.5	9 612.6	231.6	1 382.0	5	4	16	4	3	12	
47.9	1 105.0	38.9	74.8	784.6	2 434.0	3 217.5	5 596.8	89.0	711.5	5	5	9	4	4	8	
32.2	1 117.4	23.8	49.9	724.7	2 437.3	4 841.5	7 283.7	124.5	1 419.9	3	3	2	3	3	1	
32.2	1 117.4	23.8	49.9	724.7	2 437.3	4 841.5	7 283.7	124.5	1 419.9	3	3	2	3	3	1	
16.1	502.6	12.0	23.2	322.6	1 318.4	1 541.6	2 832.9	118.4	386.3	7	6	7	4	5	8	
16.1	502.6	12.0	23.2	322.6	1 318.4	1 541.6	2 832.9	118.4	386.3	7	6	7	4	5	8	
89.2	4 792.3	31.2	66.1	1 358.4	10 565.6	7 971.0	18 666.7	379.5	4 596.0	1	1	1	1	1	1	
60.8	3 401.3	20.0	43.4	896.3	7 770.2	6 462.1	14 315.2	293.7	3 893.4	1	1	1	1	1	1	
19.6	996.9	6.7	13.6	266.5	1 943.5	945.0	2 953.6	48.8	200.0	1	1	1	1	1	1	
8.8	394.1	4.6	9.1	195.6	852.0	564.0	1 397.9	37.0	502.7	3	4	4	3	2	2	
46.6	1 223.6	34.5	64.5	716.8	3 230.9	5 310.5	8 508.2	123.0	945.6	9	6	9	9	6	6	
18.9	428.3	15.1	28.6	287.9	838.0	1 755.6	2 593.8	21.9	226.0	5	9	24	5	10	7	
6.2	283.1	3.4	6.2	125.6	877.1	4 998.8	1 375.4	15.4	210.4	12	4	18	7	3	16	
21.5	512.2	16.0	29.7	303.3	1 515.8	3 056.0	4 539.0	85.6	509.2	17	10	10	18	12	8	
830.6	33 077.2	423.4	847.6	12 067.9	95 199.0	49 276.5	144 719.4	4 534.2	24 233.4	2	2	2	1	1	2	
200.1	9 880.3	71.6	139.0	2 772.9	22 418.8	8 620.9	32 000.3	729.5	6 739.8	1	1	2	2	1	1	
200.1	9 880.3	71.6	139.0	2 772.9	22 418.8	8 620.9	32 000.3	729.5	6 739.8	1	1	2	2	1	1	
271.1	10 219.3	141.3	285.4	3 977.3	27 395.7	16 563.5	43 730.3	1 348.1	7 293.4	2	2	4	2	2	4	
17.4	603.4	8.9	18.2	224.8	1 389.2	45.0	966.3	2 349.3	336.7	9	5	7	8	5	8	
27.4	822.7	18.2	35.8	404.6	1 856.0	1 316.5	3 174.5	137.5	443.8	5	4	4	4	4	4	
52.2	1 922.3	25.8	52.2	668.3	4 924.8	2 870.1	7 763.8	223.2	1 337.7	4	4	16	3	3	18	
16.5	627.6	12.0	23.9	434.5	1 752.5	1 493.1	3 259.7	93.7	278.9	3	5	8	3	5	7	
62.3	2 610.6	31.0	63.5	957.1	8 155.6	4 399.0	12 417.5	397.6	2 303.5	4	5	4	4	4	6	
40.2	1 582.2	15.0	30.4	459.9	4 589.9	2 651.4	7 177.9	197.1	1 096.5	3	2	3	2	1	3	
19.2	743.5	11.2	22.2	316.2	1 709.0	1 032.4	2 727.1	129.1	463.2	4	10	8	4	11	9	
35.9	1 307.0	19.4	39.2	512.1	3 018.8	1 834.6	4 860.5	124.9	1 033.0	6	6	14	3	4	13	
264.5	9 375.0	153.4	302.8	3 634.0	28 339.0	15 326.8	43 412.7	1 476.8	7 151.2	3	3	5	3	2	4	
100.6	3 538.4	60.4	120.4	1 424.7	10 954.0	4 753.7	15 680.8	619.1	2 267.2	4	3	4	4	3	6	
92.4	2 877.9	58.2	109.9	1 265.0	9 549.6	5 351.4	14 759.4	395.8	2 449.9	5	5	10	3	3	5	
16.5	504.7	10.5	20.1	234.4	1 364.1	896.6	2 236.8	75.6	440.0	7	7	11	4	4	25	
13.9	611.4	6.6	14.2	218.0	1 861.2	1 756.3	3 619.8	95.9	628.7	3	4	15	3	4	3	
41.1	1 842.6	17.8	38.2	492.0	4 610.2	2 568.8	7 115.8	290.4	1 365.5	10	10	11	9	6	8	
27.1	715.6	17.2	33.9	346.1	2 168.1	947.1	3 135.5	217.8	423.6	8	7	6	6	5	2	
27.1	715.6	17.2	33.9	346.1	2 168.1	947.1	3 135.5	217.8	423.6	8	7	6	6	5	2	
61.1	2 714.9	35.2	76.2	1 250.8	14 478.1	7 440.0	21 654.4	745.7	2 456.0	7	2	4	7	2	4	
61.1	2 714.9	35.2	76.2	1 250.8	14 478.1	7 440.0	21 654.4	745.7	2 456.0	7	2	4	7	2	4	
6.8	172.1	4.7	10.4	86.7	399.2	378.3	786.3	16.3	169.4	8	6	5	7	8	14	
6.8	172.1	4.7	10.4	86.7	399.2	378.3	786.3	16.3	169.4	8	6	5	7	8	14	

Table 2. Statistics for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996									
		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
39	Miscellaneous manufacturing industries	397.3	10 041.7	283.4	567.8	5 609.9	27 021.3	22 071.1	48 596.8	1 372.7	8 461.2
391	Jewelry, silverware, and plated ware	43.3	1 070.3	29.8	55.8	592.3	2 760.5	3 646.2	6 360.3	118.8	1 450.7
3911	Jewelry, precious metal	29.4	716.9	20.1	38.1	383.4	1 885.8	2 585.2	4 442.6	91.4	929.6
3914	Silverware and plated ware	7.5	187.9	5.4	8.0	117.3	516.4	365.9	871.3	14.9	221.2
3915	Jewelers' materials and lapidary work	6.4	165.4	4.3	9.7	91.5	358.4	695.0	1 046.4	12.5	300.0
393	Musical instruments	12.9	327.9	10.3	20.7	219.3	685.3	505.8	1 173.3	15.3	327.7
3931	Musical instruments	12.9	327.9	10.3	20.7	219.3	685.3	505.8	1 173.3	15.3	327.7
394	Toys and sporting goods	102.9	2 488.9	76.1	149.7	1 428.0	8 327.4	6 604.1	14 748.3	396.0	2 607.7
3942	Dolls and stuffed toys	3.5	64.5	2.6	4.6	35.6	178.5	82.8	252.9	1.0	61.6
3944	Games, toys, and children's vehicles	33.3	798.5	25.9	50.2	490.1	2 536.2	2 104.9	4 613.6	141.1	649.5
3949	Sporting and athletic goods, n.e.c.	66.1	1 625.9	47.6	94.9	902.3	5 612.7	4 416.5	9 881.8	253.9	1 896.6
395	Pens, pencils, office, and art supplies	34.6	838.1	25.8	48.8	494.5	2 643.4	1 788.5	4 350.6	197.2	798.9
3951	Pens and mechanical pencils	8.0	232.8	6.1	12.5	142.3	871.6	555.6	1 408.7	53.9	221.7
3952	Lead pencils and art goods	7.3	161.9	5.4	10.4	96.3	693.8	408.1	1 100.5	20.9	211.1
3953	Marking devices	11.9	272.1	8.6	14.7	153.6	595.2	303.3	838.6	98.9	236.4
3955	Carbon paper and inked ribbons	7.5	171.3	5.7	11.3	102.3	482.8	521.5	1 002.8	23.6	129.6
396	Costume jewelry and notions	24.3	559.6	18.7	38.5	329.6	1 406.1	996.5	2 389.4	50.6	414.7
3961	Costume jewelry	16.2	368.9	12.5	24.6	206.9	954.0	585.6	1 525.2	10.1	247.0
3965	Fasteners, buttons, needles, and pins	8.1	190.7	6.2	13.9	122.7	452.1	410.8	864.2	40.6	167.7
399	Miscellaneous manufactures	179.3	4 756.8	122.7	254.2	2 546.2	11 198.5	8 530.1	19 575.0	594.7	2 861.4
3991	Brooms and brushes	15.8	372.0	11.9	22.3	220.5	825.6	756.8	1 574.9	62.3	297.2
3993	Signs and advertising specialties	76.8	2 081.3	49.7	107.6	1 034.1	4 246.0	2 996.2	7 207.3	172.1	802.3
3995	Burial caskets	7.7	206.2	6.2	12.5	147.7	807.0	399.2	1 207.8	24.0	119.4
3996	Hard surface floor coverings, n.e.c.	6.2	266.5	4.9	10.0	199.1	1 029.3	773.2	1 791.8	61.6	255.7
3999	Manufacturing industries, n.e.c.	72.8	1 830.8	50.1	101.8	944.8	4 290.6	3 604.7	7 793.3	274.8	1 386.9
—	Auxiliaries³	1 339.3	84 513.7	—	—	—	—	—	—	—	—

¹Description 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.

²Data 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.

³In 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.

⁴Data 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.

1995										Standard error of estimate ¹ (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	A	F	I	K	P	S
392.3	9 683.4	279.7	556.6	5 434.3	25 615.0	21 346.6	46 670.2	1 243.5	8 066.0	3	3	8	2	2	6	39
43.1	1 061.1	29.2	56.2	578.3	2 684.7	3 571.9	6 266.4	85.8	1 484.6	8	6	40	5	5	18	391
30.1	732.0	20.3	40.2	386.2	1 874.8	2 575.6	4 443.5	58.0	975.7	11	8	52	7	6	25	3911
7.1	177.3	5.1	7.0	111.2	468.0	341.4	808.7	14.0	208.8	9	6	13	9	5	7	3914
5.9	151.8	3.9	8.9	80.9	342.0	654.8	1 014.3	13.8	300.1	17	16	12	7	19	25	3915
12.8	312.7	10.4	19.7	209.1	689.9	497.4	1 144.1	23.7	310.0	8	10	29	6	6	33	393
12.8	312.7	10.4	19.7	209.1	689.9	497.4	1 144.1	23.7	310.0	8	10	29	6	6	33	3931
106.5	2 522.2	78.8	156.5	1 468.3	7 889.6	6 741.6	14 635.0	359.2	2 475.3	4	4	5	3	3	5	394
2.9	56.0	2.2	4.0	29.8	152.8	74.1	226.9	1.8	53.5	17	15	22	15	12	30	3942
35.8	868.0	27.8	55.2	537.1	2 661.6	2 200.0	4 865.5	135.9	643.3	7	6	6	7	6	7	3944
67.7	1 598.2	48.8	97.3	901.4	5 075.2	4 467.4	9 542.6	221.5	1 778.5	4	5	7	3	3	7	3949
33.7	784.3	25.1	46.9	451.9	2 416.6	1 635.5	3 950.6	152.4	716.0	15	9	44	12	7	32	395
8.1	232.1	6.1	12.8	138.0	726.6	442.7	1 149.9	44.9	187.5	15	9	22	6	5	14	3951
7.2	159.2	5.4	10.0	93.9	677.3	399.1	1 081.1	21.3	207.3	12	8	7	4	2	4	3952
11.7	237.4	8.4	14.0	128.5	599.5	330.4	841.2	60.7	203.7	41	36	87	34	28	78	3953
6.8	155.5	5.2	10.2	91.5	413.2	463.3	878.5	25.6	117.4	2	1	1	1	1	1	3955
24.2	550.7	18.4	39.1	323.6	1 483.4	1 041.2	2 517.0	58.2	404.2	12	9	3	8	6	4	396
16.1	361.2	12.4	26.2	203.7	1 038.0	626.9	1 659.6	11.8	239.1	16	13	9	9	7	12	3961
8.1	189.5	6.0	12.9	120.0	445.3	414.3	857.4	46.3	165.1	18	10	3	16	8	4	3965
171.9	4 452.5	117.8	238.1	2 403.1	10 450.8	7 859.0	18 157.1	564.2	2 675.9	5	6	7	3	3	8	399
15.5	365.1	11.5	24.0	212.0	760.1	717.3	1 470.9	67.7	294.4	14	15	17	9	6	16	3991
73.6	1 973.4	47.6	96.3	982.3	4 006.5	2 798.4	6 748.0	167.1	761.6	6	7	17	5	6	22	3993
7.7	205.0	6.2	12.6	145.5	799.5	402.8	1 196.0	28.3	122.2	8	2	2	8	2	2	3995
6.3	268.7	4.9	10.4	199.5	949.6	783.6	1 718.0	59.3	221.9	1	1	1	1	1	1	3996
68.8	1 640.4	47.6	94.8	863.9	3 935.2	3 157.1	7 024.1	241.7	1 275.8	10	14	9	3	4	8	3999
1 311.7	79 044.4	.1	.2	1.7	95.5	54.6	150.1	-	-	1	(X)	(X)	1	1	(X)	—

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1996 and 1995

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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		
	All industries	17 326.3	703 901.5	560 518.3	56 738.4	86 644.8	17 419.2	687 052.7	545 362.7	56 010.6	85 679.4	1	1
20	Food and kindred products	1 516.6	51 549.1	40 379.9	4 757.5	6 411.7	1 519.7	50 670.2	39 622.2	4 694.0	6 354.0	1	1
21	Tobacco products	31.4	2 108.7	1 521.5	133.2	454.0	31.3	2 031.7	1 483.9	126.0	421.8	1	1
22	Textile mill products	576.4	16 115.4	13 214.8	1 395.5	1 505.1	609.7	16 514.7	13 481.7	1 440.1	1 592.9	3	2
23	Apparel and other textile products	864.9	17 983.6	14 919.6	1 568.6	1 495.4	946.6	18 961.6	15 703.5	1 672.6	1 585.5	2	3
24	Lumber and wood products	738.7	21 320.5	17 313.6	2 084.0	1 922.9	740.2	20 570.6	16 675.4	2 027.7	1 867.5	2	2
25	Furniture and fixtures	514.5	15 209.7	12 413.8	1 283.0	1 512.9	511.3	14 558.9	11 852.2	1 256.3	1 450.4	2	2
26	Paper and allied products	630.6	28 780.7	22 946.5	2 392.8	3 441.4	629.2	28 038.6	22 277.3	2 384.7	3 376.6	2	1
27	Printing and publishing	1 515.0	55 361.6	46 175.1	4 120.5	5 068.0	1 524.9	53 708.3	44 667.5	3 995.0	5 045.8	2	2
28	Chemicals and allied products	824.4	46 060.8	36 331.0	3 328.1	6 403.7	838.8	44 849.7	35 445.4	3 165.5	6 238.8	2	2
29	Petroleum and coal products	106.0	6 719.1	5 238.3	542.6	938.2	109.9	6 735.5	5 246.1	548.9	942.5	2	1
30	Rubber and miscellaneous plastics products	1 017.9	35 855.2	28 435.7	3 054.0	4 365.5	1 017.8	34 571.2	27 290.4	3 023.2	4 257.6	2	1
31	Leather and leather products	77.2	1 968.4	1 600.0	179.6	188.8	86.0	2 006.7	1 628.7	185.2	192.8	6	6
32	Stone, clay, and glass products	520.4	20 131.6	15 857.2	1 808.2	2 466.2	501.3	18 942.6	14 893.6	1 736.7	2 312.3	2	2
33	Primary metal industries	687.4	34 252.7	25 644.3	2 852.7	5 755.7	685.8	33 509.5	24 987.5	2 846.2	5 675.8	1	1
34	Fabricated metal products	1 483.0	57 845.7	46 129.8	4 895.6	6 820.3	1 463.6	55 969.8	44 527.3	4 783.6	6 658.9	1	1
35	Industrial machinery and equipment	1 980.5	87 790.1	70 729.5	6 993.6	10 067.0	1 925.8	83 725.2	67 431.1	6 683.6	9 610.5	1	1
36	Electronic and other electric equipment	1 556.5	67 433.7	54 311.4	5 070.8	8 051.5	1 536.1	64 462.7	51 496.6	4 924.6	8 041.5	2	2
37	Transportation equipment	1 466.9	83 147.7	63 531.8	6 187.3	13 422.6	1 518.3	84 033.9	63 891.6	6 562.9	13 579.4	1	1
38	Instruments and related products	820.7	42 081.1	33 782.7	3 073.9	5 224.5	830.6	41 398.7	33 077.2	2 961.0	5 360.5	1	1
39	Miscellaneous manufacturing industries	397.3	12 192.3	10 041.7	1 019.1	1 131.5	392.3	11 785.3	9 683.4	991.7	1 110.2	4	4
20	Food and kindred products	1 516.6	51 549.1	40 379.9	4 757.5	6 411.7	1 519.7	50 670.2	39 622.2	4 694.0	6 354.0	1	1
201	Meat products	433.4	11 110.6	8 920.6	1 138.8	1 051.2	428.6	10 911.0	8 738.9	1 121.9	1 050.2	2	2
2011	Meat packing plants	130.0	3 680.1	2 990.7	363.0	326.4	125.8	3 596.6	2 898.1	371.9	326.6	4	3
2013	Sausages and other prepared meats	88.1	2 751.3	2 174.8	268.9	307.6	88.6	2 781.1	2 194.9	276.3	309.9	3	3
2015	Poultry slaughtering and processing	215.3	4 679.2	3 755.1	506.9	417.2	214.3	4 533.3	3 645.9	473.7	413.7	4	1
202	Dairy products	130.9	5 145.4	4 017.7	439.7	688.0	132.9	5 117.4	3 972.4	456.1	688.9	3	3
2021	Creamery butter	1.6	57.9	46.0	4.8	7.1	1.5	54.3	43.4	4.3	6.6	5	2
2022	Cheese, natural and processed	35.7	1 227.4	953.9	106.3	167.2	35.2	1 188.5	928.4	101.9	158.2	3	2
2023	Dry, condensed, and evaporated dairy products	15.3	689.1	547.1	50.9	91.1	15.4	701.1	545.4	58.1	97.6	6	6
2024	Ice cream and frozen desserts	19.1	698.4	560.6	53.1	84.7	19.2	695.8	554.5	56.2	85.1	13	11
2026	Fluid milk	59.3	2 472.8	1 910.2	224.6	338.0	61.6	2 477.5	1 900.6	235.5	341.4	4	4
203	Preserved fruits and vegetables	204.4	6 719.0	5 131.0	680.7	907.3	210.3	6 614.8	5 048.8	667.4	898.6	2	2
2032	Canned specialties	22.3	844.2	641.8	73.5	128.9	21.2	803.6	602.9	72.9	127.8	5	3
2033	Canned fruits and vegetables	56.4	1 981.0	1 480.6	227.3	273.1	60.0	1 927.0	1 460.5	214.3	252.2	3	2
2034	Dehydrated fruits, vegetables, and soups	14.1	518.6	393.3	55.0	70.3	13.8	483.1	362.7	47.4	73.0	6	4
2035	Pickles, sauces, and salad dressings	20.4	745.7	586.7	67.3	91.7	22.2	780.4	617.4	70.8	92.2	14	10
2037	Frozen fruits and vegetables	48.2	1 380.2	1 053.3	139.9	187.0	49.2	1 360.4	1 029.5	137.3	193.6	3	3
2038	Frozen specialties, n.e.c.	42.9	1 249.2	975.2	117.8	156.2	43.9	1 260.5	975.9	124.7	159.9	2	2
204	Grain mill products	100.3	4 361.3	3 425.2	364.8	571.3	105.5	4 438.7	3 469.3	380.2	589.2	2	2
2041	Flour and other grain mill products	12.6	502.8	407.3	47.0	48.5	13.0	517.5	418.1	49.1	50.3	8	6
2043	Cereal breakfast foods	13.8	947.5	717.4	72.6	157.5	16.6	1 013.2	758.6	82.3	172.3	2	1
2044	Rice milling	3.6	133.6	100.1	13.0	20.5	4.0	143.3	106.3	14.2	22.8	16	11
2045	Prepared flour mixes and doughs	15.6	575.8	451.7	51.9	72.2	15.0	556.0	438.4	47.6	70.0	5	3
2046	Wet corn milling	9.0	514.0	398.9	37.6	77.5	9.2	507.3	393.1	40.5	73.7	1	1
2047	Dog and cat food	13.3	617.6	484.5	49.5	83.6	13.4	594.1	464.1	45.7	84.3	3	3
2048	Prepared feeds, n.e.c.	32.5	1 070.1	865.3	93.3	111.5	34.2	1 107.2	890.6	100.8	115.8	4	5
205	Bakery products	219.9	8 127.8	6 157.7	726.5	1 243.6	220.2	7 979.0	6 069.9	699.6	1 209.5	2	2
2051	Bread, cake, and related products	156.3	5 733.7	4 329.8	518.3	885.6	155.9	5 653.8	4 296.7	496.8	860.3	2	2
2052	Cookies and crackers	47.4	1 845.6	1 385.7	158.2	301.7	49.3	1 829.2	1 375.0	158.0	296.2	2	1
2053	Frozen bakery products, except bread	16.2	548.6	442.2	50.1	56.3	15.0	495.9	398.2	44.8	52.9	9	9
206	Sugar and confectionery products	88.6	3 356.2	2 602.6	294.2	459.4	89.7	3 303.8	2 537.0	300.6	466.2	3	4
2061	Raw cane sugar	5.0	210.6	169.1	22.2	19.3	5.3	211.5	166.8	24.3	20.4	6	13
2062	Cane sugar refining	3.1	206.2	155.2	18.8	32.2	3.4	214.5	160.5	21.4	32.6	21	14
2063	Beet sugar	8.3	347.4	263.4	31.6	52.4	8.5	336.7	257.3	32.1	47.3	6	22
2064	Candy and other confectionery products and industry 2067, chewing gum	53.1	1 829.5	1 432.8	156.5	240.2	52.1	1 764.1	1 358.8	156.1	249.2	3	3
2066	Chocolate and cocoa products	9.8	468.5	353.5	38.0	77.0	9.9	460.6	345.0	38.2	77.4	2	2
2068	Salted and roasted nuts and seeds	9.4	293.7	228.4	27.1	38.2	10.5	316.4	248.7	28.4	39.3	12	17
207	Fats and oils	25.8	1 032.7	813.4	90.2	129.1	25.8	1 017.7	797.9	90.1	129.7	3	3
2074	Cottonseed oil mills	2.0	66.5	50.6	6.2	9.7	2.1	66.1	50.5	6.3	9.3	4	6
2075	Soybean oil mills	7.2	293.3	236.7	23.4	33.2	7.4	304.9	242.8	24.4	37.7	1	1
2076	Vegetable oil mills, n.e.c.	8	31.6	25.2	2.8	3.6	8	31.0	24.7	2.7	3.6	1	1
2077	Animal and marine fats and oils	8.5	314.2	249.5	31.0	33.7	8.5	311.9	244.9	32.6	34.4	6	8
2079	Edible fats and oils, n.e.c.	7.3	327.1	251.4	28.9	48.8	7.0	303.8	235.0	24.1	44.7	7	5
208	Beverages	142.8	6 531.4	5 103.0	581.5	846.9	141.0	6 362.4	4 991.6	550.7	820.1	3	3
2082	Malt beverages	34.0	2 020.9	1 538.3	163.6	319.0	32.6	2 005.7	1 536.9	157.4	311.4	2	1
2083	Malt	1.2	65.3	50.9	4.3	10.1	1.2	63.7	49.3	4.6	9.8	13	7
2084	Wines, brandy, and brandy spirits	17.0	731.6	577.2	61.4	93.0	16.3	663.8	522.7	57.7	83.4	8	6
2085	Distilled and blended liquors	6.6	304.7	242.2	25.5	37.0	6.7	299.4	234.8	24.8	39.8	8	10
2086	Bottled and canned soft drinks	73.5	2 902.5	2 285.6	288.9	328.0	73.1	2 827.3	2 238.8	269.9	318.6	4	5
2087	Flavoring extracts and syrups, n.e.c.	10.5	506.3	408.7	37.9	59.7	11.1	502.6	409.1	36.3	57.2	19	15
209	Miscellaneous food and kindred products	170.5	5 164.9	4 208.7	441.2	515.0	165.7	4 925.5	3 996.4	427.4	501.7	3	2
2091	Canned and cured fish and seafoods	5.0	131.8	108.1	13.7	10.0	5.5	124.7	102.4	13.2	9.1	9	23
2092	Fresh or frozen prepared fish	39.1	890.8	742.1	89.2	59.5	38.2	874.6	726.2	88.0	60.4	6	6
2095	Roasted coffee	10.2	433.6	337.5	36.9	59.2	9.7	418.5	322.3	37.7	58.5	3	3
2096	Potato chips and similar snacks	36.0	1 310.6										

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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		
21	Tobacco products	31.4	2 108.7	1 521.5	133.2	454.0	31.3	2 031.7	1 483.9	126.0	421.8	1	1
211	Cigarettes	20.5	1 733.0	1 236.0	102.2	394.8	20.1	1 633.6	1 181.7	94.6	357.3	1	1
2111	Cigarettes	20.5	1 733.0	1 236.0	102.2	394.8	20.1	1 633.6	1 181.7	94.6	357.3	1	1
212	Cigars	2.9	84.8	66.0	7.0	11.8	2.6	74.6	58.5	6.1	10.0	6	7
2121	Cigars	2.9	84.8	66.0	7.0	11.8	2.6	74.6	58.5	6.1	10.0	6	7
213	Chewing and smoking tobacco	2.4	100.6	75.7	7.5	17.4	2.9	136.0	99.7	9.7	26.6	5	5
2131	Chewing and smoking tobacco	2.4	100.6	75.7	7.5	17.4	2.9	136.0	99.7	9.7	26.6	5	5
214	Tobacco stemming and redrying	5.5	190.4	143.9	16.4	30.1	5.7	187.3	143.9	15.6	27.8	1	1
2141	Tobacco stemming and redrying	5.5	190.4	143.9	16.4	30.1	5.7	187.3	143.9	15.6	27.8	1	1
22	Textile mill products	576.4	16 115.4	13 214.8	1 395.5	1 505.1	609.7	16 514.7	13 481.7	1 440.1	1 592.9	3	2
221	Broadwoven fabric mills, cotton	51.9	1 480.3	1 216.4	115.2	148.7	55.8	1 549.9	1 271.3	121.9	156.7	3	5
2211	Broadwoven fabrics mills, cotton	51.9	1 480.3	1 216.4	115.2	148.7	55.8	1 549.9	1 271.3	121.9	156.7	3	5
222	Broadwoven fabric mills, manmade fiber and silk	73.9	2 217.7	1 816.1	189.1	212.5	80.8	2 341.0	1 909.5	201.9	229.6	4	5
2221	Broadwoven fabrics mills, manmade fiber and silk	73.9	2 217.7	1 816.1	189.1	212.5	80.8	2 341.0	1 909.5	201.9	229.6	4	5
223	Broadwoven fabric mills, wool	13.4	374.0	298.1	34.4	41.5	13.9	386.5	309.3	35.7	41.5	2	2
2231	Broadwoven fabrics mills, wool	13.4	374.0	298.1	34.4	41.5	13.9	386.5	309.3	35.7	41.5	2	2
224	Narrow fabric mills	16.7	454.8	370.2	52.6	32.0	17.3	462.3	375.9	52.3	34.1	17	23
2241	Narrow fabrics mills	16.7	454.8	370.2	52.6	32.0	17.3	462.3	375.9	52.3	34.1	17	23
225	Knitting mills	169.3	4 099.6	3 404.9	355.7	339.0	182.3	4 269.7	3 510.7	374.4	384.6	2	2
2251	Women's hosiery, except socks	17.8	381.6	315.5	31.3	34.8	19.5	422.1	348.9	34.2	39.0	8	8
2252	Hosiery, n.e.c.	38.4	802.1	679.1	65.0	58.0	38.6	786.5	656.9	66.6	63.0	4	6
2253	Knit outerwear mills	46.1	1 091.4	904.0	97.9	89.5	51.3	1 134.3	922.3	103.1	108.9	4	3
2254	Knit underwear mills	8.5	183.8	144.7	20.9	18.2	11.4	251.3	197.0	27.3	27.0	8	5
2257	Weft knit fabrics mills	33.8	956.0	787.9	84.3	83.8	36.8	998.0	816.9	88.3	92.8	4	5
2258	Lace and warp knit fabrics mills	21.0	595.8	499.5	47.5	48.8	20.9	588.7	494.6	46.3	47.8	4	4
2259	Knitting mills, n.e.c.	3.8	88.7	74.1	8.8	5.8	3.7	88.8	74.1	8.7	6.0	5	3
226	Textile finishing, except wool	51.0	1 588.4	1 306.7	139.9	141.8	51.8	1 555.4	1 274.5	140.3	140.6	16	13
2261	Finishing plants, cotton	20.0	538.6	448.6	47.8	42.2	18.2	495.7	410.8	44.4	40.5	17	18
2262	Finishing plants, manmade	22.5	778.7	636.8	61.6	80.3	23.9	785.6	641.2	64.0	80.4	6	5
2269	Finishing plants, n.e.c.	8.5	270.8	221.2	30.4	19.2	9.7	274.0	222.5	31.8	19.7	68	77
227	Carpets and rugs	55.0	1 648.0	1 367.6	142.4	138.0	55.5	1 595.1	1 333.8	136.3	125.0	2	1
2273	Carpets and rugs	55.0	1 648.0	1 367.6	142.4	138.0	55.5	1 595.1	1 333.8	136.3	125.0	2	1
228	Yarn and thread mills	83.9	2 197.0	1 805.3	176.8	214.9	88.8	2 238.9	1 838.6	178.1	222.2	3	3
2281	Yarn spinning mills	60.6	1 574.0	1 301.1	125.3	147.6	64.5	1 596.6	1 322.0	126.6	148.0	3	3
2282	Throwing and winding mills	17.0	469.7	381.9	39.0	48.8	17.8	478.3	389.0	38.4	50.9	7	5
2284	Thread mills	6.3	153.4	122.3	12.6	18.5	6.5	164.1	127.6	13.2	23.3	2	4
229	Miscellaneous textile goods	61.3	2 055.5	1 629.5	189.3	236.7	63.5	2 116.0	1 658.1	199.2	258.7	9	5
2295	Coated fabrics, not rubberized	10.5	427.8	337.9	41.6	48.3	11.1	460.3	360.0	44.7	55.6	14	15
2296	Tire cord and fabrics	4.9	176.9	125.3	14.1	37.5	5.0	181.7	129.9	12.7	39.1	1	1
2297	Nonwoven fabrics	19.0	692.0	551.2	60.7	80.1	20.4	716.1	563.4	68.0	84.7	25	6
2298	Cordage and twine	7.7	206.3	172.6	18.3	15.4	7.5	198.8	165.8	16.9	16.1	8	10
2299	Textile goods, n.e.c.	19.2	552.5	442.6	54.5	55.4	19.5	559.0	439.0	56.9	63.1	8	11
23	Apparel and other textile products	864.9	17 983.6	14 919.6	1 568.6	1 495.4	946.6	18 961.6	15 703.5	1 672.6	1 585.5	2	3
231	Men's and boys' suits and coats	27.1	657.3	515.9	60.7	80.7	31.1	700.2	549.6	65.8	84.8	9	15
2311	Men's and boys' suits and coats	27.1	657.3	515.9	60.7	80.7	31.1	700.2	549.6	65.8	84.8	9	15
232	Men's and boys' furnishings	199.7	3 846.0	3 094.2	365.7	386.1	234.2	4 323.3	3 503.3	412.3	407.7	4	4
2321	Men's and boys' shirts	59.1	1 140.4	933.5	94.5	112.4	71.0	1 300.6	1 068.0	107.7	124.9	9	5
2322	Men's and boys' underwear and nightwear	6.9	124.0	100.7	10.6	12.7	7.8	144.2	116.0	12.4	15.8	24	17
2323	Men's and boys' neckwear	4.7	115.3	94.6	8.8	11.9	5.6	136.6	114.0	13.5	9.1	30	22
2325	Men's and boys' trousers and slacks	70.9	1 380.1	1 071.7	145.9	162.5	79.4	1 517.4	1 193.8	168.7	154.9	4	8
2326	Men's and boys' work clothing	23.4	422.1	335.4	46.0	40.7	28.6	468.4	377.6	45.3	45.5	9	14
2329	Men's and boys' clothing, n.e.c.	34.7	663.9	558.2	59.9	45.8	41.8	756.0	633.8	64.8	57.4	6	8
233	Women's and misses' outerwear	294.1	5 370.6	4 606.3	441.6	322.7	312.7	5 684.8	4 873.4	465.6	345.8	4	3
2331	Women's, misses', and juniors' blouses and shirts	42.9	757.4	654.6	58.8	44.0	47.8	837.1	725.4	63.5	48.2	7	9
2335	Women's, misses', and juniors' dresses	93.3	1 666.3	1 475.8	123.3	67.2	99.3	1 704.7	1 504.2	127.9	72.6	12	8
2337	Women's, misses', and juniors' suits and coats	33.0	728.2	621.8	56.0	50.4	38.8	840.1	716.2	64.6	59.3	7	8
2339	Women's, misses', and juniors' outerwear, n.e.c.	124.9	2 218.6	1 854.1	203.5	161.0	126.9	2 302.9	1 927.6	209.6	165.7	4	4
234	Women's and children's undergarments	38.1	782.6	645.3	69.7	67.6	45.9	925.7	770.8	80.6	74.3	14	16
2341	Women's and children's underwear	25.5	462.8	378.1	43.3	41.4	30.2	544.5	447.4	49.4	47.7	19	25
2342	Brassieres, girdles, and allied garments	12.6	319.6	267.2	26.3	26.1	15.7	381.1	323.4	31.2	26.5	18	12
235	Hats, caps, and millinery	17.1	364.5	306.8	29.8	27.9	18.0	370.6	314.9	29.2	26.5	8	8
2353	Hats, caps, and millinery	17.1	364.5	306.8	29.8	27.9	18.0	370.6	314.9	29.2	26.5	8	8
236	Girls' and children's outerwear	33.5	645.1	541.5	54.4	49.2	42.6	749.1	624.0	66.5	58.6	17	19
2361	Girls' and children's dresses and blouses	11.6	215.4	186.7	17.3	11.4	17.3	283.9	239.7	26.8	17.4	45	71
2369	Girls' and children's outerwear, n.e.c.	21.9	429.8	354.8	37.2	37.8	25.4	465.1	384.2	39.7	41.2	12	10
237	Fur goods	.8	15.9	14.4	.9	.6	.6	14.4	13.1	.8	.5	23	33
2371	Fur goods	.8	15.9	14.4	.9	.6	.6	14.4	13.1	.8	.5	23	33
238	Miscellaneous apparel and accessories	30.6	657.0	554.0	53.5	49.5	33.2	656.0	554.5	52.9	48.6	7	10
2381	Fabrics dress and work gloves	3.4	76.7	67.5	3.7	5.5	4.2	87.8	76.4	4.8	6.6	39	49
2384	Robes and dressing gowns	2.6	53.5	44.9	5.3	3.3	3.7	63.2	53.3	6.2	3.7	32	19
2385	Waterproof outerwear	2.7	56.8	46.2	5.3	5.3	2.7	57.3	47.2	4.8	5.3	34	57
2386	Leather and sheep-lined clothing	1.8	28.7	25.6	1.8	1.3	1.9	33.2	29.7	2.0	1.5	97	(A)
2387	Apparel belts	7.5	191.5	159.6	17.1	14.8	7.7	178.4	149.6	15.6	13.2	7	9
2389	Apparel and accessories, n.e.c.	12.7	250.2	210.4	20.4	19.4	13.0	236.1	198.3	19.4	18.4	7	9

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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	J	D	E
23	Apparel and other textile products—Con.																						
239	Miscellaneous fabricated textile products ..	223.8	5 644.6	4 641.2	492.3	511.1	228.1	5 537.7	4 500.1	498.9	538.7	4	4										
2391	Curtains and draperies	19.9	395.3	331.5	40.5	23.3	23.0	433.0	361.3	41.6	30.1	22	24										
2392	Housefurnishings, n.e.c.	48.7	1 122.1	935.9	94.0	92.2	51.4	1 086.0	904.6	93.4	88.0	4	5										
2393	Textile bags	13.3	264.8	221.3	21.9	21.6	14.3	268.9	221.7	22.5	24.7	7	7										
2394	Canvas and related products	15.7	372.0	315.0	31.6	25.4	15.8	350.9	294.2	32.3	24.4	20	31										
2395	Pleating and stitching	16.3	310.3	269.7	27.1	13.5	15.0	300.9	260.3	24.5	16.1	12	30										
2396	Automotive and apparel trimmings	64.4	2 067.1	1 665.4	163.0	238.7	64.8	2 008.6	1 592.1	167.9	248.6	4	5										
2397	Schiffli machine embroideries	4.6	111.3	95.0	8.2	8.1	4.7	112.4	95.5	8.7	8.2	12	12										
2399	Fabricated textile products, n.e.c.	40.9	1 001.4	807.3	105.8	88.3	39.1	977.0	770.4	108.0	98.6	13	15										
24	Lumber and wood products	738.7	21 320.5	17 313.6	2 084.0	1 922.9	740.2	20 570.6	16 675.4	2 027.7	1 867.5	2	2										
241	Logging	83.0	2 342.4	1 856.0	287.7	198.7	84.8	2 357.6	1 870.3	288.1	199.2	3	4										
2411	Logging	83.0	2 342.4	1 856.0	287.7	198.7	84.8	2 357.6	1 870.3	288.1	199.2	3	4										
242	Sawmills and planing mills	171.5	5 146.8	4 128.8	520.9	497.1	179.3	5 138.2	4 118.8	519.8	499.6	3	4										
2421	Sawmills and planing mills, general	138.0	4 344.6	3 465.1	444.3	435.2	143.0	4 322.8	3 448.3	440.9	433.6	3	3										
2426	Hardwood dimension and flooring mills ..	31.7	763.0	631.4	72.6	59.0	34.5	777.7	639.4	75.0	63.3	15	15										
2429	Special product sawmills, n.e.c.	1.8	39.3	32.4	4.0	2.9	1.8	37.7	31.0	3.9	2.8	19	30										
243	Millwork, plywood, and structural members	257.3	7 676.6	6 233.2	697.1	746.3	255.9	7 359.5	5 963.8	676.6	719.1	2	2										
2431	Millwork	95.3	2 913.9	2 363.7	263.5	286.7	94.8	2 768.2	2 231.0	255.8	281.4	4	3										
2434	Wood kitchen cabinets	71.7	1 931.3	1 607.3	172.3	151.7	72.4	1 895.2	1 573.2	170.8	151.2	5	4										
2435	Hardwood veneer and plywood	21.3	565.3	455.7	56.5	53.1	22.0	563.4	455.6	55.1	52.7	3	5										
2436	Softwood veneer and plywood	31.9	1 208.7	930.7	100.5	177.5	32.4	1 201.7	930.6	102.7	168.4	4	3										
2439	Structural wood members, n.e.c.	37.1	1 057.3	875.8	104.3	77.2	34.3	931.0	773.5	92.1	65.4	7	7										
244	Wood containers	50.9	1 054.8	893.2	100.7	60.9	50.1	1 009.0	855.7	94.3	59.0	5	5										
2441	Nailed wood boxes and shooks	6.3	150.8	127.8	12.9	10.1	6.1	145.5	123.5	12.1	9.9	8	12										
2448	Wood pallets and skids	38.5	771.2	656.2	73.8	41.2	38.1	738.9	629.8	69.3	39.8	3	5										
2449	Wood containers, n.e.c.	6.2	132.9	109.3	14.0	9.6	5.9	124.7	102.5	12.9	9.3	30	12										
245	Wood buildings and mobile homes	81.8	2 482.3	2 077.3	246.4	158.6	76.0	2 216.7	1 847.7	226.3	142.7	4	4										
2451	Mobile homes	60.4	1 840.8	1 551.3	176.3	113.2	54.5	1 603.1	1 342.1	162.2	98.8	5	4										
2452	Prefabricated wood buildings	21.4	641.5	526.0	70.1	45.4	21.5	613.7	505.6	64.1	44.0	7	7										
249	Miscellaneous wood products	94.2	2 617.6	2 125.1	231.2	261.3	94.1	2 489.7	2 019.1	222.7	247.9	3	3										
2491	Wood preserving	11.1	334.4	275.7	32.4	26.3	11.4	330.1	272.0	31.5	26.6	8	7										
2493	Reconstituted wood products	26.1	996.3	790.6	80.0	125.7	25.0	919.5	728.1	78.0	113.4	2	3										
2499	Wood products, n.e.c.	57.0	1 286.9	1 058.8	118.8	109.3	57.7	1 240.2	1 019.1	113.2	107.9	4	4										
25	Furniture and fixtures	514.5	15 209.7	12 413.8	1 283.0	1 512.9	511.3	14 558.9	11 852.2	1 256.3	1 450.4	2	2										
251	Household furniture	273.2	6 839.6	5 674.3	589.1	576.2	271.2	6 632.7	5 501.2	574.8	556.7	3	3										
2511	Wood household furniture	125.4	2 977.9	2 466.5	245.2	266.2	125.7	2 900.0	2 397.4	245.1	257.5	5	4										
2512	Upholstered household furniture	88.7	2 292.7	1 928.9	190.0	173.8	89.0	2 246.1	1 888.5	190.9	166.7	4	4										
2514	Metal household furniture	22.3	599.2	491.3	60.5	47.4	21.3	558.5	459.7	50.3	48.5	15	16										
2515	Mattresses and bedsprings	26.9	732.6	598.0	70.7	63.9	25.7	695.1	569.5	67.2	58.4	8	8										
2517	Wood television and radio cabinets	4.5	118.0	93.9	11.5	12.6	4.3	115.3	92.2	10.5	12.6	6	3										
2519	Household furniture, n.e.c.	5.3	119.2	95.7	11.3	12.2	5.2	117.7	93.9	10.8	13.0	32	43										
252	Office furniture	69.5	2 764.4	2 172.3	208.7	383.4	69.5	2 629.3	2 062.6	204.3	362.4	4	3										
2521	Wood office furniture	24.9	765.8	627.7	60.1	78.0	24.9	729.0	598.0	57.7	73.3	5	5										
2522	Office furniture, except wood	44.6	1 998.7	1 544.7	148.6	305.4	44.5	1 900.5	1 464.7	146.6	289.2	5	3										
253	Public building and related furniture	37.4	1 273.0	1 031.0	117.8	124.2	37.3	1 189.3	954.3	113.9	121.1	8	5										
2531	Public building and related furniture	37.4	1 273.0	1 031.0	117.8	124.2	37.3	1 189.3	954.3	113.9	121.1	8	5										
254	Partitions and fixtures	81.0	2 733.0	2 245.8	235.5	251.7	80.8	2 638.3	2 153.4	234.4	250.5	5	8										
2541	Wood partitions and fixtures	40.8	1 371.0	1 139.1	120.7	111.2	41.2	1 336.3	1 102.9	120.0	113.4	8	9										
2542	Partitions and fixtures, except wood	40.2	1 362.1	1 106.8	114.8	140.5	39.6	1 302.1	1 050.5	114.4	137.2	7	11										
259	Miscellaneous furniture and fixtures	53.5	1 598.8	1 290.3	132.1	177.4	52.7	1 469.0	1 180.6	128.8	159.6	6	7										
2591	Draper hardware and blinds and shades	19.6	520.9	413.1	45.0	62.8	20.2	516.3	403.4	48.4	64.5	9	5										
2599	Furniture and fixtures, n.e.c.	33.8	1 078.9	877.2	87.1	114.6	32.4	952.8	777.3	80.4	95.1	8	10										
26	Paper and allied products	630.6	28 780.7	22 946.5	2 392.8	3 441.4	629.2	28 038.6	22 277.3	2 384.7	3 376.6	2	1										
261	Pulp mills	15.0	897.3	700.7	74.9	121.7	14.6	889.3	695.3	73.1	120.9	4	1										
2611	Pulp mills	15.0	897.3	700.7	74.9	121.7	14.6	889.3	695.3	73.1	120.9	4	1										
262	Paper mills	116.4	7 093.1	5 598.5	562.1	932.5	117.8	6 983.5	5 495.3	566.5	921.7	3	2										
2621	Paper mills	116.4	7 093.1	5 598.5	562.1	932.5	117.8	6 983.5	5 495.3	566.5	921.7	3	2										
263	Paperboard mills	54.8	3 235.2	2 599.3	249.2	386.7	56.7	3 215.5	2 563.1	257.6	394.8	3	2										
2631	Paperboard mills	54.8	3 235.2	2 599.3	249.2	386.7	56.7	3 215.5	2 563.1	257.6	394.8	3	2										
265	Paperboard containers and boxes	212.0	8 364.3	6 726.8	730.2	907.3	208.7	8 075.9	6 462.1	729.9	883.9	5	3										
2652	Setup paperboard boxes	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)										
2653	Corrugated and solid fiber boxes	127.4	5 009.2	4 060.3	437.0	511.9	125.0	4 824.3	3 887.2	441.8	495.3	7	4										
2655	Fiber cans, drums, and similar products ..	11.9	438.7	356.0	32.7	50.0	11.9	430.4	347.9	32.6	49.9	4	6										
2656	Sanitary food containers	13.6	499.5	389.4	45.1	65.0	13.8	488.1	380.4	44.6	63.1	4	4										
2657	Folding paperboard boxes	53.2	2 227.4	1 777.3	190.1	260.0	53.0	2 159.7	1 714.7	187.7	257.3	4	4										
267	Miscellaneous converted paper products ..	232.4	9 190.8	7 321.2	776.4	1 093.2	231.4	8 874.6	7 061.5	757.7	1 055.4	2	2										
2671	Paper coated and laminated, packaging ..	20.2	873.1	708.5	71.6	93.0	20.2	841.9	680.9	68.5	92.5	6	3										
2672	Paper coated and laminated, n.e.c.	33.7	1 567.6	1 232.3	131.0	204.3	33.0	1 509.5	1 190.1	128.3	191.1	1	2										
2673	Bags: plastics, laminated, and coated	41.0	1 384.2	1 138.6	111.9	133.7	40.2	1 328.2	1 088.9	106.1	133.2	5	5										
2674	Bags: uncoated paper and multiwall	18.1	574.7	451.0	52.8	70.9	17.9	551.9	436.0	51.1	64.8	1	1										
2675	Die-cut paper and board	16.6	564.6	453.8	48.1	62.7	16.5	534.7	430.0	45.6	59.1	4	4										
2676	Sanitary paper products	36.0	1 893.6	1 464.4	146.2	283.0	37.1	1 848.4	1 428.0	145.9	274.5	2	2										
2677	Envelopes	23.8	879.6	707.1	83.4	89.1	23.4	852.1	682.5	83.1	86.5	5	6										
2678	Stationery products	9.2	301.3	238.3	29.3	33.7	9.5	292.4	231.3	28.5	32.6	9	4										
2679	Converted paper products, n.e.c.	33.8	1 151.9	927.2	102.0	122.7	33.5	1 115.1	893.7	100.5	120.9	5	4										

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ 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		
27	Printing and publishing	1 515.0	55 361.6	46 175.1	4 120.5	5 066.0	1 524.9	53 708.3	44 667.5	3 995.0	5 045.8	2	2
271	Newspapers	403.3	13 640.4	11 199.3	1 041.5	1 399.6	414.8	13 552.6	11 095.2	1 048.4	1 409.0	2	2
2711	Newspapers	403.3	13 640.4	11 199.3	1 041.5	1 399.6	414.8	13 552.6	11 095.2	1 048.4	1 409.0	2	2
272	Periodicals	120.5	5 513.9	4 665.4	371.2	477.3	122.0	5 396.6	4 529.1	374.4	493.1	5	6
2721	Periodicals	120.5	5 513.9	4 665.4	371.2	477.3	122.0	5 396.6	4 529.1	374.4	493.1	5	6
273	Books	135.7	5 678.2	4 674.8	426.8	576.6	132.5	5 480.2	4 485.6	406.6	588.0	3	2
2731	Book publishing	85.4	3 784.5	3 128.2	274.1	382.2	83.5	3 692.2	3 016.4	260.6	415.2	3	2
2732	Book printing	50.3	1 893.7	1 546.6	152.7	194.4	49.0	1 788.0	1 469.2	146.0	172.8	7	5
274	Miscellaneous publishing	68.8	2 438.3	2 049.1	159.7	229.5	67.3	2 261.7	1 903.6	148.1	210.0	4	5
2741	Miscellaneous publishing	68.8	2 438.3	2 049.1	159.7	229.5	67.3	2 261.7	1 903.6	148.1	210.0	4	5
275	Commercial printing	604.4	21 348.5	18 015.1	1 609.6	1 723.8	597.8	20 345.9	17 153.7	1 514.9	1 677.3	2	3
2752	Commercial printing, lithographic	448.9	16 067.9	13 591.9	1 207.5	1 268.5	444.9	15 397.8	13 012.8	1 149.9	1 235.1	3	3
2754	Commercial printing, gravure	22.0	915.5	731.6	78.8	105.1	22.9	937.4	750.1	78.6	108.7	9	3
2759	Commercial printing, n.e.c.	133.4	4 365.2	3 691.6	323.4	350.2	129.9	4 010.8	3 390.8	286.4	333.6	5	5
276	Manifold business forms	41.4	1 550.6	1 263.1	122.9	164.6	43.5	1 522.2	1 231.5	120.0	170.7	5	6
2761	Manifold business forms	41.4	1 550.6	1 263.1	122.9	164.6	43.5	1 522.2	1 231.5	120.0	170.7	5	6
277	Greeting cards	21.4	810.4	635.9	60.1	114.4	22.1	769.8	611.0	57.5	101.3	3	3
2771	Greeting cards	21.4	810.4	635.9	60.1	114.4	22.1	769.8	611.0	57.5	101.3	3	3
278	Blankbooks and bookbinding	64.5	1 951.9	1 598.4	157.7	195.8	67.2	1 973.7	1 609.0	156.9	207.8	4	5
2782	Blankbooks and looseleaf binders	35.8	1 189.6	960.2	91.7	137.7	38.5	1 230.5	983.4	95.9	151.2	5	6
2789	Bookbinding and related work	28.8	762.5	638.3	66.1	58.1	28.7	743.3	625.7	61.0	56.6	7	8
279	Printing trade services	54.9	2 429.3	2 073.9	170.9	184.5	57.7	2 405.5	2 048.7	168.2	188.6	8	9
2791	Typesetting	21.8	845.2	715.0	63.8	66.4	21.8	793.7	672.5	59.0	62.2	12	13
2796	Platemaking services	33.1	1 584.1	1 359.0	107.2	118.2	35.9	1 611.9	1 376.2	109.2	126.5	9	11
28	Chemicals and allied products	824.4	46 060.8	36 331.0	3 326.1	6 403.7	838.8	44 849.7	35 445.4	3 165.5	6 238.8	2	2
281	Industrial inorganic chemicals	80.1	4 800.6	3 748.7	350.3	701.6	81.7	4 684.9	3 634.0	347.2	703.7	3	3
2812	Alkalies and chlorine	5.9	379.3	300.3	27.2	51.8	6.1	373.8	295.0	27.5	51.3	2	4
2813	Industrial gases	8.6	429.0	329.9	32.4	66.7	8.1	401.1	298.5	33.3	69.3	21	20
2816	Inorganic pigments	8.7	472.3	373.6	34.2	64.5	8.7	459.0	359.0	33.5	66.5	1	1
2819	Industrial inorganic chemicals, n.e.c.	57.0	3 520.0	2 744.8	256.6	518.6	58.9	3 450.9	2 681.5	252.8	516.6	2	3
282	Plastics materials and synthetics	115.1	6 730.1	5 086.0	494.0	1 150.1	126.7	7 172.4	5 519.0	507.4	1 146.0	1	1
2821	Plastics materials and resins	58.6	3 720.0	2 864.1	284.1	571.8	70.0	4 202.9	3 311.7	293.3	597.9	2	1
2822	Synthetic rubber	12.0	771.6	573.9	49.9	147.8	12.0	779.0	576.7	51.7	150.6	1	1
2823	Cellulosic manmade fibers	6.0	264.6	196.2	16.2	52.2	6.1	256.8	192.4	15.7	48.7	1	1
2824	Organic fibers, noncellulosic	38.5	1 973.9	1 451.9	143.8	378.2	38.6	1 933.8	1 438.2	146.8	348.8	1	1
283	Drugs	213.2	12 391.1	9 890.6	886.8	1 613.7	216.4	11 997.1	9 646.6	777.5	1 573.0	4	3
2833	Medicinals and botanicals	16.8	1 037.8	840.1	64.9	132.8	14.1	850.6	685.8	53.1	111.7	5	10
2834	Pharmaceutical preparations	136.9	7 728.0	6 196.7	572.6	958.7	143.0	7 756.3	6 268.2	500.2	987.9	6	5
2835	Diagnostic substances	39.9	2 515.4	1 988.2	170.6	356.6	38.2	2 306.2	1 838.2	150.0	318.0	7	6
2836	Biological products, except diagnostic	19.6	1 109.8	865.5	78.7	165.6	21.1	1 083.9	854.5	74.1	155.3	6	3
284	Soaps, cleaners, and toilet goods	126.2	5 498.4	4 388.6	418.2	691.6	122.8	5 166.4	4 141.6	389.0	635.8	6	5
2841	Soap and other detergents	30.3	1 480.8	1 172.5	113.6	194.7	31.6	1 526.7	1 217.2	115.9	193.6	11	6
2842	Polishes and sanitation goods	24.2	890.7	737.1	66.9	86.7	23.1	864.2	702.7	66.6	94.9	10	15
2843	Surface active agents	8.8	498.3	400.3	34.0	64.0	7.9	416.3	339.0	29.4	47.9	8	9
2844	Toilet preparations	62.9	2 628.5	2 078.7	203.6	346.2	60.2	2 359.3	1 882.7	177.2	299.4	9	9
285	Paints and allied products	51.1	2 417.0	1 939.8	188.4	288.8	52.4	2 491.5	2 004.4	191.6	295.5	4	4
2851	Paints and allied products	51.1	2 417.0	1 939.8	188.4	288.8	52.4	2 491.5	2 004.4	191.6	295.5	4	4
286	Industrial organic chemicals	125.9	8 590.3	6 765.0	558.8	1 266.5	118.1	7 661.2	5 927.2	532.2	1 201.8	2	2
2861	Gum and wood chemicals	2.9	107.7	88.4	7.9	11.4	2.9	108.8	89.2	8.1	11.5	9	6
2865	Cyclic crudes and intermediates	22.8	1 395.4	1 086.7	104.6	204.1	22.6	1 324.5	1 023.5	102.0	199.0	2	4
2869	Industrial organic chemicals, n.e.c.	100.3	7 087.2	5 589.9	446.3	1 051.0	92.6	6 227.8	4 814.4	422.1	991.3	3	2
287	Agricultural chemicals	36.7	1 995.7	1 593.0	158.2	244.5	39.1	1 979.5	1 595.9	142.7	240.9	6	6
2873	Nitrogenous fertilizers	7.5	382.7	313.6	30.1	39.0	7.3	365.9	300.2	28.1	37.6	10	4
2874	Phosphatic fertilizers	7.8	427.6	336.4	36.2	55.0	8.6	452.2	358.4	31.7	62.1	14	5
2875	Fertilizers, mixing only	7.7	338.2	272.8	26.2	39.2	8.4	313.2	265.1	20.0	28.1	20	31
2879	Agricultural chemicals, n.e.c.	13.8	847.2	670.1	65.8	111.3	14.8	848.2	672.2	62.9	113.1	5	3
289	Miscellaneous chemical products	76.0	3 637.6	2 919.3	271.4	446.9	81.4	3 696.8	2 976.8	277.8	442.2	5	4
2891	Adhesives and sealants	17.3	827.6	657.1	62.1	108.4	19.0	821.3	651.6	61.8	107.9	13	10
2892	Explosives	8.5	369.3	293.4	20.1	55.8	8.8	375.8	300.0	19.4	56.4	5	4
2893	Printing ink	13.1	607.7	492.4	49.3	66.0	13.9	613.3	500.4	51.1	61.8	15	11
2895	Carbon black	1.9	108.6	87.4	7.9	13.3	1.8	97.8	78.9	7.4	11.5	3	24
2899	Chemical preparations, n.e.c.	35.1	1 724.5	1 389.1	132.0	203.4	38.1	1 788.6	1 445.8	138.1	204.7	5	4
29	Petroleum and coal products	106.0	6 719.1	5 238.3	542.6	938.2	109.9	6 735.5	5 246.1	546.9	942.5	2	1
291	Petroleum refining	67.2	4 842.2	3 737.7	376.2	728.3	70.4	4 915.8	3 790.7	386.4	738.7	1	1
2911	Petroleum refining	67.2	4 842.2	3 737.7	376.2	728.3	70.4	4 915.8	3 790.7	386.4	738.7	1	1
295	Asphalt paving and roofing materials	25.2	1 230.1	988.2	110.0	131.9	25.7	1 192.4	954.5	106.7	131.2	6	5
2951	Asphalt paving mixtures and blocks	12.9	656.7	517.0	62.6	77.1	13.3	647.2	508.9	61.7	76.6	9	8
2952	Asphalt felts and coatings	12.3	573.4	471.2	47.4	54.8	12.4	545.3	445.6	45.1	54.6	6	5
299	Miscellaneous petroleum and coal products	13.6	646.7	512.3	56.4	78.0	13.8	627.4	501.0	53.8	72.6	5	6
2992	Lubricating oils and greases	11.5	548.0	436.0	48.6	63.4	11.6	531.2	425.7	46.1	59.4	5	6
2999	Petroleum and coal products, n.e.c.	2.1	98.7	76.3	7.8	14.6	2.2	96.1	75.2	7.7	13.2	19	12

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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		
30	Rubber and miscellaneous plastics products	1 017.9	35 855.2	28 435.7	3 054.0	4 365.5	1 017.8	34 571.2	27 290.4	3 023.2	4 257.6	2	1
301	Tires and inner tubes	64.8	3 742.9	2 700.9	285.3	756.7	65.9	3 813.4	2 723.9	302.1	787.4	1	1
3011	Tires and inner tubes	64.8	3 742.9	2 700.9	285.3	756.7	65.9	3 813.4	2 723.9	302.1	787.4	1	1
302	Rubber and plastics footwear	8.2	205.5	164.8	22.6	18.1	9.8	227.8	182.7	24.5	20.6	6	7
3021	Rubber and plastics footwear	8.2	205.5	164.8	22.6	18.1	9.8	227.8	182.7	24.5	20.6	6	7
305	Hose and belting and gaskets and packing	60.7	2 369.4	1 859.1	179.6	330.7	60.5	2 276.5	1 783.7	182.0	310.8	5	5
3052	Rubber and plastics hose and belting	22.3	897.9	666.1	69.2	162.6	22.8	880.6	654.8	67.6	158.2	5	3
3053	Gaskets, packing, and sealing devices	38.5	1 471.4	1 193.0	110.4	168.0	37.8	1 395.9	1 128.9	114.5	152.5	8	9
306	Fabricated rubber products, n.e.c.	121.5	3 969.8	3 136.9	340.7	492.2	119.5	3 767.2	2 951.1	344.6	471.5	4	4
3061	Mechanical rubber goods	63.4	2 019.2	1 588.4	169.5	261.3	61.4	1 873.3	1 457.8	168.4	247.1	6	5
3069	Fabricated rubber products, n.e.c.	58.1	1 950.6	1 548.4	171.2	231.0	58.1	1 893.8	1 493.2	176.1	224.5	6	6
308	Miscellaneous plastics products, n.e.c.	762.7	25 567.5	20 574.0	2 225.7	2 767.8	762.1	24 486.6	19 649.2	2 170.0	2 667.4	2	2
3081	Unsupported plastics film and sheet	59.5	2 498.0	1 978.5	191.6	327.9	60.6	2 454.6	1 935.7	195.0	323.9	5	6
3082	Unsupported plastics profile shapes	26.9	999.9	816.4	86.2	97.3	27.3	954.5	776.3	84.1	94.1	9	8
3083	Laminated plastics plate, sheet, and profile shapes	16.8	673.5	522.5	53.5	97.5	16.9	629.0	491.6	48.8	88.6	4	3
3084	Plastics pipe	16.2	536.3	436.0	46.4	53.9	14.9	485.0	391.5	42.4	51.1	7	7
3085	Plastics bottles	33.6	1 156.3	918.5	106.7	131.1	32.0	1 091.8	864.6	100.9	126.3	5	3
3086	Plastics foam products	67.2	2 241.7	1 790.0	201.6	250.1	67.4	2 229.4	1 758.5	203.9	267.0	6	5
3087	Custom compounding of purchased plastics resins	26.9	1 066.5	860.2	85.6	120.7	27.0	1 048.9	841.2	88.3	119.4	6	6
3088	Plastics plumbing fixtures	15.0	426.3	351.2	39.3	35.8	15.0	421.7	346.7	37.1	37.0	10	12
3089	Plastics products, n.e.c.	500.5	15 969.2	12 900.9	1 414.7	1 653.6	500.9	15 171.6	12 243.1	1 369.5	1 559.0	2	2
31	Leather and leather products	77.2	1 968.4	1 600.0	179.6	188.8	86.0	2 006.7	1 628.7	185.2	192.8	6	6
311	Leather tanning and finishing	14.8	490.2	393.0	43.0	54.2	15.3	489.3	392.8	45.1	51.4	8	6
3111	Leather tanning and finishing	14.8	490.2	393.0	43.0	54.2	15.3	489.3	392.8	45.1	51.4	8	6
313	Footwear cut stock	2.7	67.4	58.4	5.8	3.2	3.1	65.9	56.3	5.6	4.0	16	33
3131	Footwear cut stock	2.7	67.4	58.4	5.8	3.2	3.1	65.9	56.3	5.6	4.0	16	33
314	Footwear, except rubber	36.7	877.9	704.4	85.8	87.7	44.3	921.9	738.2	90.1	93.6	6	6
3142	House slippers	2.0	39.7	32.7	4.2	2.8	2.0	36.1	29.7	4.0	2.4	62	91
3143	Men's footwear, except athletic	19.2	519.7	404.8	51.1	63.8	23.1	543.6	427.7	51.5	64.4	4	5
3144	Women's footwear, except athletic	9.9	197.5	168.5	16.8	12.2	13.5	229.4	189.6	21.8	18.0	10	17
3149	Footwear, except rubber, n.e.c.	5.6	121.1	98.5	13.7	8.9	5.8	112.9	91.2	12.9	8.8	23	7
315	Leather gloves and mittens	2.3	56.2	45.0	4.4	6.8	2.6	51.0	40.5	4.1	6.4	79	78
3151	Leather gloves and mittens	2.3	56.2	45.0	4.4	6.8	2.6	51.0	40.5	4.1	6.4	79	78
316	Luggage	5.8	181.6	150.6	16.7	14.3	5.7	188.5	156.3	16.8	15.4	33	40
3161	Luggage	5.8	181.6	150.6	16.7	14.3	5.7	188.5	156.3	16.8	15.4	33	40
317	Handbags and personal leather goods	8.2	165.2	138.9	12.9	13.4	8.3	162.6	137.6	12.2	12.8	21	19
3171	Women's handbags and purses	3.3	58.1	48.3	3.6	6.2	3.0	56.9	47.3	3.4	6.2	60	31
3172	Personal leather goods, n.e.c.	4.9	107.1	90.6	9.3	7.2	5.3	105.7	90.3	8.8	6.6	16	24
319	Leather goods, n.e.c.	6.8	129.9	109.7	11.0	9.2	6.7	127.5	107.1	11.2	9.2	21	40
3199	Leather goods, n.e.c.	6.8	129.9	109.7	11.0	9.2	6.7	127.5	107.1	11.2	9.2	21	40
32	Stone, clay, and glass products	520.4	20 131.6	15 857.2	1 808.2	2 466.2	501.3	18 942.6	14 893.6	1 736.7	2 312.3	2	2
321	Flat glass	11.5	681.4	524.4	49.4	107.6	11.2	657.0	504.5	47.4	105.1	1	1
3211	Flat glass	11.5	681.4	524.4	49.4	107.6	11.2	657.0	504.5	47.4	105.1	1	1
322	Glass and glassware, pressed or blown	59.5	2 755.1	2 029.1	264.6	461.4	60.6	2 757.0	2 040.6	265.2	451.2	3	2
3221	Glass containers	24.1	1 211.2	856.7	120.8	233.7	25.2	1 237.1	883.4	118.8	234.9	1	1
3229	Pressed and blown glass, n.e.c.	35.4	1 544.0	1 172.5	143.8	227.7	35.4	1 520.0	1 157.2	146.5	216.3	4	3
323	Products of purchased glass	63.5	2 258.9	1 771.4	188.2	299.3	60.3	2 072.5	1 635.4	178.6	258.5	6	12
3231	Products of purchased glass	63.5	2 258.9	1 771.4	188.2	299.3	60.3	2 072.5	1 635.4	178.6	258.5	6	12
324	Cement, hydraulic	16.9	910.3	693.3	76.5	140.5	16.8	863.0	658.5	75.5	129.0	4	3
3241	Cement, hydraulic	16.9	910.3	693.3	76.5	140.5	16.8	863.0	658.5	75.5	129.0	4	3
325	Structural clay products	31.2	1 058.8	844.5	106.2	170.7	31.5	1 016.9	809.9	103.4	103.6	6	6
3251	Brick and structural clay tile	13.8	438.2	351.3	47.1	39.8	13.9	424.9	339.3	45.0	40.6	10	8
3253	Ceramic wall and floor tile	9.2	294.7	240.9	26.2	27.6	9.4	287.5	233.9	26.6	27.0	10	16
3255	Clay refractories	6.2	253.3	196.4	24.7	32.2	6.4	246.6	192.2	25.4	29.0	7	7
3259	Structural clay products, n.e.c.	2.0	72.6	55.9	8.2	8.5	1.8	57.7	44.4	6.3	7.0	15	13
326	Pottery and related products	44.8	1 446.0	1 149.0	126.3	170.7	43.6	1 369.1	1 071.6	124.3	173.2	7	8
3261	Vitreous plumbing fixtures	9.3	346.5	261.5	33.8	51.2	9.6	348.0	262.5	35.9	49.6	1	1
3262	Vitreous china table and kitchenware	5.1	166.5	125.6	15.0	25.9	5.2	159.7	121.0	15.4	23.3	1	2
3263	Semivitreous table and kitchenware	.9	23.1	17.5	2.7	2.9	1.2	24.2	18.3	3.1	2.8	25	37
3264	Porcelain electrical supplies	15.1	595.5	481.9	47.3	66.3	14.0	543.5	426.5	44.0	73.0	18	19
3269	Pottery products, n.e.c.	14.4	314.2	262.4	27.5	24.3	13.5	293.9	243.5	25.9	24.5	10	12
327	Concrete, gypsum, and plaster products	204.5	7 546.8	6 082.8	710.2	753.8	194.9	6 904.7	5 560.1	667.9	676.7	3	3
3271	Concrete block and brick	21.0	747.1	605.3	77.9	63.9	19.5	647.8	524.8	67.3	55.7	9	10
3272	Concrete products, n.e.c.	70.8	2 371.5	1 904.9	243.6	223.0	66.8	2 173.7	1 748.3	229.0	196.4	4	4
3273	Ready-mixed concrete	94.5	3 637.2	2 926.2	339.4	371.6	92.1	3 371.2	2 711.3	313.4	346.5	3	3
3274	Lime	5.1	211.4	168.5	5.0	37.9	5.2	207.3	168.0	15.1	24.2	(A)	41
3275	Gypsum products	13.2	579.6	477.8	44.4	57.4	11.3	504.7	407.8	43.1	53.8	9	12
328	Cut stone and stone products	17.1	506.5	412.4	53.5	40.6	12.9	398.7	319.3	42.4	37.0	35	37
3281	Cut stone and stone products	17.1	506.5	412.4	53.5	40.6	12.9	398.7	319.3	42.4	37.0	35	37
329	Miscellaneous nonmetallic mineral products	71.5	2 967.8	2 350.3	233.2	384.3	69.5	2 903.7	2 293.6	232.1	378.0	6	5
3291	Abrasive products	24.0	978.7	787.6	69.3	121.8	22.5	965.7	764.2	73.5	128.0	10	12
3292	Asbestos products	—	—	—	—	—	—	—	—	—	(X)	(X)	(X)
3295	Minerals, ground or treated	10.5	429.6	340.6	31.2	57.8	10.2	412.5	327.2	31.4	53.9	13	10
3296	Mineral wool	20.1	920.2	726.8	78.2	115.2	20.1	911.1	722.9	75.4	112.8	11	8
3297	Nonclay refractories	7.7	372.0	278.6	32.3	61.1	7.8	363.6	274.9	31.5	57.2	12	10
3299	Nonmetallic mineral products, n.e.c.	9.2	267.2	216.6	22.3	28.3	8.8	250.8	204.4	20.4	26.0	7	8

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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		
33	Primary metal industries	687.4	34 252.7	25 644.3	2 852.7	5 755.7	685.8	33 509.5	24 987.5	2 846.2	5 675.8	1	1
331	Blast furnace and basic steel products	221.0	13 911.0	9 950.3	1 057.7	2 903.0	225.2	13 983.3	9 956.2	1 096.6	2 930.5	2	1
3312	Blast furnaces and steel mills	149.2	10 647.9	7 452.2	771.4	2 424.3	153.5	10 770.0	7 500.9	804.4	2 464.7	1	1
3313	Electrometallurgical products	3.9	194.6	148.9	19.1	26.6	4.1	200.9	147.4	21.2	32.3	5	2
3315	Steel wire and related products	26.9	1 000.2	773.3	89.9	137.0	27.4	1 034.1	804.6	97.2	132.3	12	13
3316	Cold finishing of steel shapes	15.5	917.6	686.9	71.3	159.4	15.0	874.1	646.6	74.0	153.5	6	7
3317	Steel pipe and tubes	25.5	1 150.7	889.0	106.0	155.7	25.2	1 104.4	856.8	99.9	147.7	3	4
332	Iron and steel foundries	128.2	5 757.3	4 372.6	508.1	876.6	130.3	5 688.0	4 318.3	525.2	844.5	3	2
3321	Gray and ductile iron foundries	79.0	3 860.2	2 917.2	320.2	622.8	82.1	3 860.1	2 909.4	338.7	612.0	4	2
3322	Malleable iron foundries	2.7	157.0	112.8	10.9	33.3	3.0	152.7	109.5	13.4	29.8	4	2
3324	Steel investment foundries	21.4	780.4	604.9	74.3	101.2	20.1	734.8	574.1	67.0	93.7	5	7
3325	Steel foundries, n.e.c.	25.1	959.8	737.8	102.7	119.3	25.2	940.4	725.4	106.1	108.9	8	8
333	Primary nonferrous metals	34.9	1 891.6	1 407.7	160.7	323.2	33.4	1 750.7	1 306.1	152.6	292.0	1	1
3331	Primary copper	6.8	360.6	268.0	38.2	54.4	6.5	339.2	254.1	34.4	50.7	2	2
3334	Primary aluminum	17.6	1 009.4	750.0	75.2	184.2	18.1	1 004.0	745.1	78.9	180.0	1	1
3339	Primary nonferrous metals, n.e.c.	10.5	521.7	389.8	47.3	84.6	8.9	407.6	307.0	39.3	61.3	3	4
334	Secondary nonferrous metals	15.0	642.1	499.6	60.4	82.1	14.9	641.1	499.7	60.7	80.7	5	6
3341	Secondary nonferrous metals	15.0	642.1	499.6	60.4	82.1	14.9	641.1	499.7	60.7	80.7	5	6
335	Nonferrous rolling and drawing	162.3	7 275.5	5 627.0	605.5	1 043.0	159.8	6 963.8	5 338.4	581.0	1 044.4	2	2
3351	Copper rolling and drawing	21.4	983.3	769.3	87.2	126.8	21.4	956.7	738.4	81.8	136.5	7	5
3353	Aluminum sheet, plate, and foil	23.5	1 449.4	1 079.0	106.7	263.7	22.9	1 396.4	1 027.4	104.7	264.3	1	1
3354	Aluminum extruded products	29.3	1 148.4	884.5	100.6	163.3	29.0	1 113.0	850.3	101.2	161.5	4	5
3355	Aluminum rolling and drawing, n.e.c.	1.5	68.5	51.8	4.6	12.1	1.6	65.1	51.0	5.1	9.0	4	2
3356	Nonferrous rolling and drawing, n.e.c.	17.4	853.2	667.3	73.5	112.4	16.7	779.3	605.9	65.2	108.2	2	2
3357	Nonferrous wiredrawing and insulating	69.2	2 772.6	2 175.0	232.9	364.7	68.2	2 653.3	2 065.4	223.0	364.9	4	3
336	Nonferrous foundries (castings)	93.9	3 377.5	2 662.4	337.7	377.4	90.5	3 171.6	2 508.2	316.8	346.5	5	6
3363	Aluminum die-castings	32.5	1 290.9	1 007.5	112.0	171.4	32.5	1 266.1	996.4	116.0	153.7	7	8
3364	Nonferrous die-castings, except aluminum	13.6	494.5	400.7	51.8	42.0	13.9	465.8	379.6	47.9	38.3	14	16
3365	Aluminum foundries	33.2	1 130.3	898.0	116.5	115.8	30.8	1 031.3	817.7	105.9	107.7	8	7
3366	Copper foundries	8.3	236.6	172.9	30.7	26.7	8.7	219.2	164.1	27.9	27.2	12	39
3369	Nonferrous foundries, n.e.c.	6.2	231.3	183.1	26.7	21.5	4.6	189.2	150.5	19.0	19.7	26	28
339	Miscellaneous primary metal products	32.1	1 397.6	1 124.7	122.5	150.4	31.6	1 311.0	1 060.6	113.2	137.2	7	5
3398	Metal heat treating	19.8	827.5	676.5	74.5	76.5	19.5	776.2	637.2	69.4	69.6	11	10
3399	Primary metal products, n.e.c.	12.3	570.0	448.2	47.9	73.9	12.2	534.8	423.4	43.8	67.6	4	3
34	Fabricated metal products	1 483.0	57 845.7	46 129.8	4 895.6	6 820.3	1 463.6	55 969.8	44 527.3	4 783.6	6 658.9	1	1
341	Metal cans and shipping containers	33.0	1 775.9	1 368.6	147.9	259.4	36.1	1 798.9	1 379.6	152.3	267.0	3	3
3411	Metal cans	27.2	1 558.1	1 193.8	130.8	233.5	29.3	1 543.3	1 183.0	128.9	231.4	2	2
3412	Metal barrels, drums, and pails	5.8	217.7	174.7	17.1	25.9	6.8	255.6	196.7	23.3	35.6	23	21
342	Cutlery, handtools, and hardware	139.9	5 410.1	4 219.7	446.3	744.1	141.8	5 285.2	4 138.9	444.5	701.8	4	4
3421	Cutlery	10.8	448.3	340.0	36.3	72.0	11.2	441.3	329.1	32.5	79.7	4	7
3423	Hand and edge tools, n.e.c.	41.2	1 562.1	1 241.7	132.4	188.0	41.9	1 492.1	1 192.3	127.5	172.3	7	8
3425	Saw blades and hand saws	11.9	450.5	360.3	27.2	63.0	11.0	411.9	334.8	28.3	48.8	35	20
3429	Hardware, n.e.c.	76.0	2 949.3	2 277.8	250.4	421.1	77.8	2 940.0	2 282.8	256.2	401.0	4	3
343	Plumbing and heating, except electric	45.2	1 557.3	1 246.2	139.1	172.0	44.4	1 645.4	1 302.7	152.6	190.1	4	13
3431	Metal sanitary ware	6.2	211.3	173.8	16.5	21.0	6.3	205.9	167.9	17.3	20.7	1	1
3432	Plumbing fixture fittings and trim	19.5	574.5	458.3	58.2	58.0	18.1	693.7	541.2	71.2	81.3	5	35
3433	Heating equipment, except electric	19.5	771.4	614.1	64.4	92.9	19.9	745.8	593.7	64.0	88.1	6	10
344	Fabricated structural metal products	432.3	15 441.6	12 555.3	1 396.9	1 489.4	415.3	14 474.6	11 736.9	1 304.4	1 433.3	2	4
3441	Fabricated structural metal	75.5	2 878.6	2 300.1	286.1	292.4	74.3	2 730.0	2 169.4	272.4	288.2	3	5
3442	Metal doors, sash, and trim	68.1	2 080.4	1 718.1	180.4	181.9	66.6	1 946.9	1 613.2	164.8	168.9	5	8
3443	Fabricated plate work (boiler shops)	88.0	3 371.7	2 703.0	308.5	360.2	82.3	3 144.4	2 505.0	291.4	348.0	5	10
3444	Sheet metal work	119.1	4 309.7	3 536.6	365.1	409.0	115.5	4 067.5	3 338.6	341.3	387.6	4	4
3446	Architectural metal work	28.0	941.1	764.4	78.4	98.3	26.9	901.4	726.2	80.8	94.4	8	6
3448	Prefabricated metal buildings	28.7	922.0	775.6	82.5	63.9	27.4	844.3	703.2	75.4	65.7	9	15
3449	Miscellaneous metal work	25.0	937.9	758.5	95.8	83.6	22.4	840.3	681.4	78.4	80.5	9	16
345	Screw machine products, bolts, etc.	103.6	4 012.4	3 264.9	332.5	415.0	100.2	3 810.8	3 080.4	318.3	412.1	4	5
3451	Screw machine products	57.1	2 040.4	1 683.4	169.1	187.9	54.2	1 884.9	1 551.5	152.3	181.1	8	9
3452	Bolts, nuts, rivets, and washers	46.5	1 972.1	1 581.6	163.4	227.1	46.0	1 925.8	1 528.9	165.9	231.0	3	3
346	Metal forgings and stampings	259.2	12 453.8	9 696.3	985.7	1 771.8	258.5	12 230.5	9 504.9	982.1	1 743.5	3	2
3462	Iron and steel forgings	27.0	1 288.5	987.9	127.5	173.1	25.2	1 164.9	890.3	114.5	160.1	8	7
3463	Nonferrous forgings	7.5	355.8	277.5	27.0	51.3	8.1	389.4	307.5	32.6	49.3	5	4
3465	Automotive stampings	119.5	6 742.1	5 123.7	477.7	1 140.7	120.0	6 798.5	5 155.7	506.2	1 136.6	3	2
3466	Crowns and closures	4.1	190.6	144.8	21.1	24.7	4.3	193.5	145.1	20.9	27.5	1	1
3469	Metal stampings, n.e.c.	101.1	3 876.7	3 162.4	332.3	382.0	100.9	3 684.1	3 006.3	307.9	369.9	5	5
347	Metal services, n.e.c.	129.1	4 192.9	3 454.1	356.5	382.3	126.4	3 992.4	3 283.1	345.1	364.2	3	3
3471	Plating and polishing	75.2	2 377.3	1 968.7	205.2	203.4	75.7	2 304.3	1 900.9	202.1	201.3	4	4
3479	Metal coating and allied services	54.0	1 815.6	1 485.4	151.3	178.9	50.7	1 688.1	1 382.2	143.0	162.9	4	4
348	Ordnance and accessories, n.e.c.	40.3	1 903.6	1 466.3	148.6	288.7	42.1	1 970.6	1 512.9	161.9	295.8	1	1
3482	Small arms ammunition	6.9	303.8	231.4	24.1	48.3	7.5	324.8	252.2	25.8	46.8	1	4
3483	Ammunition, except for small arms, n.e.c.	9.5	448.8	336.8	39.0	73.0	11.4	522.1	393.5	51.5	77.1	3	3
3484	Small arms	10.9	431.3	332.9	35.0	63.4	11.4	450.6	350.5	36.2	63.9	3	2
3489	Ordnance and accessories, n.e.c.	12.9	719.6	565.2	50.5	103.9	11.7	673.0	516.7	48.4	107.9	1	1
349	Miscellaneous fabricated metal products	300.3	11 098.2	8 858.4	942.2	1 297.6	298.8	10 761.7	8 587.9	922.6	1 251.2	2	2
3491	Industrial valves	53.5	2 324.7	1 829.1	192.5	303.1	53.2	2 292.9	1 801.8	190.8	300.3	4	3
3492	Fluid power valves and hose fittings	31.5	1 379.3	1 068.1	110.5	200.7	32.4	1 364.7	1 056.6	111.4	196.7	5	3
3493	Steel springs, except wire	3.9	161.4	129.4	14.1	17.9	4.0	160.9	126.8	14.9	19.2	7	9
3494	Valves and pipe fittings, n.e.c.	18.4	7										

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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		
35	Industrial machinery and equipment	1 980.5	87 790.1	70 729.5	6 993.6	10 067.0	1 925.8	83 725.2	67 431.1	6 683.6	9 610.5	1	1
351	Engines and turbines	78.6	4 226.4	3 185.5	303.3	737.6	81.8	4 346.6	3 288.6	316.6	741.4	3	1
3511	Turbines and turbine generator sets	21.8	1 234.6	948.3	79.1	207.2	24.3	1 383.7	1 050.8	93.5	239.4	4	2
3519	Internal combustion engines, n.e.c.	56.9	2 991.8	2 237.2	224.2	530.4	57.5	2 962.9	2 237.8	223.1	502.0	3	2
352	Farm and garden machinery	93.5	3 884.6	2 917.8	358.2	608.6	93.4	3 670.2	2 824.0	316.6	529.6	5	5
3523	Farm machinery and equipment	66.6	2 978.9	2 216.6	269.9	492.4	65.7	2 776.7	2 139.4	230.3	407.0	7	6
3524	Lawn and garden equipment	27.0	905.8	701.2	88.4	116.2	27.7	893.5	684.6	86.3	122.6	5	3
353	Construction and related machinery	204.9	9 056.8	7 156.7	741.0	1 159.1	198.8	8 439.3	6 652.4	691.4	1 095.5	3	2
3531	Construction machinery	88.7	4 064.5	3 112.2	321.1	631.2	85.4	3 734.8	2 854.9	291.1	588.8	4	3
3532	Mining machinery	13.7	564.9	446.8	48.8	69.3	13.8	563.2	446.5	49.2	67.5	4	8
3533	Oil and gas field machinery	26.4	1 170.3	956.9	102.2	111.2	24.3	1 012.8	814.0	90.0	108.8	6	7
3534	Elevators and moving stairways	8.4	354.8	280.7	30.5	43.6	8.4	337.6	267.6	32.7	37.3	8	7
3535	Conveyors and conveying equipment	36.7	1 633.3	1 342.6	137.9	152.8	36.4	1 564.9	1 283.2	133.4	148.3	7	6
3536	Hoists, cranes, and monorails	8.1	341.1	275.9	26.6	38.6	8.2	325.1	262.9	22.9	39.3	10	11
3537	Industrial trucks and tractors	23.0	927.8	741.6	73.9	112.3	22.3	901.2	723.4	72.2	105.6	7	8
354	Metalworking machinery	294.8	13 308.8	10 984.5	1 026.6	1 297.7	286.0	12 617.9	10 403.4	990.8	1 223.7	2	2
3541	Machine tools, metal cutting types	26.9	1 370.8	1 117.9	105.4	147.5	27.0	1 306.4	1 061.6	108.9	135.9	6	8
3542	Machine tools, metal forming types	13.5	648.1	524.7	51.1	72.3	13.4	637.0	512.3	52.5	72.2	11	11
3543	Industrial patterns	8.0	340.7	282.5	27.1	31.1	7.7	326.6	273.3	25.4	27.9	14	19
3544	Special dies, tools, jigs, and fixtures	133.3	6 093.1	5 099.1	463.8	530.2	130.8	5 865.1	4 911.9	452.5	500.7	2	3
3545	Machine tool accessories	55.6	2 226.1	1 818.4	175.7	232.0	51.1	1 980.0	1 608.2	158.5	213.3	7	5
3546	Power-driven handtools	16.3	630.8	493.5	48.6	88.7	17.0	641.9	500.7	50.0	91.2	11	10
3547	Rolling mill machinery	4.5	206.9	166.7	18.8	21.4	4.2	192.5	156.1	16.9	19.5	5	15
3548	Welding apparatus	19.7	916.5	754.2	69.3	93.0	18.9	877.7	723.4	65.1	89.2	6	6
3549	Metalworking machinery, n.e.c.	16.9	875.9	727.5	66.7	81.7	15.9	790.7	655.8	61.1	73.8	8	8
355	Special industry machinery	192.3	9 023.8	7 310.8	718.7	994.3	185.7	8 861.0	7 208.5	704.8	947.7	5	3
3552	Textile machinery	16.3	596.5	494.2	45.2	57.1	16.9	613.1	508.0	50.2	54.9	28	29
3553	Woodworking machinery	10.2	388.6	312.4	34.2	42.0	9.8	384.9	307.6	34.2	43.1	14	17
3554	Paper industries machinery	19.5	984.2	795.8	83.1	105.3	19.3	954.5	771.9	79.3	103.3	6	5
3555	Printing trades machinery	21.8	1 101.2	893.7	99.0	108.5	21.6	1 073.9	869.9	87.6	116.4	22	7
3556	Food products machinery	21.1	840.4	688.4	62.0	90.0	19.9	835.9	679.7	63.7	92.5	6	6
3559	Special industry machinery, n.e.c.	103.5	5 112.7	4 126.1	395.2	591.4	98.1	4 998.9	4 071.4	389.9	537.6	5	4
356	General industrial machinery	264.9	11 414.6	9 129.9	924.2	1 360.5	259.5	11 047.4	8 829.9	901.3	1 316.2	3	3
3561	Pumps and pumping equipment	37.0	1 667.1	1 343.3	132.6	191.2	35.5	1 589.5	1 269.5	125.2	194.8	5	5
3562	Ball and roller bearings	36.0	1 652.1	1 252.9	141.2	258.0	35.6	1 634.3	1 239.0	140.0	255.3	6	4
3563	Air and gas compressors	28.1	1 271.4	1 016.7	103.2	151.5	26.9	1 185.3	948.1	97.0	140.2	11	10
3564	Blowers and fans	31.4	1 105.1	902.3	93.0	109.8	29.1	1 022.0	838.4	85.1	98.5	11	13
3565	Packaging machinery	27.2	1 245.1	1 015.0	101.5	128.6	28.0	1 243.0	1 013.0	104.2	125.8	11	7
3566	Speed changers, drives, and gears	17.1	758.6	596.5	57.4	104.7	16.8	747.5	595.8	57.2	94.5	6	5
3567	Industrial furnaces and ovens	19.7	785.7	631.2	67.9	86.6	18.7	729.8	584.9	63.1	81.8	11	10
3568	Power transmission equipment, n.e.c.	22.3	961.1	753.8	75.5	131.8	22.8	957.2	749.5	76.6	131.1	4	3
3569	General industrial machinery, n.e.c.	46.1	1 968.3	1 618.2	151.7	198.4	46.2	1 938.7	1 591.7	152.8	194.2	3	6
357	Computer and office equipment	259.0	13 669.5	11 211.2	1 078.2	1 380.1	246.2	12 587.1	10 285.3	977.9	1 323.9	1	1
3571	Electronic computers	101.8	5 456.0	4 499.6	420.2	536.2	106.4	5 752.5	4 718.7	436.1	597.7	1	1
3572	Computer storage devices	38.6	2 269.6	1 871.6	191.8	206.2	37.8	2 154.5	1 788.6	166.4	199.5	1	2
3575	Computer terminals	5.8	263.6	221.4	19.3	22.9	6.5	315.1	261.5	22.9	30.7	5	6
3577	Computer peripheral equipment, n.e.c.	75.0	4 233.7	3 511.5	311.6	410.6	59.2	2 935.2	2 426.5	216.6	292.1	2	3
3578	Calculating and accounting equipment	8.1	355.5	300.4	23.7	31.4	7.8	353.4	294.9	25.2	33.3	12	8
3579	Office machines, n.e.c.	29.8	1 091.0	806.6	111.6	172.8	28.5	1 076.4	795.1	110.7	170.6	2	3
358	Refrigeration and service machinery	200.5	8 362.5	6 493.3	664.0	1 205.2	197.5	8 066.0	6 231.5	648.9	1 185.6	3	2
3581	Automatic vending machines	7.4	258.6	206.4	21.5	30.7	7.0	250.9	197.6	20.1	33.2	8	10
3582	Commercial laundry equipment	4.6	158.4	128.7	13.5	16.2	4.9	159.2	128.7	13.5	17.0	4	5
3585	Refrigeration and heating equipment	134.9	5 869.1	4 480.4	466.8	921.9	134.8	5 668.7	4 301.4	460.3	907.0	3	2
3586	Measuring and dispensing pumps	6.8	301.7	234.8	23.5	43.4	7.3	302.1	238.1	25.1	38.9	1	8
3589	Service industry machinery, n.e.c.	46.9	1 774.7	1 442.9	138.7	193.1	43.5	1 685.0	1 365.6	129.8	189.6	7	6
359	Industrial machinery, n.e.c.	391.8	14 843.0	12 339.8	1 179.4	1 323.8	376.8	14 089.3	11 707.5	1 135.2	1 246.6	3	3
3592	Carburetors, pistons, rings, and valves	19.5	918.5	707.8	72.8	137.9	20.2	887.8	680.3	70.2	137.3	3	3
3593	Fluid power cylinders and actuators	20.6	1 006.0	775.4	73.1	157.5	19.7	985.9	757.5	77.0	151.4	5	7
3594	Fluid power pumps and motors	11.1	518.5	406.8	38.8	72.9	11.3	522.1	405.8	43.3	73.0	9	5
3596	Scales and balances, except laboratory	5.4	214.9	173.2	16.1	25.6	5.5	213.7	171.9	16.6	25.2	9	9
3599	Industrial machinery, n.e.c.	335.3	12 185.0	10 276.6	978.6	929.8	320.2	11 479.8	9 692.0	928.1	859.7	4	4
36	Electronic and other electric equipment	1 556.5	67 433.7	54 311.4	5 070.8	8 051.5	1 536.1	64 462.7	51 496.6	4 924.6	8 041.5	2	2
361	Electric distribution equipment	73.6	3 124.2	2 498.9	261.5	363.8	73.9	3 043.9	2 393.6	271.9	378.4	13	4
3612	Transformers, except electronic	32.1	1 353.8	1 100.9	123.8	129.1	32.3	1 312.5	1 047.7	123.9	140.9	26	11
3613	Switchgear and switchboard apparatus	41.5	1 770.4	1 397.9	137.7	234.8	41.6	1 731.4	1 345.9	148.0	237.5	2	3
362	Electrical industrial apparatus	171.3	6 792.7	5 372.6	518.8	901.3	169.7	6 572.1	5 163.4	511.9	896.8	3	3
3621	Motors and generators	75.2	2 764.4	2 128.9	216.2	419.3	77.1	2 724.8	2 080.3	223.2	421.3	3	6
3624	Carbon and graphite products	11.4	492.5	391.6	37.4	63.5	10.9	460.5	364.3	35.8	60.4	8	7
3625	Relays and industrial controls	66.2	2 905.2	2 324.8	216.4	364.0	64.2	2 765.9	2 202.7	207.8	355.4	4	3
3629	Electrical industrial apparatus, n.e.c.	18.5	630.7	527.3	48.9	54.5	17.6	621.0	516.1	45.2	59.7	10	15
363	Household appliances	108.1	3 989.2	3 071.8	318.9	598.5	110.1	3 949.9	3 059.2	319.1	571.6	3	1
3631	Household cooking equipment	18.9	658.4	517.4	57.9	83.1	19.2	648.5	504.3	57.0	87.2	12	3
3632	Household refrigerators and freezers	26.1	1 082.4	809.6	82.9	189.9	27.6	1 099.0	834.3	82.7	182.0	1	1
3633	Household laundry equipment	15.7	654.4	501.0	46.3	107.1	16.4	669.1	521.5	46.5	101.1	1	1
3634	Electric housewares and fans	22.3	613.9	488.4	53.5	72.0	23.2	635.0	505.6	57.2	72.2	9	4
3635	Household vacuum cleaners	11.9	469.5	363.8	37.2	68.5	10.6	401.5	313.6	34.0	53.9		

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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	J
36	Electronic and other electric equipment—Con.														
365	Household audio and video equipment	48.6	1 659.6	1 333.3	131.9	194.4	51.2	1 717.5	1 376.8	134.5	206.2	4	3		
3651	Household audio and video equipment . .	31.0	1 058.3	839.9	80.9	137.5	33.4	1 127.2	897.7	85.1	144.4	7	3		
3652	Prerecorded records and tapes	17.7	601.4	493.4	51.0	57.0	17.7	590.4	479.1	49.4	61.9	4	4		
366	Communications equipment	258.4	14 114.4	11 521.6	1 013.3	1 579.5	240.0	12 407.3	9 978.2	913.1	1 516.0	1	2		
3661	Telephone and telegraph apparatus	93.6	5 417.8	4 468.7	390.7	558.4	89.3	4 816.9	3 894.0	348.9	574.0	2	2		
3663	Radio and television communications equipment	140.0	7 665.7	6 201.5	542.7	921.5	127.1	6 677.2	5 330.2	489.6	857.4	2	2		
3669	Communications equipment, n.e.c.	24.8	1 030.9	851.4	79.9	99.6	23.5	6 913.3	754.1	74.6	84.6	6	6		
367	Electronic components and accessories . .	587.9	25 463.3	20 830.1	1 894.7	2 738.5	584.2	24 876.0	20 214.6	1 835.4	2 826.0	5	6		
3671	Electron tubes	23.3	944.7	727.9	71.5	145.3	21.6	865.0	663.6	68.0	133.4	1	1		
3672	Printed circuit boards	88.3	3 077.1	2 531.4	255.6	290.1	81.6	2 827.9	2 311.6	234.9	281.4	3	3		
3674	Semiconductors and related devices	189.6	11 025.8	9 042.2	789.6	1 194.0	191.6	10 733.2	8 744.7	747.4	1 241.1	11	13		
3675	Electronic capacitors	18.4	623.3	472.1	48.1	103.1	20.9	660.6	509.5	48.0	103.1	4	4		
3676	Electronic resistors	9.5	300.5	241.8	23.1	35.6	9.9	307.5	244.6	23.3	39.6	16	18		
3677	Electronic coils and transformers	20.0	513.9	431.7	39.7	42.5	21.3	508.4	425.1	38.2	45.1	9	14		
3678	Electronic connectors	33.1	1 372.2	1 118.0	109.5	144.7	32.0	1 307.6	1 057.5	104.8	145.3	7	6		
3679	Electronic components, n.e.c.	205.8	7 605.7	6 265.0	557.5	783.2	205.4	7 665.8	6 258.0	570.8	837.0	2	3		
369	Miscellaneous electrical equipment and supplies	151.3	6 400.0	5 066.6	473.2	860.2	148.2	6 126.6	4 799.5	483.6	843.5	4	3		
3691	Storage batteries	21.3	922.5	702.8	76.0	143.7	20.7	904.1	683.1	77.9	143.1	2	2		
3692	Primary batteries, dry and wet	7.1	318.6	238.7	21.8	58.1	7.1	287.4	218.9	21.5	49.0	32	25		
3694	Engine electrical equipment	53.5	2 056.4	1 600.3	144.1	312.0	52.1	1 963.6	1 505.2	161.7	296.7	3	3		
3695	Magnetic and optical recording media . .	23.7	1 048.6	844.6	77.6	126.4	24.5	1 009.9	801.8	75.5	132.6	9	9		
3699	Electrical equipment and supplies, n.e.c.	45.8	2 054.0	1 680.3	153.7	220.0	43.8	1 961.6	1 592.4	147.0	222.2	7	5		
37	Transportation equipment	1 466.9	83 141.7	63 531.8	6 187.3	13 422.6	1 518.3	84 033.9	63 891.6	6 562.9	13 579.4	1	1		
371	Motor vehicles and equipment	772.0	44 333.9	32 867.4	3 120.3	8 346.2	809.3	45 785.1	34 022.0	3 427.6	8 335.5	1	1		
3711	Motor vehicles and car bodies	225.2	17 131.4	12 310.9	1 160.4	3 660.1	237.9	18 020.0	12 955.9	1 306.3	3 757.8	1	1		
3713	Truck and bus bodies	37.3	1 297.9	1 055.4	115.8	126.7	40.0	1 336.3	1 086.0	120.6	129.7	8	7		
3714	Motor vehicle parts and accessories	459.9	24 229.9	18 171.0	1 690.2	4 368.7	475.7	24 680.3	18 583.0	1 832.0	4 265.3	2	1		
3715	Truck trailers	30.4	1 027.9	799.3	95.3	133.3	36.3	1 159.9	910.7	116.1	133.1	4	4		
3716	Motor homes	19.2	646.8	530.8	58.5	57.5	19.4	588.7	486.4	52.6	49.7	8	5		
372	Aircraft and parts	376.7	23 725.9	18 732.5	1 732.8	3 260.6	381.6	22 965.8	17 906.9	1 749.9	3 309.0	2	2		
3721	Aircraft	188.3	12 335.5	9 839.3	873.5	1 622.7	189.0	11 629.5	9 139.2	855.6	1 634.7	4	4		
3724	Aircraft engines and engine parts	75.1	4 632.4	3 639.9	351.4	641.1	76.3	4 601.8	3 618.4	350.3	633.1	2	2		
3728	Aircraft parts and equipment, n.e.c.	113.4	6 757.9	5 253.3	507.9	996.7	116.3	6 734.4	5 149.3	544.0	1 041.1	2	2		
373	Ship and boat building and repairing	141.3	5 469.5	4 352.6	615.0	501.9	143.2	5 509.9	4 326.8	631.9	551.3	3	3		
3731	Ship building and repairing	92.1	4 060.4	3 175.2	488.0	397.2	95.3	4 186.4	3 221.8	512.8	451.8	4	4		
3732	Boat building and repairing	49.2	1 409.2	1 177.4	127.1	104.7	47.9	1 323.5	1 105.0	119.1	99.4	5	5		
374	Railroad equipment	30.6	1 513.3	1 141.4	131.5	240.4	32.2	1 508.6	1 117.4	142.1	249.1	2	3		
3743	Railroad equipment	30.6	1 513.3	1 141.4	131.5	240.4	32.2	1 508.6	1 117.4	142.1	249.1	2	3		
375	Motorcycles, bicycles, and parts	18.4	684.5	565.1	49.9	69.5	16.1	616.1	502.6	49.7	63.8	7	12		
3751	Motorcycles, bicycles, and parts	18.4	684.5	565.1	49.9	69.5	16.1	616.1	502.6	49.7	63.8	7	12		
376	Guided missiles, space vehicles, parts . . .	81.0	5 865.8	4 631.6	394.8	839.4	89.2	6 102.4	4 792.3	420.7	889.4	1	1		
3761	Guided missiles and space vehicles	55.7	4 177.7	3 323.4	272.9	581.4	60.8	4 297.3	3 401.3	297.2	598.8	1	1		
3764	Space propulsion units and parts	17.2	1 179.1	916.5	80.8	181.8	19.6	1 291.5	996.9	88.1	206.5	1	1		
3769	Space vehicle equipment, n.e.c.	8.1	509.2	391.8	41.1	76.3	8.8	513.7	394.1	35.5	84.1	3	4		
379	Miscellaneous transportation equipment . .	46.9	1 548.8	1 241.2	143.0	164.6	46.6	1 545.9	1 223.6	140.9	181.4	4	4		
3792	Travel trailers and campers	18.0	509.9	421.6	48.8	39.5	18.9	510.2	428.3	48.0	33.9	6	6		
3795	Tanks and tank components	5.5	335.9	249.7	26.4	59.8	6.2	403.1	283.1	32.4	87.6	6	7		
3799	Transportation equipment, n.e.c.	23.4	703.1	570.0	67.8	65.3	21.5	632.7	512.2	60.6	59.9	7	7		
38	Instruments and related products	820.7	42 081.1	33 782.7	3 073.9	5 224.5	830.6	41 398.7	33 077.2	2 961.0	5 360.5	1	1		
381	Search and navigation equipment	186.3	12 124.7	9 540.1	861.4	1 723.2	200.1	12 662.8	9 880.3	879.0	1 903.5	1	1		
3812	Search and navigation equipment	186.3	12 124.7	9 540.1	861.4	1 723.2	200.1	12 662.8	9 880.3	879.0	1 903.5	1	1		
382	Measuring and controlling devices	272.1	13 073.0	10 562.3	977.3	1 533.4	271.1	12 668.1	10 219.3	940.4	1 508.4	2	2		
3821	Laboratory apparatus and furniture	17.6	763.3	620.0	55.0	88.3	17.4	738.3	603.4	51.7	83.2	9	7		
3822	Environmental controls	26.5	1 058.8	830.1	84.9	143.8	27.4	1 054.3	822.7	85.9	145.7	5	5		
3823	Process control instruments	51.8	2 434.8	1 974.7	183.3	276.8	52.2	2 374.3	1 922.3	173.9	278.1	5	5		
3824	Fluid meters and counting devices	16.2	804.6	615.3	60.8	128.5	16.5	819.4	627.6	61.3	130.5	6	5		
3825	Instruments to measure electricity	63.2	3 300.0	2 719.9	237.6	342.5	62.3	3 193.1	2 610.6	232.0	350.5	5	5		
3826	Analytical instruments	40.8	2 059.3	1 650.0	144.7	264.6	40.2	1 962.3	1 582.2	137.6	242.5	3	2		
3827	Optical instruments and lenses	19.0	931.0	756.7	67.6	106.7	19.2	908.5	743.5	62.7	102.3	5	5		
3829	Measuring and controlling devices, n.e.c.	37.0	1 721.1	1 395.4	143.5	182.2	35.9	1 617.9	1 307.0	135.2	175.7	5	7		
384	Medical instruments and supplies	268.4	12 190.6	9 956.7	893.4	1 340.5	264.5	11 543.8	9 375.0	833.6	1 335.2	3	3		
3841	Surgical and medical instruments	103.5	4 637.2	3 768.6	334.7	533.9	100.6	4 399.0	3 538.4	324.8	538.3	3	4		
3842	Surgical appliances and supplies	93.1	3 715.7	2 979.9	288.8	447.0	92.4	3 584.6	2 877.9	262.7	444.0	5	5		
3843	Dental equipment and supplies	16.4	638.4	514.0	49.1	75.3	16.5	623.1	504.7	46.4	72.0	7	9		
3844	X-ray apparatus and tubes	13.4	740.7	618.1	52.6	70.0	13.9	742.6	611.4	51.6	79.6	4	3		
3845	Electromedical equipment	42.0	2 458.7	2 076.2	168.3	214.2	41.1	2 194.4	1 842.6	148.1	203.7	8	7		
385	Ophthalmic goods	27.0	936.4	756.5	68.1	111.8	27.1	886.4	715.6	65.5	105.3	6	6		
3851	Ophthalmic goods	27.0	936.4	756.5	68.1	111.8	27.1	886.4	715.6	65.5	105.3	6	6		
386	Photographic equipment and supplies	60.7	3 547.3	2 798.1	258.5	490.7	61.1	3 423.9	2 714.9	226.1	482.9	4	5		
3861	Photographic equipment and supplies	60.7	3 547.3	2 798.1	258.5	490.7	61.1	3 423.9	2 714.9	226.1	482.9	4	5		
387	Watches, clocks, watchcases, and parts . .	6.3	209.1	169.0	15.1	25.0	6.8	213.8	172.1	16.5	25.2	6	6		
3873	Watches, clocks, watchcases, and parts . .	6.3	209.1	169.0	15.1	25.0	6.8	213.8	172.1	16.5	25.2	6	6		

See footnotes at end of table.

Table 3. Employment and Labor Costs for Operating Manufacturing Establishments by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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		
39	Miscellaneous manufacturing industries ..	397.3	12 192.3	10 041.7	1 019.1	1 131.5	392.3	11 785.3	9 683.4	991.7	1 110.2	4	4
391	Jewelry, silverware, and plated ware	43.3	1 274.1	1 070.3	100.4	103.4	43.1	1 258.7	1 061.1	96.1	101.5	8	11
3911	Jewelry, precious metal	29.4	844.0	718.9	65.9	61.2	30.1	860.6	732.0	64.6	64.0	10	15
3914	Silverware and plated ware	7.5	230.6	187.9	20.9	21.8	7.1	217.4	177.3	19.6	20.5	7	5
3915	Jewelers' materials and lapidary work ...	6.4	199.3	165.4	13.5	20.4	5.9	180.7	151.8	11.9	17.0	26	28
393	Musical instruments	12.9	398.3	327.9	34.1	36.3	12.8	378.7	312.7	32.0	34.0	10	11
3931	Musical instruments	12.9	398.3	327.9	34.1	36.3	12.8	378.7	312.7	32.0	34.0	10	11
394	Toys and sporting goods	102.9	3 057.4	2 488.9	252.2	316.3	106.5	3 095.2	2 522.2	262.3	310.7	3	3
3942	Dolls and stuffed toys	3.5	72.7	64.5	4.9	3.3	2.9	62.9	56.0	4.0	2.9	23	21
3944	Games, toys, and children's vehicles	33.3	1 009.3	798.5	93.5	117.3	35.8	1 078.7	868.0	95.1	115.6	5	4
3949	Sporting and athletic goods, n.e.c.	66.1	1 975.5	1 625.9	153.9	195.7	67.7	1 953.7	1 598.2	163.2	192.3	4	5
395	Pens, pencils, office, and art supplies	34.6	1 028.1	838.1	81.4	108.6	33.7	968.3	784.3	77.2	106.8	10	6
3951	Pens and mechanical pencils	8.0	290.7	232.8	25.8	32.1	8.1	289.3	232.1	25.4	31.8	12	14
3952	Lead pencils and art goods	7.3	211.6	161.9	15.9	33.8	7.2	210.0	159.2	16.8	34.0	11	6
3953	Marking devices	11.9	313.5	272.1	23.3	18.1	11.7	276.6	237.4	20.1	19.1	32	21
3955	Carbon paper and inked ribbons	7.5	212.3	171.3	16.4	24.6	6.8	192.3	155.5	14.9	21.9	2	2
396	Costume jewelry and notions	24.3	694.8	559.6	64.9	70.3	24.2	692.4	550.7	70.3	71.4	12	10
3961	Costume jewelry	16.2	452.3	368.9	43.7	39.7	16.1	454.4	361.2	51.9	41.3	16	12
3965	Fasteners, buttons, needles, and pins ...	8.1	242.3	190.7	21.1	30.5	8.1	238.1	189.5	18.4	30.2	14	17
399	Miscellaneous manufactures	179.3	5 739.6	4 756.8	486.2	496.6	171.9	5 391.9	4 452.5	453.8	485.6	7	9
3991	Brooms and brushes	15.8	454.1	372.0	38.3	43.8	15.5	447.2	365.1	38.5	43.6	13	11
3993	Signs and advertising specialties	76.8	2 481.5	2 081.3	218.1	182.1	73.6	2 354.0	1 973.4	200.4	180.2	7	8
3995	Burial caskets	7.7	250.8	206.2	20.9	23.7	7.7	252.3	205.0	22.3	25.0	7	6
3996	Hard surface floor coverings, n.e.c.	6.2	330.7	266.5	25.1	39.1	6.3	335.4	268.7	25.4	41.3	1	1
3999	Manufacturing industries, n.e.c.	72.8	2 222.5	1 830.8	183.8	207.9	68.8	2 003.0	1 640.4	167.1	195.5	17	18

¹Description 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: 1996 and 1995

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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		
	All industries	64 100.1	826 826.9	38 196.8	95 542.0	25 903.3	60 267.4	810 668.6	37 673.7	108 904.1	22 593.7	1	1
20	Food and kindred products	5 799.9	64 016.0	3 363.6	5 420.4	2 436.3	5 542.6	61 491.6	3 307.4	5 548.9	2 235.2	1	2
21	Tobacco products	122.7	1 568.5	74.8	(D)	47.9	116.6	1 560.5	74.0	(D)	42.6	1	1
22	Textile mill products	2 287.1	33 806.7	1 608.7	16.9	678.4	2 276.8	34 586.7	1 652.1	195.3	624.7	2	4
23	Apparel and other textile products	924.4	8 777.4	651.2	(S)	273.2	919.3	9 175.5	650.1	(S)	269.2	4	5
24	Lumber and wood products	1 845.6	23 283.4	1 193.2	646.7	652.4	1 794.8	23 065.1	1 174.7	634.5	620.1	2	3
25	Furniture and fixtures	579.5	6 864.7	429.8	(D)	149.7	561.4	6 812.3	423.9	(D)	137.5	2	4
26	Paper and allied products	6 262.6	73 107.9	3 011.4	46 586.3	3 251.2	5 920.9	73 771.1	3 046.7	46 324.7	2 874.2	1	1
27	Printing and publishing	1 613.8	19 468.6	1 246.7	(S)	367.1	1 561.3	19 154.1	1 217.9	(S)	343.4	3	3
28	Chemicals and allied products	11 651.0	158 435.0	5 711.9	24 616.8	5 939.1	10 033.5	150 953.8	5 379.8	32 790.5	4 653.7	1	3
29	Petroleum and coal products	4 242.8	35 511.0	1 487.0	10 863.5	2 755.8	3 745.5	34 431.7	1 449.8	12 957.6	2 295.7	1	1
30	Rubber and miscellaneous plastics products ..	3 191.6	46 972.2	2 561.0	(D)	630.6	3 108.1	46 196.3	2 534.6	(D)	573.5	1	2
31	Leather and leather products	85.9	830.8	55.0	(D)	30.9	90.3	874.7	59.5	(D)	30.8	8	13
32	Stone, clay, and glass products	3 801.3	37 306.0	1 781.6	212.6	2 019.7	3 551.8	36 232.8	1 739.0	488.7	1 812.8	2	6
33	Primary metal industries	8 319.8	144 305.3	5 043.3	6 558.6	3 276.5	8 025.2	141 241.1	5 103.8	8 726.4	2 924.1	1	1
34	Fabricated metal products	3 273.1	36 751.5	2 243.5	40.8	1 029.6	3 107.3	35 382.5	2 163.9	167.0	943.4	2	3
35	Industrial machinery and equipment	2 882.3	37 766.1	2 223.6	(D)	658.7	2 792.8	36 891.6	2 161.5	(D)	631.3	2	3
36	Electronic and other electric equipment	2 605.0	36 861.1	2 078.7	(S)	526.3	2 540.8	36 396.3	2 048.8	(S)	492.0	5	3
37	Transportation equipment	2 985.7	41 561.9	2 162.1	(D)	823.6	2 950.5	42 555.7	2 205.0	(D)	745.5	1	2
38	Instruments and related products	1 132.3	14 137.4	913.2	(D)	219.1	1 136.3	14 386.7	929.2	(D)	207.1	2	3
39	Miscellaneous manufacturing industries	493.9	5 495.2	356.5	(S)	137.4	491.2	5 502.9	351.6	(S)	139.6	5	6

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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		
20	Food and kindred products	5 799.9	64 016.0	3 363.6	5 420.4	2 436.3	5 542.6	61 491.6	3 307.4	5 548.9	2 235.2	1	2
201	Meat products	884.6	12 548.0	613.9	44.9	270.7	828.3	11 590.2	580.1	83.4	248.2	3	3
2011	Meat packing plants	280.8	4 167.7	182.9	(D)	97.9	263.4	3 731.6	176.0	(D)	87.4	5	5
2013	Sausages and other prepared meats	250.0	3 233.0	179.6	(D)	70.4	235.0	3 063.3	164.7	(D)	70.3	5	4
2015	Poultry slaughtering and processing	353.7	5 147.3	251.4	(D)	102.3	329.9	4 795.3	239.5	(D)	90.4	3	3
202	Dairy products	632.0	7 260.6	401.0	(S)	231.0	617.6	7 142.7	403.0	(S)	214.6	3	8
2021	Creamery butter	7.8	86.0	4.2	—	3.6	7.9	84.1	4.2	—	3.7	1	3
2022	Cheese, natural and processed	182.3	2 085.2	102.3	—	80.0	167.7	1 925.0	97.3	—	70.4	3	4
2023	Dry, condensed, and evaporated dairy products	103.8	988.2	53.2	(D)	50.6	99.6	945.3	52.4	(D)	47.2	9	11
2024	Ice cream and frozen desserts	77.9	1 161.8	67.1	(D)	10.8	80.3	1 200.6	70.2	(D)	10.1	13	13
2026	Fluid milk	260.3	2 939.5	174.2	26.7	86.1	262.1	2 987.7	178.9	22.8	83.2	3	18
203	Preserved fruits and vegetables	804.2	8 988.7	459.3	423.0	344.9	817.8	8 449.3	451.2	460.7	366.6	3	3
2032	Canned specialties	86.1	790.3	46.4	(D)	39.7	79.8	734.8	43.1	(D)	36.7	4	6
2033	Canned fruits and vegetables	231.0	1 549.8	104.3	(D)	126.7	227.8	1 538.5	102.7	(D)	125.1	4	3
2034	Dehydrated fruits, vegetables, and soups	74.7	563.4	31.8	(S)	42.9	76.6	585.8	33.4	(S)	43.2	8	7
2035	Pickles, sauces, and salad dressings	54.5	485.5	31.3	(S)	23.2	59.5	536.5	33.7	(S)	25.8	23	26
2037	Frozen fruits and vegetables	240.9	3 946.6	154.7	(D)	86.2	260.2	3 468.8	149.7	(D)	110.5	4	6
2038	Frozen specialties, n.e.c.	117.2	1 653.3	90.9	(D)	26.3	114.0	1 584.9	88.6	(D)	25.4	5	3
204	Grain mill products	1 142.1	14 420.2	683.0	(D)	459.1	1 062.6	13 701.9	680.2	(D)	382.4	2	5
2041	Flour and other grain mill products	121.5	2 047.6	104.1	(D)	17.4	137.3	2 340.8	121.8	(D)	15.5	3	8
2043	Cereal breakfast foods	88.1	1 044.4	49.8	(D)	38.3	85.0	1 057.7	51.9	(D)	33.1	4	2
2044	Rice milling	31.3	492.6	23.7	(D)	7.6	31.5	507.0	24.9	(D)	6.6	7	8
2045	Prepared flour mixes and doughs	56.3	768.3	40.8	6	15.5	45.9	625.7	35.6	—	10.3	5	8
2046	Wet corn milling	545.0	6 438.5	260.0	2 126.0	285.0	483.5	5 635.1	243.2	1 823.2	240.3	1	1
2047	Dog and cat food	101.3	986.6	53.3	(D)	48.0	82.2	839.4	48.7	(D)	33.5	4	5
2048	Prepared feeds, n.e.c.	198.8	2 642.3	151.4	(D)	47.4	197.2	2 696.2	154.1	(D)	43.1	6	45
205	Bakery products	425.5	3 977.5	241.1	(D)	184.4	415.8	4 016.2	242.2	(D)	173.6	2	3
2051	Bread, cake, and related products	276.4	2 416.5	150.1	10.6	126.3	275.5	2 478.5	154.2	32.9	121.3	2	3
2052	Cookies and crackers	106.9	1 014.2	59.2	(D)	47.7	98.6	977.7	56.7	(D)	41.9	2	5
2053	Frozen bakery products, except bread	42.2	546.9	31.8	28.8	10.4	41.8	560.0	31.4	32.4	10.4	10	15
206	Sugar and confectionery products	423.8	2 863.4	176.7	1 523.6	247.1	415.0	2 884.3	171.0	1 609.0	244.0	4	13
2061	Raw cane sugar	25.6	100.5	8.3	263.4	17.3	25.4	102.6	7.4	270.0	18.0	14	12
2062	Cane sugar refining	34.4	87.1	6.4	411.3	28.0	42.8	110.7	8.1	450.6	34.7	3	70
2063	Beet sugar	164.0	472.6	22.3	691.6	141.7	160.1	454.9	20.5	778.1	139.6	2	18
2064	Candy and other confectionery products and industry 2067, chewing gum	129.3	1 489.1	89.3	(D)	40.0	120.5	1 461.3	87.0	(D)	33.5	3	5
2066	Chocolate and cocoa products	41.2	470.3	28.4	(D)	12.8	38.8	470.4	28.2	(D)	10.6	3	4
2068	Salted and roasted nuts and seeds	29.4	243.7	22.0	(D)	7.4	27.5	284.4	19.7	(D)	7.8	23	16
207	Fats and oils	456.1	3 742.4	179.5	494.3	276.6	418.9	3 685.9	178.3	391.5	240.6	2	3
2074	Cottonseed oil mills	40.4	525.6	28.0	—	12.4	38.9	504.6	27.3	—	11.6	8	11
2075	Soybean oil mills	215.9	1 837.1	77.0	471.9	138.9	198.3	1 824.0	77.4	368.1	120.9	1	1
2076	Vegetable oil mills, n.e.c.	11.0	110.6	5.5	(D)	5.5	10.6	118.3	5.7	(D)	4.9	1	1
2077	Animal and marine fats and oils	135.4	780.5	45.7	(D)	89.7	124.3	760.5	44.1	(D)	80.2	4	8
2079	Edible fats and oils, n.e.c.	53.3	488.6	23.2	(D)	30.1	46.8	478.5	23.8	(D)	23.0	11	12
208	Beverages	584.2	5 994.9	344.7	375.2	239.5	537.1	5 883.8	342.4	648.4	194.7	2	3
2082	Malt beverages	228.6	2 527.8	121.6	390.7	107.0	203.9	2 411.0	118.9	619.4	85.0	1	2
2083	Malt	43.3	469.1	17.2	(D)	26.1	40.1	496.9	18.2	(D)	21.9	4	8
2084	Wines, brandy, and brandy spirits	49.7	405.6	39.7	(D)	10.0	49.5	376.5	39.3	(D)	10.2	11	15
2085	Distilled and blended liquors	24.1	235.8	11.5	—	12.6	24.2	243.2	12.1	—	12.1	6	6
2086	Bottled and canned soft drinks	204.7	2 026.7	131.7	1.6	73.0	184.8	2 048.5	133.4	20.6	51.4	4	4
2087	Flavoring extracts and syrups, n.e.c.	33.7	329.9	22.9	(S)	10.8	34.6	307.6	20.5	—	14.1	6	39
209	Miscellaneous food and kindred products	447.4	4 220.3	264.3	161.4	183.1	429.4	4 137.3	258.9	267.9	170.5	4	6
2091	Canned and cured fish and seafoods	5.1	65.3	5.4	(D)	-3	5.1	73.4	5.6	(D)	-5	11	—
2092	Fresh or frozen prepared fish	88.1	771.1	52.3	(D)	35.8	91.9	756.9	52.6	(D)	39.3	11	15
2095	Roasted coffee	43.4	423.9	24.2	—	19.2	41.1	382.3	23.1	1.1	18.0	2	3
2096	Potato chips and similar snacks	93.9	779.9	39.5	(D)	54.4	86.7	775.0	39.0	(D)	47.7	6	6
2097	Manufactured ice	16.7	188.6	13.7	—	3.0	14.8	203.8	12.3	—	2.5	38	15
2098	Macaroni and spaghetti	23.1	271.5	16.6	(D)	6.5	22.5	273.3	16.8	(D)	5.7	1	1
2099	Food preparations, n.e.c.	177.2	1 719.9	112.7	(D)	64.5	167.3	1 672.5	109.5	(D)	57.8	4	7
21	Tobacco products	122.7	1 568.5	74.8	(D)	47.9	116.6	1 560.5	74.0	(D)	42.6	1	1
211	Cigarettes	79.0	1 168.0	48.7	(D)	30.3	73.4	1 108.8	46.6	(D)	26.8	1	1
2111	Cigarettes	79.0	1 168.0	48.7	(D)	30.3	73.4	1 108.8	46.6	(D)	26.8	1	1
212	Cigars	3.2	39.4	2.5	—	.7	2.8	35.8	2.2	—	.6	8	4
2121	Cigars	3.2	39.4	2.5	—	.7	2.8	35.8	2.2	—	.6	8	4
213	Chewing and smoking tobacco	6.0	71.2	4.0	—	2.0	7.0	85.4	4.4	—	2.6	7	7
2131	Chewing and smoking tobacco	6.0	71.2	4.0	—	2.0	7.0	85.4	4.4	—	2.6	7	7
214	Tobacco stemming and redrying	34.5	289.9	19.6	(D)	14.9	33.2	330.5	20.7	(D)	12.5	1	1
2141	Tobacco stemming and redrying	34.5	289.9	19.6	(D)	14.9	33.2	330.5	20.7	(D)	12.5	1	1

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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		
22	Textile mill products	2 287.1	33 806.7	1 608.7	16.9	678.4	2 276.8	34 586.7	1 652.1	195.3	624.7	2	4
221	Broadwoven fabric mills, cotton	248.2	4 525.3	198.8	10.4	49.4	253.7	4 559.7	206.6	89.2	47.1	8	6
2211	Broadwoven fabrics mills, cotton	248.2	4 525.3	198.8	10.4	49.4	253.7	4 559.7	206.6	89.2	47.1	8	6
222	Broadwoven fabric mills, manmade fiber and silk	329.9	6 562.6	276.2	(D)	53.7	348.4	7 308.2	298.3	(D)	50.1	4	12
2221	Broadwoven fabrics mills, manmade fiber and silk	329.9	6 562.6	276.2	(D)	53.7	348.4	7 308.2	298.3	(D)	50.1	4	12
223	Broadwoven fabric mills, wool	44.6	490.3	30.0	(D)	14.6	47.2	527.7	32.4	(D)	14.8	3	3
2231	Broadwoven fabrics mills, wool	44.6	490.3	30.0	(D)	14.6	47.2	527.7	32.4	(D)	14.8	3	3
224	Narrow fabric mills	38.2	482.9	31.7	(D)	6.5	38.8	534.5	32.9	(D)	5.9	13	21
2241	Narrow fabrics mills	38.2	482.9	31.7	(D)	6.5	38.8	534.5	32.9	(D)	5.9	13	21
225	Knitting mills	385.1	4 264.2	234.2	(D)	150.9	391.7	4 325.3	240.6	(D)	151.1	3	4
2251	Women's hosiery, except socks	32.9	447.1	25.5	—	7.4	37.0	510.6	29.9	—	7.1	8	10
2252	Hosiery, n.e.c.	61.0	749.1	42.2	(S)	18.8	54.0	706.0	39.2	—	14.8	4	16
2253	Knit outerwear mills	55.6	602.6	32.7	—	22.9	59.7	626.5	35.0	—	24.7	4	6
2254	Knit underwear mills	14.4	177.1	9.0	(S)	5.4	14.7	204.2	10.1	—	4.6	7	7
2257	Welt knit fabrics mills	141.5	1 482.5	75.4	(D)	66.1	151.5	1 504.9	79.1	(D)	72.4	6	7
2258	Lace and warp knit fabrics mills	76.3	764.2	46.6	(S)	29.7	71.5	727.6	44.6	—	26.9	5	6
2259	Knitting mills, n.e.c.	3.2	41.7	2.6	—	.6	3.3	45.6	2.7	—	.6	5	8
226	Textile finishing, except wool	326.0	2 759.5	157.7	96.9	168.3	300.1	2 638.4	149.1	128.5	151.0	10	12
2261	Finishing plants, cotton	134.3	1 123.8	63.6	(D)	70.7	112.7	949.8	53.0	(D)	59.7	12	7
2262	Finishing plants, manmade	142.5	1 154.8	66.4	(D)	76.1	136.4	1 138.2	67.1	(D)	69.3	10	4
2269	Finishing plants, n.e.c.	49.2	480.9	27.7	(D)	21.5	51.0	550.5	29.0	(D)	22.0	46	89
227	Carpets and rugs	169.1	1 883.9	91.5	(D)	77.6	160.5	1 709.0	86.9	(D)	73.6	2	2
2273	Carpets and rugs	169.1	1 883.9	91.5	(D)	77.6	160.5	1 709.0	86.9	(D)	73.6	2	2
228	Yarn and thread mills	458.9	9 104.9	402.5	(D)	56.4	452.6	9 075.3	410.5	(D)	42.1	4	19
2281	Yarn spinning mills	349.0	7 050.5	307.9	(D)	41.1	338.0	6 933.9	311.4	(D)	26.6	4	26
2282	Throwing and winding mills	82.0	1 614.9	73.5	(D)	8.5	86.1	1 712.6	77.7	(D)	8.4	6	15
2284	Thread mills	27.9	439.5	21.2	—	6.7	28.4	428.8	21.4	—	7.0	2	2
229	Miscellaneous textile goods	287.1	3 733.3	186.1	(D)	101.0	283.8	3 908.6	194.8	(D)	89.0	7	12
2295	Coated fabrics, not rubberized	53.7	433.1	28.8	—	24.9	45.2	429.5	26.4	—	18.8	18	20
2296	Tire cord and fabrics	33.6	585.3	25.8	—	7.8	32.8	607.8	26.5	—	6.3	1	1
2297	Nonwoven fabrics	131.7	1 859.9	80.6	(D)	51.1	136.8	1 980.9	89.4	(D)	47.4	12	20
2298	Cordage and twine	13.6	197.5	11.5	—	2.1	15.4	222.4	13.1	—	2.3	9	14
2299	Textile goods, n.e.c.	54.6	661.5	39.4	(Z)	15.2	53.8	668.0	39.5	(Z)	14.3	11	27
23	Apparel and other textile products	924.4	8 777.4	651.2	(S)	273.2	919.3	9 175.5	650.1	(S)	269.2	4	5
231	Men's and boys' suits and coats	20.4	185.3	14.4	(S)	6.0	25.9	244.4	18.7	(S)	7.2	16	21
2311	Men's and boys' suits and coats	20.4	185.3	14.4	(S)	6.0	25.9	244.4	18.7	(S)	7.2	16	21
232	Men's and boys' furnishings	146.2	1 637.9	105.9	(S)	40.3	155.4	1 825.5	114.5	(S)	40.9	8	11
2321	Men's and boys' shirts	42.4	495.6	29.8	(S)	12.6	48.1	599.2	34.5	(S)	13.6	14	16
2322	Men's and boys' underwear and nightwear	4.7	64.4	3.7	—	1.0	4.4	69.1	3.9	—	.5	28	41
2323	Men's and boys' neckwear	2.5	27.0	2.0	—	.5	2.5	29.0	2.1	—	.4	17	24
2325	Men's and boys' trousers and slacks	58.7	602.1	40.5	—	18.2	54.2	577.0	38.3	—	15.9	12	15
2326	Men's and boys' work clothing	12.3	154.7	10.4	—	1.9	14.0	168.8	11.5	—	2.5	33	89
2329	Men's and boys' clothing, n.e.c.	25.6	294.0	19.5	—	6.1	32.0	382.4	24.1	—	7.9	18	30
233	Women's and misses' outerwear	457.1	3 560.4	311.0	(S)	146.1	443.9	3 694.3	303.9	(S)	140.0	4	5
2331	Women's, misses', and juniors' blouses and shirts	26.1	252.7	18.4	.1	7.7	31.4	298.0	21.3	—	10.1	12	17
2335	Women's, misses', and juniors' dresses	217.5	1 648.7	145.5	(S)	72.0	207.6	1 684.5	141.9	(S)	65.7	6	7
2337	Women's, misses', and juniors' suits and coats	23.3	201.5	16.8	(S)	6.5	26.3	222.7	18.3	(S)	8.0	10	12
2339	Women's, misses', and juniors' outerwear, n.e.c.	190.2	1 457.5	130.3	(S)	59.9	178.6	1 489.1	122.4	(S)	56.2	6	6
234	Women's and children's undergarments	25.1	340.0	21.4	(D)	3.7	29.3	367.5	24.2	(D)	5.1	13	35
2341	Women's and children's underwear	17.7	243.9	15.1	(S)	2.6	20.7	261.5	17.0	—	3.7	17	48
2342	Brassieres, girdles, and allied garments	7.4	96.1	6.3	(D)	1.1	8.5	106.1	7.2	(D)	1.3	16	26
235	Hats, caps, and millinery	13.0	117.4	7.9	—	5.1	12.8	115.8	7.3	—	5.5	11	10
2353	Hats, caps, and millinery	13.0	117.4	7.9	—	5.1	12.8	115.8	7.3	—	5.5	11	10
236	Girls' and children's outerwear	15.2	188.4	15.0	(D)	.2	19.9	277.0	15.9	(D)	4.0	83	(A)
2361	Girls' and children's dresses and blouses	10.8	110.1	10.6	(D)	.2	13.7	133.6	9.8	(D)	3.9	54	(A)
2369	Girls' and children's outerwear, n.e.c.	4.4	78.3	4.4	—	(Z)	6.1	143.4	6.1	—	(Z)	(A)	(X)
237	Fur goods	.5	5.0	.4	—	.1	.5	5.5	.4	—	.1	86	(A)
2371	Fur goods	.5	5.0	.4	—	.1	.5	5.5	.4	—	.1	86	(A)
238	Miscellaneous apparel and accessories	20.4	214.2	15.8	—	4.6	18.5	216.3	14.5	—	4.0	14	18
2381	Fabrics dress and work gloves	2.8	34.0	2.1	—	.7	3.0	38.3	2.3	—	.7	6	12
2384	Robes and dressing gowns	2.6	28.0	1.9	—	.7	3.2	32.2	2.2	—	1.0	10	16
2385	Waterproof outerwear	2.3	22.6	1.5	—	.8	2.6	27.5	1.8	—	.8	8	11
2386	Leather and sheep-lined clothing	.5	3.4	.2	—	.3	.8	18.4	.5	—	.3	(A)	53
2387	Apparel belts	6.1	50.3	4.5	—	1.6	3.3	26.1	2.6	—	.7	28	39
2389	Apparel and accessories, n.e.c.	6.0	75.8	5.5	—	.5	5.6	73.7	5.2	—	.4	28	(A)
239	Miscellaneous fabricated textile products	226.6	2 528.8	159.5	(D)	67.1	213.3	2 429.3	150.8	(D)	62.5	5	7
2391	Curtains and draperies	13.3	167.8	10.6	—	2.7	13.3	170.3	10.6	—	2.7	16	44
2392	Housefurnishings, n.e.c.	58.6	640.1	40.4	(D)	18.2	51.4	594.8	35.7	(D)	15.7	9	9
2393	Textile bags	6.8	92.5	5.7	(S)	1.1	7.3	95.8	5.9	(S)	1.4	8	37
2394	Canvas and related products	11.8	98.9	6.5	(S)	5.3	12.7	109.7	7.1	(S)	5.6	14	15
2395	Pleating and stitching	13.0	134.9	9.2	—	3.8	12.4	130.6	8.8	—	3.6	8	29
2396	Automotive and apparel trimmings	72.7	828.2	50.4	2.0	22.3	69.6	778.5	48.1	1.7	21.5	9	12
2397	Schiffli machine embroideries	5.9	39.0	3.0	—	2.9	4.9	34.8	2.7	—	2.2	3	19
2399	Fabricated textile products, n.e.c.	44.6	527.4	33.8	(S)	10.8	41.8	514.8	31.9	(S)	9.9	13	17

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (percent) for column—	
		Cost of purchased fuels and electric energy (million dollars)	Electric energy			Cost of purchased fuels and electric energy (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		
24	Lumber and wood products	1 845.6	23 283.4	1 193.2	646.7	652.4	1 794.8	23 065.1	1 174.7	634.5	620.1	2	3
241	Logging	228.9	401.4	21.4	14.8	207.5	233.0	460.1	23.4	16.3	209.6	6	5
2411	Logging	228.9	401.4	21.4	14.8	207.5	233.0	460.1	23.4	16.3	209.6	6	5
242	Sawmills and planing mills	608.3	8 738.6	457.3	(D)	151.0	606.0	8 910.6	460.6	(D)	145.4	3	11
2421	Sawmills and planing mills, general	546.7	7 728.0	406.7	473.3	140.0	544.5	7 913.8	409.2	453.5	135.3	4	11
2426	Hardwood dimension and flooring mills	58.7	978.9	48.7	(D)	10.0	58.7	964.4	49.5	(D)	9.2	12	15
2429	Special product sawmills, n.e.c.	2.9	33.6	1.9	—	1.0	2.9	32.4	1.9	—	1.0	19	36
243	Millwork, plywood, and structural members ..	447.8	6 427.1	332.2	51.9	115.6	438.8	6 439.3	327.8	61.7	111.0	3	4
2431	Millwork	121.6	1 627.2	95.0	(D)	26.6	116.7	1 568.7	92.4	(D)	24.3	3	8
2434	Wood kitchen cabinets	73.6	822.7	52.7	(D)	20.9	71.5	828.5	51.6	(D)	19.9	4	8
2435	Hardwood veneer and plywood	49.7	677.8	37.9	(D)	11.8	50.8	699.1	38.9	(D)	11.9	8	8
2436	Softwood veneer and plywood	163.4	2 815.0	119.8	(D)	43.6	164.5	2 892.4	120.7	(D)	43.8	5	8
2439	Structural wood members, n.e.c.	39.4	484.3	26.8	—	12.6	35.3	450.7	24.2	—	11.1	6	10
244	Wood containers	66.1	771.7	47.1	(D)	19.0	64.0	781.6	46.2	(D)	17.8	4	11
2441	Nailed wood boxes and shooks	8.1	75.8	5.3	—	2.8	7.5	81.5	5.6	—	1.9	7	21
2448	Wood pallets and skids	51.9	595.9	36.4	(D)	15.5	50.9	607.5	35.7	(D)	15.2	5	13
2449	Wood containers, n.e.c.	6.2	100.1	5.5	—	.7	5.6	92.6	4.9	—	.7	9	62
245	Wood buildings and mobile homes	45.7	518.5	33.3	(D)	12.4	42.6	506.6	32.0	(D)	10.6	3	5
2451	Mobile homes	31.9	362.8	24.2	(D)	7.7	29.3	357.7	23.0	(D)	6.3	4	5
2452	Prefabricated wood buildings	13.8	155.7	9.1	—	4.7	13.3	148.9	9.0	—	4.3	6	9
249	Miscellaneous wood products	448.8	6 426.1	301.9	(D)	146.9	410.3	5 966.8	284.7	(D)	125.6	2	3
2491	Wood preserving	41.3	334.2	19.3	(D)	22.0	42.0	344.0	19.7	(D)	22.3	10	8
2493	Reconstituted wood products	336.4	5 243.8	230.2	(D)	106.2	296.8	4 769.2	212.6	(D)	84.2	1	1
2499	Wood products, n.e.c.	71.1	848.1	52.3	(D)	18.8	71.3	853.6	52.3	(D)	19.0	5	15
25	Furniture and fixtures	579.5	6 864.7	429.8	(D)	149.7	561.4	6 812.3	423.9	(D)	137.5	2	4
251	Household furniture	276.4	3 608.6	221.5	(D)	54.9	267.7	3 528.6	215.0	(D)	52.7	3	5
2511	Wood household furniture	166.5	2 293.2	138.7	1.5	27.8	159.1	2 202.6	133.4	7.8	25.7	4	9
2512	Upholstered household furniture	52.7	651.6	41.7	(D)	11.0	52.6	661.2	40.6	(D)	12.0	5	8
2514	Metal household furniture	22.8	202.1	14.9	—	7.9	24.2	248.8	16.3	—	7.9	13	13
2515	Mattresses and bedsprings	19.9	200.1	14.3	(S)	5.6	17.9	184.8	12.9	—	5.0	6	7
2517	Wood television and radio cabinets	5.2	59.4	4.0	—	1.2	4.9	60.0	3.8	—	1.1	6	8
2519	Household furniture, n.e.c.	9.3	162.1	8.0	(D)	1.3	8.8	171.2	7.9	(D)	.9	26	23
252	Office furniture	109.6	1 243.2	76.2	(D)	33.4	113.1	1 349.3	83.3	(D)	29.8	3	5
2521	Wood office furniture	36.0	410.6	26.1	—	9.9	35.7	405.2	26.2	(Z)	9.5	5	6
2522	Office furniture, except wood	73.6	832.6	50.1	(D)	23.5	77.4	944.1	57.1	(D)	20.3	3	6
253	Public building and related furniture	35.8	481.7	27.6	(D)	8.2	32.8	433.3	24.6	(D)	8.2	12	16
2531	Public building and related furniture	35.8	481.7	27.6	(D)	8.2	32.8	433.3	24.6	(D)	8.2	12	16
254	Partitions and fixtures	106.2	1 012.1	69.8	(S)	36.4	98.7	990.9	66.9	—	31.8	6	9
2541	Wood partitions and fixtures	44.2	436.8	29.5	(S)	14.7	43.0	445.0	30.5	—	12.5	8	13
2542	Partitions and fixtures, except wood	61.9	575.2	40.2	—	21.7	55.8	545.8	36.5	—	19.3	9	11
259	Miscellaneous furniture and fixtures	51.5	519.1	34.7	(S)	16.8	49.2	510.2	34.1	(S)	15.1	7	8
2591	Drapery hardware and blinds and shades ..	14.6	159.3	10.7	(S)	3.9	16.4	188.7	12.1	(S)	4.3	7	12
2599	Furniture and fixtures, n.e.c.	36.9	359.9	24.0	—	12.9	32.7	321.4	22.0	—	10.7	10	10
26	Paper and allied products	6 262.6	73 107.9	3 011.4	46 586.3	3 251.2	5 920.9	73 771.1	3 046.7	46 324.7	2 874.2	1	1
261	Pulp mills	365.4	3 070.3	117.5	6 442.4	247.9	339.1	3 353.4	126.1	6 506.8	213.0	2	1
2611	Pulp mills	365.4	3 070.3	117.5	6 442.4	247.9	339.1	3 353.4	126.1	6 506.8	213.0	2	1
262	Paper mills	2 916.3	36 803.8	1 348.8	22 934.9	1 567.5	2 758.4	37 477.5	1 365.5	23 127.0	1 392.9	1	2
2621	Paper mills	2 916.3	36 803.8	1 348.8	22 934.9	1 567.5	2 758.4	37 477.5	1 365.5	23 127.0	1 392.9	1	2
263	Paperboard mills	1 698.4	17 262.8	645.4	17 175.4	1 053.0	1 602.4	17 324.3	675.8	16 640.9	926.6	4	2
2631	Paperboard mills	1 698.4	17 262.8	645.4	17 175.4	1 053.0	1 602.4	17 324.3	675.8	16 640.9	926.6	4	2
265	Paperboard containers and boxes	531.8	5 672.0	350.8	(D)	181.0	501.5	5 523.3	340.8	(D)	160.7	2	4
2652	Setup paperboard boxes	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
2653	Corrugated and solid fiber boxes	349.6	3 303.1	211.6	(D)	138.0	326.5	3 200.0	204.4	(D)	122.1	3	5
2655	Fiber cans, drums, and similar products ..	25.3	275.3	17.9	(D)	7.4	25.4	277.8	18.4	(D)	7.0	3	2
2656	Sanitary food containers	39.9	632.3	32.7	(D)	7.2	39.3	622.4	33.2	(D)	6.1	2	2
2657	Folding paperboard boxes	110.7	1 351.4	84.9	(D)	25.8	104.2	1 316.0	81.1	(D)	23.1	4	5
267	Miscellaneous converted paper products	750.7	10 299.1	548.8	(D)	201.9	719.7	10 092.7	538.7	(D)	181.0	2	3
2671	Paper coated and laminated, packaging ..	75.4	983.6	51.9	(D)	23.5	71.4	946.1	50.8	(D)	20.6	5	10
2672	Paper coated and laminated, n.e.c.	143.7	1 391.1	80.2	(D)	63.5	135.5	1 322.8	77.1	(D)	58.4	2	2
2673	Bags: plastics, laminated, and coated	157.2	2 628.4	140.1	(D)	17.1	152.8	2 563.8	136.5	(D)	16.3	4	9
2674	Bags: uncoated paper and multiwall	30.5	475.4	24.7	(D)	5.8	29.6	459.5	24.2	(D)	5.4	1	1
2675	Die-cut paper and board	23.1	272.6	17.7	—	5.4	23.1	286.2	18.2	—	4.9	5	7
2676	Sanitary paper products	137.8	2 396.1	104.8	(D)	33.0	130.2	2 350.0	104.8	(D)	25.4	2	5
2677	Envelopes	50.1	627.7	42.0	—	8.1	48.4	623.2	40.9	—	7.5	5	21
2678	Stationery products	11.5	142.5	9.1	—	2.4	11.8	142.9	9.2	—	2.6	5	4
2679	Converted paper products, n.e.c.	121.4	1 381.7	78.3	(D)	43.1	116.9	1 398.1	76.9	(D)	40.0	4	5

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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		
27	Printing and publishing	1 613.8	19 468.6	1 246.7	(S)	367.1	1 561.3	19 154.1	1 217.9	(S)	343.4	3	3
271	Newspapers	306.9	3 709.4	253.1	(S)	53.8	306.8	3 823.7	255.7	(S)	51.1	2	4
2711	Newspapers	306.9	3 709.4	253.1	(S)	53.8	306.8	3 823.7	255.7	(S)	51.1	2	4
272	Periodicals	43.4	454.9	33.7	—	9.7	40.7	428.3	32.4	—	8.3	6	13
2721	Periodicals	43.4	454.9	33.7	—	9.7	40.7	428.3	32.4	—	8.3	6	13
273	Books	103.7	1 313.8	75.7	—	28.0	101.6	1 246.0	73.8	—	27.8	4	12
2731	Book publishing	32.1	340.7	24.5	—	7.6	33.3	336.7	24.3	—	9.0	4	8
2732	Book printing	71.6	973.0	51.2	—	20.4	68.4	909.3	49.6	—	18.8	5	16
274	Miscellaneous publishing	33.0	354.7	25.3	—	7.7	31.8	342.2	24.2	—	7.6	5	7
2741	Miscellaneous publishing	33.0	354.7	25.3	—	7.7	31.8	342.2	24.2	—	7.6	5	7
275	Commercial printing	929.3	11 226.3	707.4	(S)	221.9	889.7	10 903.9	679.3	—	210.4	5	3
2752	Commercial printing, lithographic	688.3	8 346.2	534.0	(S)	154.3	670.2	8 195.0	519.7	—	150.5	7	3
2754	Commercial printing, gravure	85.7	1 182.0	57.3	—	28.4	84.5	1 226.0	60.0	—	24.5	4	4
2759	Commercial printing, n.e.c.	155.3	1 698.1	116.1	—	39.2	135.0	1 482.9	99.6	—	35.4	8	7
276	Manifold business forms	60.8	862.0	51.4	—	9.4	58.8	859.9	51.0	—	7.8	7	7
2761	Manifold business forms	60.8	862.0	51.4	—	9.4	58.8	859.9	51.0	—	7.8	7	7
277	Greeting cards	17.7	296.6	15.1	—	2.6	17.0	287.6	14.8	—	2.2	5	4
2771	Greeting cards	17.7	296.6	15.1	—	2.6	17.0	287.6	14.8	—	2.2	5	4
278	Blankbooks and bookbinding	60.2	682.1	45.2	—	15.0	60.2	651.6	44.5	—	15.7	5	6
2782	Blankbooks and looseleaf binders	34.2	419.2	26.0	—	8.2	34.9	396.2	26.1	—	8.8	4	6
2789	Bookbinding and related work	26.0	262.9	19.2	—	6.8	25.3	255.4	18.4	—	6.9	10	10
279	Printing trade services	58.8	568.9	39.8	—	19.0	54.6	611.0	42.1	—	12.5	10	30
2791	Typesetting	16.4	178.2	12.7	—	3.7	15.8	183.7	13.1	—	2.7	11	27
2796	Platemaking services	42.4	390.7	27.1	—	15.3	38.8	427.3	29.0	—	9.8	13	37
28	Chemicals and allied products	11 651.0	158 435.0	5 711.9	24 616.8	5 939.1	10 033.5	150 953.8	5 379.8	32 790.5	4 653.7	1	3
281	Industrial inorganic chemicals	2 920.6	76 147.7	2 140.5	3 957.9	780.1	2 681.6	72 161.7	2 039.7	4 685.2	641.9	2	4
2812	Alkalies and chlorine	556.1	14 357.0	412.6	(D)	143.5	495.7	13 774.3	373.4	(D)	122.3	4	4
2813	Industrial gases	756.4	18 099.0	670.4	(D)	86.0	808.8	19 794.2	733.2	(D)	75.6	2	1
2816	Inorganic pigments	184.5	2 408.8	90.7	(D)	93.8	171.6	2 490.0	95.1	(D)	76.5	1	1
2819	Industrial inorganic chemicals, n.e.c.	1 423.6	41 282.9	966.8	842.5	456.8	1 205.5	36 103.2	838.0	1 310.1	367.5	2	6
282	Plastics materials and synthetics	2 189.6	28 308.8	1 093.5	3 033.7	1 096.1	1 976.3	27 577.5	1 061.1	4 863.4	915.2	1	1
2821	Plastics materials and resins	1 379.4	18 699.7	727.1	1 482.9	652.3	1 232.9	18 083.4	689.9	3 206.3	543.0	1	1
2822	Synthetic rubber	254.2	2 264.3	92.5	(D)	161.7	204.3	2 195.1	85.1	(D)	119.2	1	1
2823	Cellulosic manmade fibers	69.5	419.7	14.7	(D)	54.8	70.7	414.9	15.1	(D)	55.6	1	1
2824	Organic fibers, noncellulosic	486.4	6 925.2	259.2	1 024.8	227.2	468.5	6 884.2	271.1	1 027.4	197.4	1	2
283	Drugs	738.2	8 522.7	505.2	(D)	233.0	675.3	8 056.2	471.8	(D)	203.5	6	4
2833	Medicinals and botanicals	157.0	1 806.4	88.2	(D)	68.8	124.1	1 566.7	72.4	(D)	51.7	2	2
2834	Pharmaceutical preparations	435.5	4 935.3	306.1	474.1	129.4	415.5	4 768.9	295.1	509.0	120.4	8	6
2835	Diagnostic substances	95.4	1 195.0	72.0	63.9	23.4	88.0	1 149.6	67.0	68.0	21.0	11	7
2836	Biological products, except diagnostic	50.3	585.9	38.9	35.1	11.4	47.7	570.9	37.3	37.0	10.4	3	4
284	Soaps, cleaners, and toilet goods	362.4	3 621.2	208.6	(D)	153.8	319.6	3 295.6	191.5	(D)	128.1	5	4
2841	Soap and other detergents	98.5	1 061.4	57.2	(D)	41.3	97.2	954.1	52.2	(D)	45.0	9	10
2842	Polishes and sanitation goods	44.2	452.2	28.3	(D)	15.9	42.5	452.1	28.9	(D)	13.6	8	19
2843	Surface active agents	127.0	1 008.3	51.2	(S)	75.8	94.5	870.9	43.0	(S)	51.5	6	2
2844	Toilet preparations	92.7	1 099.4	71.9	—	20.8	85.3	1 018.4	67.4	(Z)	17.9	11	16
285	Paints and allied products	108.4	1 111.9	68.8	(D)	39.6	105.5	1 090.0	67.2	(D)	38.3	25	8
2851	Paints and allied products	108.4	1 111.9	68.8	(D)	39.6	105.5	1 090.0	67.2	(D)	38.3	25	8
286	Industrial organic chemicals	3 929.7	27 760.2	1 117.1	14 684.9	2 812.6	3 127.0	26 686.5	997.0	19 939.9	2 130.0	2	2
2861	Gum and wood chemicals	26.1	204.7	8.6	(D)	17.5	23.2	192.6	8.1	(D)	15.1	11	10
2865	Cyclic crudes and intermediates	554.8	4 622.3	199.5	(D)	355.3	406.6	4 237.2	174.2	(D)	232.4	1	1
2869	Industrial organic chemicals, n.e.c.	3 348.6	22 933.2	908.9	14 242.0	2 439.7	2 697.1	22 256.7	814.7	19 236.9	1 882.4	2	2
287	Agricultural chemicals	984.7	8 851.2	354.3	2 090.7	630.4	736.4	7 990.3	325.4	2 151.3	411.0	5	22
2873	Nitrogenous fertilizers	636.4	4 145.2	154.1	575.9	482.3	447.3	3 909.7	150.3	532.1	297.0	10	28
2874	Phosphatic fertilizers	128.1	2 248.3	92.3	1 474.1	35.8	111.9	1 885.1	80.2	1 514.6	31.7	6	3
2875	Fertilizers, mixing only	42.9	555.4	22.6	(D)	20.3	31.7	372.0	17.0	(D)	14.7	13	14
2879	Agricultural chemicals, n.e.c.	177.2	1 902.4	85.2	(D)	92.0	145.5	1 823.6	77.9	(D)	67.6	4	2
289	Miscellaneous chemical products	417.7	4 111.3	224.0	244.4	193.7	411.8	4 096.0	226.1	290.8	185.7	3	3
2891	Adhesives and sealants	70.2	700.9	44.0	(D)	26.2	68.9	688.5	43.9	(D)	25.0	7	5
2892	Explosives	30.5	312.1	14.3	(D)	16.2	28.3	296.5	13.8	(D)	14.5	3	3
2893	Printing ink	29.7	355.6	24.4	—	5.3	29.5	362.9	24.5	—	5.0	11	33
2895	Carbon black	41.5	607.8	25.6	77.5	15.9	37.9	550.8	23.0	75.8	14.9	9	1
2899	Chemical preparations, n.e.c.	245.7	2 134.9	115.6	134.9	130.1	247.3	2 197.4	121.0	166.9	126.3	4	3
29	Petroleum and coal products	4 242.8	35 511.0	1 487.0	10 863.5	2 755.8	3 745.5	34 431.7	1 449.8	12 957.6	2 295.7	1	1
291	Petroleum refining	3 807.8	32 934.5	1 324.9	10 731.3	2 482.9	3 345.9	31 941.3	1 292.2	12 820.4	2 053.7	1	1
2911	Petroleum refining	3 807.8	32 934.5	1 324.9	10 731.3	2 482.9	3 345.9	31 941.3	1 292.2	12 820.4	2 053.7	1	1
295	Asphalt paving and roofing materials	349.5	1 840.5	123.7	(S)	225.8	319.6	1 797.4	120.4	(S)	199.2	5	5
2951	Asphalt paving mixtures and blocks	255.7	1 068.2	80.3	(D)	175.4	232.5	1 038.0	78.1	(D)	154.4	7	6
2952	Asphalt felts and coatings	93.7	772.3	43.3	(S)	50.4	87.1	759.4	42.3	(S)	44.8	5	6
299	Miscellaneous petroleum and coal products .	85.7	736.0	38.5	117.6	47.2	80.0	693.0	37.2	122.7	42.8	8	5
2992	Lubricating oils and greases	54.0	412.3	25.4	(S)	28.6	49.4	382.1	23.9	(S)	25.5	5	7
2999	Petroleum and coal products, n.e.c.	31.5	323.7	13.0	122.7	18.5	30.6	310.9	13.3	122.7	17.3	20	6

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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		
30	Rubber and miscellaneous plastics products	3 191.6	46 972.2	2 561.0	(D)	630.6	3 108.1	46 196.3	2 534.6	(D)	573.5	1	2
301	Tires and inner tubes	277.3	4 825.2	191.3	(D)	86.0	266.0	4 751.2	195.1	(D)	70.9	2	3
3011	Tires and inner tubes	277.3	4 825.2	191.3	(D)	86.0	266.0	4 751.2	195.1	(D)	70.9	2	3
302	Rubber and plastics footwear	9.4	91.3	6.9	—	2.5	9.8	98.5	7.3	—	2.5	11	6
3021	Rubber and plastics footwear	9.4	91.3	6.9	—	2.5	9.8	98.5	7.3	—	2.5	11	6
305	Hose and belting and gaskets and packing	136.3	1 760.2	100.0	(D)	36.3	129.8	1 721.6	99.9	(D)	29.9	4	12
3052	Rubber and plastics hose and belting	67.2	830.4	42.6	(D)	24.6	63.7	821.2	42.7	(D)	21.0	4	4
3053	Gaskets, packing, and sealing devices	69.1	929.7	57.4	(D)	11.7	66.1	900.5	57.3	(D)	8.8	7	37
306	Fabricated rubber products, n.e.c.	304.8	3 865.9	219.4	(D)	85.4	292.8	3 757.5	211.1	(D)	81.7	6	6
3061	Mechanical rubber goods	134.0	1 858.5	102.2	(D)	31.8	120.6	1 666.6	91.3	(D)	29.3	12	7
3069	Fabricated rubber products, n.e.c.	170.8	2 007.4	117.2	(S)	53.6	172.2	2 091.0	119.8	(S)	52.4	5	8
308	Miscellaneous plastics products, n.e.c.	2 463.6	36 429.6	2 043.2	(D)	420.4	2 409.6	35 867.5	2 021.1	(D)	388.5	2	3
3081	Unsupported plastics film and sheet	339.1	5 391.6	268.0	(D)	71.1	353.7	5 632.2	286.5	(D)	67.2	4	8
3082	Unsupported plastics profile shapes	91.6	1 421.1	80.8	(S)	10.8	93.2	1 382.7	80.8	(S)	12.4	5	11
3083	Laminated plastics plate, sheet, and profile shapes	52.7	597.1	32.5	—	20.2	48.9	550.5	31.1	—	17.8	2	2
3084	Plastics pipe	88.4	1 649.4	83.3	—	5.1	77.9	1 427.0	73.1	—	4.8	6	13
3085	Plastics bottles	219.9	3 856.4	210.3	(D)	9.6	209.7	3 674.0	201.2	(D)	8.5	4	16
3086	Plastics foam products	226.5	2 825.2	158.3	(D)	68.2	226.8	2 862.6	158.7	(D)	68.1	4	8
3087	Custom compounding of purchased plastics resins	112.2	1 516.4	95.2	(S)	17.0	108.6	1 504.4	94.1	(S)	14.5	5	11
3088	Plastics plumbing fixtures	20.4	251.7	15.8	—	4.6	20.9	277.7	17.3	—	3.6	13	28
3089	Plastics products, n.e.c.	1 313.0	18 920.8	1 099.1	(D)	213.9	1 269.8	18 556.4	1 078.3	(D)	191.5	2	4
31	Leather and leather products	85.9	83.8	55.0	(D)	30.9	90.3	874.7	59.5	(D)	30.8	8	13
311	Leather tanning and finishing	43.0	375.2	24.0	(D)	19.0	42.3	376.8	24.0	(D)	18.3	9	13
3111	Leather tanning and finishing	43.0	375.2	24.0	(D)	19.0	42.3	376.8	24.0	(D)	18.3	9	13
313	Footwear cut stock	3.0	27.6	1.8	(Z)	1.2	2.6	23.5	1.6	—	1.0	13	38
3131	Footwear cut stock	3.0	27.6	1.8	(Z)	1.2	2.6	23.5	1.6	—	1.0	13	38
314	Footwear, except rubber	22.8	252.2	18.7	(D)	4.1	24.9	285.8	20.8	(D)	4.1	11	10
3142	House slippers	1.7	12.6	1.0	(D)	.7	1.4	13.7	1.0	(D)	.4	(A)	1
3143	Men's footwear, except athletic	13.1	158.0	11.7	—	1.4	13.2	171.1	11.9	—	1.3	5	23
3144	Women's footwear, except athletic	4.4	47.5	3.5	—	.9	6.8	65.1	5.4	—	1.4	15	23
3149	Footwear, except rubber, n.e.c.	3.6	34.2	2.5	—	1.1	3.5	35.9	2.5	—	1.0	2	6
315	Leather gloves and mittens	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
3151	Leather gloves and mittens	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
316	Luggage	6.7	79.0	4.6	—	2.1	9.5	97.9	7.3	—	2.2	46	(A)
3161	Luggage	6.7	79.0	4.6	—	2.1	9.5	97.9	7.3	—	2.2	46	(A)
317	Handbags and personal leather goods	4.5	37.5	2.7	—	1.8	4.5	40.1	2.5	—	2.0	39	38
3171	Women's handbags and purses	1.2	9.2	.5	—	.7	1.1	7.0	.3	—	.8	(A)	90
3172	Personal leather goods, n.e.c.	3.1	28.3	2.1	—	1.0	3.4	33.1	2.2	—	1.2	16	10
319	Leather goods, n.e.c.	7.0	52.7	3.6	—	3.4	5.1	37.7	2.6	—	2.5	34	26
3199	Leather goods, n.e.c.	7.0	52.7	3.6	—	3.4	5.1	37.7	2.6	—	2.5	34	26
32	Stone, clay, and glass products	3 801.3	37 306.0	1 781.6	212.6	2 019.7	3 551.8	36 232.8	1 739.0	488.7	1 812.8	2	6
321	Flat glass	211.1	1 579.7	73.5	—	137.6	181.0	1 607.7	71.3	—	109.7	2	1
3211	Flat glass	211.1	1 579.7	73.5	—	137.6	181.0	1 607.7	71.3	—	109.7	2	1
322	Glass and glassware, pressed or blown	719.9	7 422.5	330.7	(S)	389.2	665.6	7 417.8	333.4	(S)	332.2	1	1
3221	Glass containers	374.0	3 769.4	168.7	(S)	205.3	351.2	3 912.3	175.0	(S)	176.2	1	1
3229	Pressed and blown glass, n.e.c.	345.9	3 653.2	162.0	—	183.9	314.4	3 505.5	158.4	—	156.0	2	2
323	Products of purchased glass	171.5	2 645.2	134.7	—	36.8	162.3	2 444.4	127.7	—	34.6	5	8
3231	Products of purchased glass	171.5	2 645.2	134.7	—	36.8	162.3	2 444.4	127.7	—	34.6	5	8
324	Cement, hydraulic	871.1	10 505.2	438.8	(D)	432.3	870.8	10 493.2	444.4	(D)	426.4	2	3
3241	Cement, hydraulic	871.1	10 505.2	438.8	(D)	432.3	870.8	10 493.2	444.4	(D)	426.4	2	3
325	Structural clay products	265.8	1 539.0	89.0	(D)	176.8	237.5	1 515.0	86.9	(D)	150.6	6	7
3251	Brick and structural clay tile	160.3	911.1	49.7	(D)	110.6	139.8	880.7	49.0	(D)	90.8	8	9
3253	Ceramic wall and floor tile	45.5	328.0	19.2	—	26.3	43.9	336.0	19.2	—	24.7	12	13
3255	Clay refractories	38.3	227.0	13.8	(D)	24.5	37.4	237.9	13.9	(D)	23.5	6	13
3259	Structural clay products, n.e.c.	21.7	72.8	6.4	—	15.3	16.3	60.4	4.8	—	11.5	19	19
326	Pottery and related products	116.8	1 075.1	62.0	(D)	54.8	113.3	1 033.0	60.4	(D)	52.9	5	18
3261	Vitreous plumbing fixtures	39.2	286.0	15.1	—	24.1	38.8	276.1	14.7	—	24.1	1	1
3262	Vitreous china table and kitchenware	15.0	106.5	7.0	(Z)	8.0	14.3	107.9	7.1	—	7.2	1	1
3263	Semivitreous table and kitchenware	3.5	41.9	1.9	—	1.6	3.3	42.6	1.8	—	1.5	22	7
3264	Porcelain electrical supplies	37.1	444.7	26.7	(Z)	10.4	35.6	436.1	26.5	—	9.1	9	91
3269	Pottery products, n.e.c.	22.0	196.1	11.4	(D)	10.6	21.4	170.2	10.4	(D)	11.0	9	21
327	Concrete, gypsum, and plaster products	855.2	5 606.7	325.3	(D)	529.9	775.7	5 160.6	303.4	(D)	472.3	6	21
3271	Concrete block and brick	61.3	485.9	34.0	(D)	27.3	55.4	433.0	29.5	(D)	25.9	11	17
3272	Concrete products, n.e.c.	128.9	941.8	63.1	(D)	65.8	115.3	852.4	58.7	(D)	56.6	7	8
3273	Ready-mixed concrete	271.3	1 466.7	97.9	(D)	173.4	245.3	1 374.4	92.7	(D)	152.6	3	5
3274	Lime	138.2	1 148.2	50.3	—	87.9	130.7	1 083.1	48.8	—	81.9	30	(A)
3275	Gypsum products	255.5	1 564.2	80.0	(D)	175.5	228.7	1 417.7	73.5	(D)	155.2	7	7
328	Cut stone and stone products	19.9	192.8	11.6	—	8.3	15.3	165.1	8.7	—	6.6	(A)	21
3281	Cut stone and stone products	19.9	192.8	11.6	—	8.3	15.3	165.1	8.7	—	6.6	(A)	21
329	Miscellaneous nonmetallic mineral products	569.9	6 739.7	315.9	(D)	254.0	530.3	6 396.0	302.7	(D)	227.6	4	5
3291	Abrasive products	79.2	1 158.2	63.5	(D)	15.7	69.9	1 028.6	56.4	(D)	13.5	13	39
3292	Asbestos products	—	—	—	—	—	—	—	—	—	—	—	—
3295	Minerals, ground or treated	140.7	1 273.6	59.7	(D)	81.0	126.9	1 238.8	57.2	(D)	69.7	13	11
3296	Mineral wool	272.1	3 572.4	149.8	(D)	122.3	254.1	3 423.0	148.3	(D)	105.8	3	3
3297	Nonclay refractories	42.6	456.7	25.7	(D)	16.9	47.6	448.9	25.0	(D)	22.6	16	18
3299	Nonmetallic mineral products, n.e.c.	35.3	278.9	17.2	—	18.1	31.8	256.7	15.8	—	16.0	11	7

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996				1995				Standard error of estimate ¹ (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)	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	C	E		
33	Primary metal industries	8 319.8	144 305.3	5 043.3	6 558.6	3 276.5	8 025.2	141 241.1	5 103.8	8 726.4	2 921.4	1	1
331	Blast furnace and basic steel products	4 081.5	53 642.0	2 071.6	5 375.8	2 009.9	3 892.5	54 557.7	2 102.2	7 125.7	1 790.3	1	1
3312	Blast furnaces and steel mills	3 550.7	45 318.9	1 703.0	5 352.3	1 847.7	3 367.7	45 752.6	1 719.6	5 972.6	1 648.1	1	1
3313	Electrometallurgical products	123.6	3 258.5	93.3	(D)	30.3	123.3	3 444.6	96.9	(D)	26.4	5	2
3315	Steel wire and related products	151.9	2 148.0	106.6	(S)	45.3	149.8	2 234.7	113.2	(S)	36.6	6	15
3316	Cold finishing of steel shapes	132.7	1 559.6	87.0	(D)	45.7	134.6	1 785.1	92.5	(D)	42.1	5	4
3317	Steel pipe and tubes	122.5	1 357.0	81.7	(S)	40.8	117.0	1 340.8	80.0	(S)	37.0	3	6
332	Iron and steel foundries	777.1	11 321.4	522.6	19.9	254.5	764.8	11 100.0	522.4	17.8	242.4	3	3
3321	Gray and ductile iron foundries	556.1	8 041.5	361.9	(D)	194.2	542.1	7 836.6	358.3	(D)	183.8	3	3
3322	Malleable iron foundries	23.1	382.1	16.4	(D)	6.7	24.3	379.9	16.5	(D)	7.8	3	5
3324	Steel investment foundries	63.5	868.7	48.1	(D)	15.4	63.7	852.0	50.1	(D)	13.6	10	10
3325	Steel foundries, n.e.c.	134.4	2 029.1	96.2	(D)	38.2	134.7	2 031.5	97.5	(D)	37.2	9	9
333	Primary nonferrous metals	1 671.2	57 060.8	1 411.7	(D)	259.5	1 715.1	54 692.4	1 479.2	(D)	235.9	1	2
3331	Primary copper	179.3	2 339.0	93.5	473.7	85.8	144.5	1 722.7	69.9	817.2	74.6	1	4
3334	Primary aluminum	1 259.1	48 732.7	1 156.7	(S)	102.4	1 373.8	47 773.9	1 273.5	(S)	100.3	1	1
3339	Primary nonferrous metals, n.e.c.	232.7	5 989.2	161.4	(D)	71.3	196.7	5 195.8	135.7	(D)	61.0	8	2
334	Secondary nonferrous metals	166.7	1 560.8	61.7	(D)	105.0	158.1	1 561.4	64.9	(D)	93.2	7	5
3341	Secondary nonferrous metals	166.7	1 560.8	61.7	(D)	105.0	158.1	1 561.4	64.9	(D)	93.2	7	5
335	Nonferrous rolling and drawing	1 033.9	14 675.0	638.1	4.7	395.8	943.5	13 608.9	616.1	36.9	327.4	3	2
3351	Copper rolling and drawing	179.9	2 667.7	120.6	9.1	59.3	154.1	2 552.2	109.0	17.8	45.1	11	8
3353	Aluminum sheet, plate, and foil	352.2	5 531.8	174.9	7.3	177.3	310.7	4 818.8	172.7	(D)	138.0	1	1
3354	Aluminum extruded products	151.7	1 463.3	80.0	(D)	71.7	141.3	1 432.6	78.0	(D)	63.3	4	3
3355	Aluminum rolling and drawing, n.e.c.	14.3	162.6	8.0	(D)	6.3	14.1	166.5	7.9	(D)	6.2	11	5
3356	Nonferrous rolling and drawing, n.e.c.	113.3	1 614.9	77.0	(D)	36.3	108.5	1 534.3	75.0	(D)	33.5	5	8
3357	Nonferrous wire drawing and insulating	222.4	3 234.8	177.6	(D)	44.8	214.9	3 101.5	173.5	(D)	41.4	4	5
336	Nonferrous foundries (castings)	322.1	3 542.5	187.5	(D)	134.6	305.1	3 348.5	179.0	(D)	126.1	6	9
3363	Aluminum die-castings	121.0	1 548.0	68.3	(D)	52.7	112.9	1 498.1	64.8	(D)	48.1	13	12
3364	Nonferrous die-castings, except aluminum	42.5	404.3	26.1	(D)	16.4	43.6	388.2	26.7	(D)	16.9	12	25
3365	Aluminum foundries	104.6	1 145.3	62.8	(D)	41.8	96.4	1 036.9	58.8	(D)	37.6	6	9
3366	Copper foundries	39.9	276.5	22.4	(D)	17.5	38.6	267.9	21.9	(D)	16.7	11	45
3369	Nonferrous foundries, n.e.c.	14.3	168.4	8.0	(D)	6.3	13.7	157.4	6.9	(D)	6.8	9	31
339	Miscellaneous primary metal products	267.2	2 502.7	150.1	14.3	117.1	246.1	2 372.1	140.1	17.1	106.0	8	10
3398	Metal heat treating	181.9	1 489.5	90.0	14.3	91.9	168.2	1 407.9	84.3	12.5	83.9	13	13
3399	Primary metal products, n.e.c.	85.3	1 013.2	60.0	(D)	25.3	77.9	964.2	55.8	4.5	22.1	7	9
34	Fabricated metal products	3 273.1	36 751.5	2 243.5	40.8	1 029.6	3 107.3	35 382.5	2 163.9	167.0	943.4	2	3
341	Metal cans and shipping containers	231.6	3 144.0	168.8	(D)	62.8	229.0	3 129.1	169.8	(D)	59.2	2	7
3411	Metal cans	211.8	2 952.3	156.0	(D)	55.8	202.9	2 922.7	154.8	(D)	48.1	1	1
3412	Metal barrels, drums, and pails	19.7	191.6	12.7	(D)	7.0	26.1	206.4	15.0	(D)	11.1	22	57
342	Cutlery, handtools, and hardware	257.1	2 904.5	178.4	(D)	78.7	245.2	2 894.2	176.9	(D)	68.3	10	14
3421	Cutlery	25.3	265.1	18.1	(D)	7.2	22.5	271.4	17.8	(D)	4.7	8	4
3423	Hand and edge tools, n.e.c.	74.8	888.4	54.5	(D)	20.3	75.5	925.8	55.4	(D)	20.1	5	9
3425	Saw blades and hand saws	21.3	204.0	8.8	(D)	12.5	20.4	192.8	7.7	(D)	12.7	(A)	81
3429	Hardware, n.e.c.	135.6	1 547.0	96.9	(S)	38.7	126.8	1 504.2	96.0	(S)	30.8	8	8
343	Plumbing and heating, except electric	68.9	824.6	45.4	(D)	23.5	81.8	1 012.7	61.7	(D)	20.1	25	9
3431	Metal sanitary ware	24.1	306.4	14.2	(D)	9.9	23.1	306.4	14.9	(D)	8.2	1	1
3432	Plumbing fixture fittings and trim	18.1	217.4	11.9	(D)	6.2	31.5	395.7	26.6	(D)	4.9	92	19
3433	Heating equipment, except electric	26.8	300.8	19.3	(D)	7.5	27.2	310.7	20.2	(D)	7.0	6	22
344	Fabricated structural metal products	592.4	6 218.8	401.4	.5	191.0	553.4	5 878.5	380.0	.8	173.4	3	4
3441	Fabricated structural metal	105.9	1 067.7	71.0	(D)	34.9	101.3	1 075.3	69.5	(D)	31.8	3	5
3442	Metal doors, sash, and trim	77.3	862.2	53.7	(D)	23.6	71.5	806.7	50.6	(D)	20.9	8	10
3443	Fabricated plate work (boiler shops)	151.2	1 651.7	98.1	(D)	53.1	136.9	1 531.1	91.9	(D)	45.0	6	8
3444	Sheet metal work	149.0	1 471.6	98.5	(D)	50.5	143.7	1 383.7	93.9	(D)	49.8	3	10
3446	Architectural metal work	34.7	332.0	23.1	(D)	11.6	33.0	319.7	21.8	(Z)	11.2	5	10
3448	Prefabricated metal buildings	30.7	324.7	21.6	(D)	9.1	28.2	295.6	19.8	(D)	8.4	8	13
3449	Miscellaneous metal work	43.6	508.9	35.4	(S)	8.2	38.9	464.4	32.6	(S)	6.3	8	19
345	Screw machine products, bolts, etc.	193.8	2 086.9	147.1	(D)	46.7	183.4	2 015.5	139.5	(D)	43.9	4	7
3451	Screw machine products	78.5	865.8	62.6	(D)	15.9	76.7	865.6	60.6	(D)	16.1	8	11
3452	Bolts, nuts, rivets, and washers	115.2	1 221.1	84.4	(D)	30.8	106.7	1 149.9	78.9	(D)	27.8	4	9
346	Metal forgings and stampings	757.7	8 647.4	529.9	(D)	227.8	691.0	7 831.2	478.0	(D)	213.0	3	5
3462	Iron and steel forgings	180.0	1 565.8	97.5	(D)	82.5	163.3	1 504.0	93.5	(D)	69.8	9	11
3463	Nonferrous forgings	38.9	374.0	23.8	(S)	15.1	43.8	417.5	27.2	(S)	16.6	5	4
3465	Automotive stampings	338.4	4 715.0	270.6	(D)	67.8	284.9	3 914.0	224.0	.1	60.9	3	5
3466	Crowns and closures	18.8	225.3	12.1	(S)	6.7	17.7	197.3	11.2	(S)	6.5	1	1
3469	Metal stampings, n.e.c.	181.6	1 767.2	126.0	6.4	55.6	181.4	1 798.3	122.1	8.4	59.3	4	6
347	Metal services, n.e.c.	494.8	4 605.0	286.3	31.4	208.5	454.8	4 329.6	269.3	32.9	185.5	4	4
3471	Plating and polishing	248.0	2 300.9	156.3	31.0	91.7	249.9	2 333.3	158.3	32.5	91.6	4	6
3479	Metal coating and allied services	246.8	2 304.1	130.0	(D)	116.8	204.8	1 996.3	111.0	(D)	93.8	6	6
348	Ordnance and accessories, n.e.c.	84.5	1 064.1	59.1	(S)	25.4	87.1	1 109.4	64.8	(S)	22.3	2	3
3482	Small arms ammunition	13.7	194.2	7.9	(D)	5.8	13.6	202.6	8.9	(D)	4.7	8	10
3483	Ammunition, except for small arms, n.e.c.	25.1	273.5	16.9	(S)	8.2	28.4	308.0	20.1	(S)	8.3	2	1
3484	Small arms	19.1	206.4	15.0	(D)	4.1	20.3	204.3	16.4	(D)	3.9	2	3
3489	Ordnance and accessories, n.e.c.	26.6	390.0	19.3	(D)	7.3	24.7	394.5	19.4	(D)	5.3	1	1
349	Miscellaneous fabricated metal products	592.4	7 256.2	427.1	(D)	165.3	581.4	7 182.3	423.8	(D)	157.6	3	5
3491	Industrial valves	92.9	1 287.3	77.0	(D)	15.9	93.6	1 316.6	78.0	(D)	15.6	4	9
3492	Fluid power valves and hose fittings	44.4	611.5	38.1	(D)	6.3	42.5	579.1	36.3	(D)	6.2	5	9
3493	Steel springs, except wire	15.9	123.2	8.3	(D)	7.6	15.0	132.1	8.4	(D)	6.6	8	9
3494	Valves and pipe fittings, n.e.c.	52.5	675.1	38.3	(S)	14.2	49.9	686.6	37.4	(S)	12.5	4	12
3495	Wire springs	30.6	360.1	23.0	(D)	7.6	27.9	366.9	20.9	(D)	7.0	11	16
3496	Miscellaneous fabricated wire products	71.2	758.5	50.0	11.3	21.2	67.6	732.7	47.8	11.0	19.8	9	9
3497	Metal foil and leaf	71.4	1 219.3	51.8	(D)	19.6	74.9	1 228.4	59.0	(D)	15.9	7	8
3498	Fabricated pipe and fittings	52.4	587.5	37.2	10.0	15.2	52.8	584.3	3				

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996				Cost of purchased fuels (million dollars)	1995				Standard error of estimate ¹ (percent) for column—		
		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	Generated less sold				
			Quantity (million kWh)	Cost (million dollars)									Quantity (million kWh)	Cost (million dollars)
A	B	C	D	E	F	G	H	I	J	C	E		
35	Industrial machinery and equipment	2 882.3	37 766.1	2 223.6	(D)	658.7	2 792.8	36 891.6	2 161.5	(D)	631.3	2	3
351	Engines and turbines	209.1	3 040.1	147.9	(D)	61.2	225.8	3 206.9	160.4	(D)	65.4	2	2
3511	Turbines and turbine generator sets	72.7	748.1	45.1	(D)	27.6	96.0	977.5	57.3	(D)	38.7	3	2
3519	Internal combustion engines, n.e.c.	136.5	2 292.0	102.9	(D)	33.6	129.7	2 229.3	103.1	(D)	26.6	3	4
352	Farm and garden machinery	138.3	1 865.4	87.4	(D)	50.9	123.6	1 852.5	84.9	(D)	38.7	12	11
3523	Farm machinery and equipment	107.4	1 428.3	66.1	(D)	41.3	94.3	1 416.5	64.1	(D)	30.2	14	13
3524	Lawn and garden equipment	31.0	437.0	21.3	(D)	9.7	29.4	435.9	20.9	(D)	8.5	20	18
353	Construction and related machinery	301.7	4 155.8	221.6	(D)	80.1	292.4	4 112.7	214.4	(D)	78.0	3	5
3531	Construction machinery	146.6	2 142.6	105.3	(D)	41.3	144.8	2 181.8	103.6	(D)	41.2	5	9
3532	Mining machinery	22.0	275.9	15.8	(D)	6.2	21.9	285.5	15.8	(D)	6.1	4	6
3533	Oil and gas field machinery	50.1	755.6	42.1	—	8.0	44.6	681.8	37.2	—	7.4	7	8
3534	Elevators and moving stairways	10.1	128.7	7.3	—	2.8	9.5	113.1	6.4	—	3.1	8	11
3535	Conveyors and conveying equipment	33.4	357.7	22.3	(S)	11.1	32.2	353.4	22.5	—	9.7	14	9
3536	Hoists, cranes, and monorails	11.4	116.4	7.5	—	3.9	12.2	120.7	7.6	—	4.6	8	9
3537	Industrial trucks and tractors	27.8	378.9	21.3	(S)	6.5	27.4	376.2	21.4	—	6.0	8	14
354	Metalworking machinery	432.9	4 983.6	333.6	(S)	99.3	409.5	4 674.7	312.0	(S)	97.5	3	4
3541	Machine tools, metal cutting types	42.0	493.1	32.8	(D)	9.2	39.0	471.9	30.8	(D)	8.2	6	9
3542	Machine tools, metal forming types	16.7	167.5	11.8	—	4.9	16.7	181.9	11.7	—	5.0	30	10
3543	Industrial patterns	12.1	112.6	7.4	—	4.7	10.2	105.5	6.8	(S)	3.4	16	21
3544	Special dies, tools, jigs, and fixtures	179.0	1 910.0	133.0	(D)	46.0	174.1	1 824.8	128.0	(D)	46.1	3	6
3545	Machine tool accessories	95.1	1 229.8	81.7	(D)	13.4	82.6	1 014.7	66.6	(D)	16.0	7	11
3546	Power-driven handtools	21.5	337.5	18.6	—	2.9	22.8	349.1	19.8	—	3.0	7	6
3547	Rolling mill machinery	7.7	83.4	5.3	—	2.4	6.7	75.0	4.9	—	1.8	27	15
3548	Welding apparatus	37.3	405.7	26.2	—	11.1	37.1	431.5	27.7	—	9.4	8	8
3549	Metalworking machinery, n.e.c.	21.4	244.0	16.7	(D)	4.7	20.1	220.4	15.6	(D)	4.5	10	13
355	Special industry machinery	235.8	2 984.4	200.1	(D)	35.7	236.4	3 040.0	198.5	(D)	37.9	5	42
3552	Textile machinery	23.7	309.8	18.5	—	5.2	24.0	316.2	19.0	—	5.0	32	33
3553	Woodworking machinery	11.3	160.2	8.9	—	2.4	13.6	199.3	10.7	—	2.9	14	17
3554	Paper industries machinery	25.1	270.9	18.4	—	6.7	25.6	277.9	18.8	2.9	6.8	6	10
3555	Printing trades machinery	26.1	331.3	22.2	(S)	3.9	31.7	378.8	25.1	(S)	6.6	9	24
3556	Food products machinery	18.7	211.4	14.2	—	4.5	18.6	221.3	14.2	—	4.4	7	16
3559	Special industry machinery, n.e.c.	130.9	1 700.8	117.9	(D)	13.0	123.1	1 646.6	110.8	(D)	12.3	5	(A)
356	General industrial machinery	462.8	5 974.9	349.7	(D)	113.1	443.0	5 766.3	340.4	(S)	102.6	3	4
3561	Pumps and pumping equipment	62.3	741.6	50.2	—	12.1	58.8	690.0	47.4	—	11.4	7	15
3562	Ball and roller bearings	117.5	1 767.7	86.7	—	30.8	114.3	1 764.0	87.4	—	26.9	1	2
3563	Air and gas compressors	48.1	599.7	35.6	—	12.5	45.9	580.9	35.1	—	10.8	10	16
3564	Blowers and fans	35.7	436.6	25.8	—	9.9	34.0	431.1	24.7	—	9.3	5	18
3565	Packaging machinery	25.1	318.8	19.9	—	5.2	26.3	321.9	20.6	—	5.7	7	22
3566	Speed changers, drives, and gears	33.1	453.9	24.8	—	8.3	32.5	432.8	24.8	—	7.7	7	12
3567	Industrial furnaces and ovens	29.3	291.0	20.4	(D)	8.9	26.6	262.0	18.7	(D)	7.9	21	25
3568	Power transmission equipment, n.e.c.	45.0	608.3	35.6	—	9.4	41.2	579.9	33.7	—	7.5	4	5
3569	General industrial machinery, n.e.c.	66.8	757.3	50.8	—	16.0	63.4	703.7	47.9	—	15.5	3	6
357	Computer and office equipment	295.3	4 498.0	259.2	(D)	36.1	292.1	4 243.2	251.3	(D)	40.8	1	2
3571	Electronic computers	110.9	1 654.2	98.7	(D)	12.2	121.4	1 789.6	107.7	(D)	13.7	1	1
3572	Computer storage devices	55.8	917.9	49.9	(D)	5.9	68.1	1 015.1	55.3	(D)	12.8	2	3
3575	Computer terminals	7.2	86.4	6.3	—	.9	9.2	104.8	7.8	—	1.4	5	4
3577	Computer peripheral equipment, n.e.c.	83.4	1 387.6	72.3	(D)	11.1	57.0	891.0	49.5	(D)	7.5	2	4
3578	Calculating and accounting equipment	6.5	84.3	5.7	(S)	.8	5.7	75.4	5.1	—	.6	19	16
3579	Office machines, n.e.c.	31.6	367.6	26.4	(D)	5.2	30.7	367.4	25.8	(D)	4.9	4	6
358	Refrigeration and service machinery	275.5	3 996.0	211.4	(S)	64.1	270.0	3 911.7	210.3	(S)	59.7	3	6
3581	Automatic vending machines	9.4	118.2	7.3	—	2.1	9.3	117.5	7.3	—	2.0	9	7
3582	Commercial laundry equipment	4.8	65.8	3.6	—	1.2	4.8	61.4	3.6	—	1.2	3	5
3585	Refrigeration and heating equipment	208.3	3 189.5	160.2	(S)	48.1	203.2	3 095.7	159.1	(S)	44.1	3	7
3586	Measuring and dispensing pumps	7.8	117.6	6.4	—	1.4	8.9	124.3	7.3	—	1.6	8	5
3589	Service industry machinery, n.e.c.	45.0	504.9	33.8	—	11.2	43.9	512.7	33.0	—	10.9	11	7
359	Industrial machinery, n.e.c.	531.0	6 268.0	412.7	(D)	118.3	499.9	6 083.7	389.3	(D)	110.6	4	6
3592	Carburetors, pistons, rings, and valves	47.6	797.7	36.6	(D)	11.0	47.3	791.1	37.0	(D)	10.3	2	4
3593	Fluid power cylinders and actuators	31.9	454.0	27.3	(D)	4.6	32.3	512.4	27.8	(D)	4.5	5	9
3594	Fluid power pumps and motors	20.9	332.1	18.1	—	2.8	20.1	336.0	18.0	(Z)	2.1	9	15
3596	Scales and balances, except laboratory	6.8	86.9	5.7	—	1.1	6.2	79.2	5.2	(S)	1.0	21	21
3599	Industrial machinery, n.e.c.	423.9	4 607.4	325.1	(D)	98.8	394.1	4 365.0	301.4	(D)	92.7	5	7
36	Electronic and other electric equipment	2 605.0	36 861.1	2 078.7	(S)	526.3	2 540.8	36 396.3	2 048.8	(S)	492.0	5	3
361	Electric distribution equipment	100.7	1 293.9	71.7	(S)	29.0	98.6	1 281.1	70.6	(S)	28.0	6	15
3612	Transformers, except electronic	50.4	646.0	32.7	—	17.7	47.8	615.3	30.8	—	17.0	11	25
3613	Switchgear and switchboard apparatus	50.4	647.9	39.0	(S)	11.4	50.8	665.8	39.8	(S)	11.0	3	4
362	Electrical industrial apparatus	290.0	4 479.5	211.3	(D)	78.7	288.0	4 495.6	213.6	(D)	74.4	2	3
3621	Motors and generators	109.4	1 706.0	82.0	(D)	27.0	108.6	1 734.5	82.0	(D)	26.6	3	5
3624	Carbon and graphite products	100.6	1 740.5	63.6	(D)	37.0	95.6	1 670.9	61.4	(D)	34.2	2	3
3625	Relays and industrial controls	58.8	815.3	49.4	(D)	9.4	62.4	857.3	53.4	(D)	9.0	4	7
3629	Electrical industrial apparatus, n.e.c.	21.1	217.8	16.3	—	4.8	21.5	232.9	16.9	—	4.6	6	20
363	Household appliances	164.6	2 456.5	115.1	(D)	49.5	155.7	2 441.9	114.9	(D)	40.8	2	2
3631	Household cooking equipment	30.1	395.3	18.6	(D)	11.5	28.4	393.0	18.9	(D)	9.5	5	2
3632	Household refrigerators and freezers	35.7	463.1	27.8	(D)	7.9	37.3	656.3	29.5	(D)	7.8	1	1
3633	Household laundry equipment	29.2	465.0	17.8	(D)	11.4	26.1	439.9	17.5	(D)	8.6	1	1
3634	Electric housewares and fans	29.8	348.8	22.5	—	7.3	30.1	376.2	23.2	—	6.9	8	10
3635	Household vacuum cleaners	18.2	291.6	14.8	—	3.4	15.6	263.0	12.9	—	2.7	1	3
3639	Household appliances, n.e.c.	21.6	312.7	13.6	(D)	8.0	18.1	313.5	12.8	(D)	5.3	1	1
364	Electric lighting and wiring equipment	288.3	3 498.4	216.2	(D)	72.1	274.1	3 347.9	206.9	(D)	67.2	2	5
3641	Electric lamp bulbs and tubes	53.7	625.7	37.1	(D)	16.6	51.2	628.6	36.5	(D)	14.7	3	3
3643	Current-carrying wiring devices	57.7	694.7	49.0	(D)	8.7	54.3	646.0	46.5	(D)	7.8	4	13
3644	Noncurrent-carrying wiring devices	67.6	848.9	52.6	(D)	15.0	63.8	793.9	49.2	(D)	14.6	5	13
3645	Residential lighting fixtures	17.7	152.3	10.6	—	7.1	17.6	159.3	10.9	—	6.7	9	13
3646	Commercial lighting fixtures	30.2	284.7	18.5	(S)	11.7	29.3	266.6	17.4	(S)	11.9	7	15
3647	Vehicle lighting equipment	38.1	610.3	30.7	(S)	7.4	34.9	592.8	29.3	(S)	5.6	3	2
3648													

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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)	Cost of purchased fuels and electric energy (million dollars)	Electric energy		Generated less sold (million kWh)	Cost of purchased fuels (million dollars)		
			Purchased					Purchased	Generated less sold				
			Quantity (million kWh)	Cost (million dollars)									
A	B	C	D	E	F	G	H	I	J	C	E		
36	Electronic and other electric equipment—Con.												
365	Household audio and video equipment	66.4	1 011.2	54.0	(D)	12.4	75.1	1 080.2	61.8	(D)	13.3	8	3
3651	Household audio and video equipment . . .	32.4	529.1	24.0	(D)	8.4	39.8	593.6	31.1	(D)	8.7	17	3
3652	Prerecorded records and tapes	34.1	482.1	30.0	—	4.1	35.3	486.6	30.7	—	4.6	5	5
366	Communications equipment	236.3	3 196.8	207.0	(D)	29.3	256.7	3 480.1	224.1	(D)	32.6	2	7
3661	Telephone and telegraph apparatus	83.1	1 142.4	69.9	(S)	13.2	97.1	1 345.8	82.3	(S)	14.8	2	2
3663	Radio and television communications equipment	134.4	1 824.1	122.0	(D)	12.4	140.7	1 887.1	126.1	(D)	14.6	2	15
3669	Communications equipment, n.e.c.	18.7	230.4	15.1	(S)	3.6	18.9	247.3	15.7	(S)	3.2	12	5
367	Electronic components and accessories	1 169.4	16 684.9	969.6	(D)	199.8	1 098.8	15 818.4	913.0	(D)	185.8	9	7
3671	Electron tubes	70.4	995.3	53.5	(S)	16.9	64.9	966.2	50.0	(S)	14.9	2	2
3672	Printed circuit boards	169.2	2 003.5	136.5	(D)	32.7	159.0	1 994.1	132.9	(D)	26.1	4	7
3674	Semiconductors and related devices	585.0	9 263.5	493.0	(D)	92.0	519.0	8 368.9	442.6	(D)	76.4	17	14
3675	Electronic capacitors	33.1	485.7	24.7	(S)	8.4	55.0	593.3	28.1	(S)	26.9	3	3
3676	Electronic resistors	13.2	210.3	11.2	—	2.0	13.1	208.2	10.6	—	2.5	24	26
3677	Electronic coils and transformers	13.5	164.2	10.6	(D)	2.9	12.7	149.0	9.8	(D)	2.9	11	11
3678	Electronic connectors	49.2	610.2	43.6	—	5.6	47.8	560.7	42.5	—	5.3	5	10
3679	Electronic components, n.e.c.	235.7	2 952.1	196.4	(D)	39.3	227.3	2 978.0	196.5	(D)	30.8	6	5
369	Miscellaneous electrical equipment and supplies	289.4	4 240.0	233.9	(D)	55.5	293.9	4 451.1	243.9	(D)	50.0	5	3
3691	Storage batteries	92.6	1 497.0	76.5	3	16.1	92.4	1 484.1	77.2	—	15.2	2	2
3692	Primary batteries, dry and wet	10.1	178.7	7.3	(S)	2.8	10.9	191.8	8.1	(S)	2.8	(A)	30
3694	Engine electrical equipment	66.4	1 054.2	52.1	(D)	14.3	69.2	1 186.4	57.7	(D)	11.5	7	4
3695	Magnetic and optical recording media	76.4	1 012.8	62.1	(D)	14.3	74.2	1 024.7	60.8	(D)	13.4	7	4
3699	Electrical equipment and supplies, n.e.c. . .	43.8	497.4	35.8	(D)	8.0	47.2	564.0	40.1	(D)	7.1	6	13
37	Transportation equipment	2 985.7	41 561.9	2 162.1	(D)	823.6	2 950.5	42 555.7	2 205.0	(D)	745.5	1	2
371	Motor vehicles and equipment	1 905.3	26 349.1	1 317.3	(D)	588.0	1 917.9	27 917.9	1 386.9	(D)	531.0	1	2
3711	Motor vehicles and car bodies	687.0	9 737.4	436.6	(D)	250.4	677.9	10 010.9	461.2	(D)	216.7	1	1
3713	Truck and bus bodies	50.2	474.1	32.7	(D)	17.5	60.2	696.7	45.4	(D)	14.8	4	4
3714	Motor vehicle parts and accessories	1 120.3	15 559.4	815.6	(D)	304.7	1 129.3	16 540.0	843.9	(D)	285.4	1	3
3715	Truck trailers	32.0	404.8	21.3	(D)	10.7	33.8	477.7	23.6	(D)	10.2	5	5
3716	Motor homes	16.0	173.4	11.3	(D)	4.7	16.6	192.6	12.7	(D)	3.9	6	13
372	Aircraft and parts	655.6	9 683.8	527.6	(D)	128.0	632.9	9 241.4	505.9	(D)	127.0	2	7
3721	Aircraft	242.7	3 712.8	197.8	(D)	44.9	240.0	3 700.7	198.8	(D)	41.2	5	17
3724	Aircraft engines and engine parts	183.8	2 444.7	141.1	(D)	42.7	174.3	2 234.5	127.8	(D)	46.5	2	4
3728	Aircraft parts and equipment, n.e.c.	229.2	3 526.3	188.8	(D)	40.4	218.6	3 306.2	179.3	(D)	39.3	3	5
373	Ship and boat building and repairing	147.5	1 973.8	111.9	(D)	35.6	143.2	2 054.6	115.1	(D)	28.1	4	10
3731	Ship building and repairing	104.2	1 499.0	82.4	(D)	21.8	101.3	1 578.7	86.2	(D)	15.1	5	15
3732	Boat building and repairing	43.2	474.9	29.5	(D)	13.7	42.0	475.9	29.0	(D)	13.0	6	8
374	Railroad equipment	73.2	793.9	44.6	(D)	28.6	55.9	610.6	35.3	(D)	20.6	2	6
3743	Railroad equipment	73.2	793.9	44.6	(D)	28.6	55.9	610.6	35.3	(D)	20.6	2	6
375	Motorcycles, bicycles, and parts	17.9	229.8	11.6	(D)	6.3	15.4	211.9	10.6	(D)	4.8	4	14
3751	Motorcycles, bicycles, and parts	17.9	229.8	11.6	(D)	6.3	15.4	211.9	10.6	(D)	4.8	4	14
376	Guided missiles, space vehicles, parts	134.7	1 943.6	114.6	(S)	20.1	137.1	1 980.2	120.6	(S)	16.5	1	1
3761	Guided missiles and space vehicles	74.0	1 104.7	65.9	(S)	8.1	80.5	1 166.3	72.7	(S)	7.8	1	1
3764	Space propulsion units and parts	40.8	573.5	33.0	(S)	7.8	45.1	678.5	38.3	—	6.8	1	1
3769	Space vehicle equipment, n.e.c.	20.0	265.4	15.7	(D)	4.3	11.4	135.5	9.5	(D)	1.9	1	2
379	Miscellaneous transportation equipment	51.4	587.8	34.4	(S)	17.0	48.1	539.2	30.6	(S)	17.5	4	9
3792	Travel trailers and campers	12.5	133.3	8.8	(D)	3.7	12.6	111.8	7.4	(D)	5.2	9	17
3795	Tanks and tank components	9.9	114.8	7.1	—	2.8	10.4	124.8	7.1	—	3.3	5	30
3799	Transportation equipment, n.e.c.	29.0	339.7	18.5	(D)	10.5	25.2	302.6	16.1	(D)	9.1	6	9
38	Instruments and related products	1 132.3	14 137.4	913.2	(D)	219.1	1 136.3	14 386.7	929.2	(D)	207.1	2	3
381	Search and navigation equipment	253.0	3 553.2	225.6	(D)	27.4	273.5	3 887.1	249.2	(D)	24.3	2	2
3812	Search and navigation equipment	253.0	3 553.2	225.6	(D)	27.4	273.5	3 887.1	249.2	(D)	24.3	2	2
382	Measuring and controlling devices	327.5	3 981.7	271.9	(D)	55.6	328.6	4 061.6	274.5	(D)	54.1	3	7
3821	Laboratory apparatus and furniture	18.4	219.8	14.3	—	4.1	17.2	206.4	13.5	—	3.7	7	19
3822	Environmental controls	36.6	490.4	30.4	—	6.2	35.5	484.2	29.6	—	5.9	3	4
3823	Process control instruments	50.2	596.6	43.5	(D)	6.7	50.3	616.8	44.3	(D)	6.0	5	21
3824	Fluid meters and counting devices	22.1	314.3	17.8	—	4.3	21.8	322.4	17.9	—	3.9	5	12
3825	Instruments to measure electricity	86.8	1 036.4	70.6	(D)	16.2	84.8	1 034.6	68.3	(D)	16.5	6	19
3826	Analytical instruments	36.8	420.4	32.1	(D)	4.7	37.2	429.0	32.2	(D)	5.0	3	4
3827	Optical instruments and lenses	32.9	447.5	28.3	(S)	4.6	38.3	491.5	32.8	(S)	5.5	9	16
3829	Measuring and controlling devices, n.e.c. . .	43.8	456.3	34.9	(D)	8.9	43.7	476.7	36.0	(D)	7.7	7	19
384	Medical instruments and supplies	316.8	4 191.1	268.9	(D)	47.9	310.0	4 136.7	263.8	(D)	46.2	5	4
3841	Surgical and medical instruments	124.3	1 683.9	109.3	(D)	15.0	122.5	1 673.7	107.4	(D)	15.1	3	9
3842	Surgical appliances and supplies	105.1	1 377.0	85.4	(D)	19.7	100.6	1 315.5	82.8	(D)	17.8	5	5
3843	Dental equipment and supplies	26.8	344.9	22.4	(S)	4.4	24.9	308.5	20.7	(S)	4.2	44	19
3844	X-ray apparatus and tubes	21.9	294.8	18.0	(S)	3.9	20.5	286.7	16.9	(S)	3.6	2	7
3845	Electromedical equipment	38.7	490.5	33.9	(D)	4.8	41.5	552.3	35.9	(D)	5.6	8	3
385	Ophthalmic goods	31.5	401.0	26.7	(D)	4.8	29.7	373.2	25.1	(D)	4.6	12	15
3851	Ophthalmic goods	31.5	401.0	26.7	(D)	4.8	29.7	373.2	25.1	(D)	4.6	12	15
386	Photographic equipment and supplies	195.9	1 903.8	113.7	(D)	82.2	186.7	1 822.2	110.2	(D)	76.5	6	4
3861	Photographic equipment and supplies	195.9	1 903.8	113.7	(D)	82.2	186.7	1 822.2	110.2	(D)	76.5	6	4
387	Watches, clocks, watchcases, and parts . . .	7.7	106.7	6.4	—	1.3	7.6	106.0	6.4	—	1.2	5	17
3873	Watches, clocks, watchcases, and parts . .	7.7	106.7	6.4	—	1.3	7.6	106.0	6.4	—	1.2	5	17

See footnotes at end of table.

Table 4. Purchased Fuels and Electric Energy Used for Heat and Power by Industry Group and Industry: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996				1995				Standard error of estimate ¹ (percent) for column—			
		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	C	E		
39	Miscellaneous manufacturing industries ...	493.9	5 495.2	356.5	(S)	137.4	491.2	5 502.9	351.6	(S)	139.6	5	6
391	Jewelry, silverware, and plated ware	28.8	293.8	20.4	(S)	8.4	29.2	289.7	19.9	(S)	9.3	14	19
3911	Jewelry, precious metal	16.8	152.2	11.9	(S)	4.9	17.8	159.1	12.0	—	5.8	15	31
3914	Silverware and plated ware	7.0	96.6	4.6	—	2.4	6.6	93.7	4.4	—	2.2	6	10
3915	Jewelers' materials and lapidary work	5.0	45.0	3.8	(S)	1.2	4.8	36.9	3.5	(S)	1.3	54	31
393	Musical instruments	15.0	102.1	8.2	(D)	6.8	13.7	104.8	8.1	(D)	5.6	6	25
3931	Musical instruments	15.0	102.1	8.2	(D)	6.8	13.7	104.8	8.1	(D)	5.6	6	25
394	Toys and sporting goods	151.9	1 802.7	110.4	(D)	41.5	153.8	1 803.3	112.3	(D)	41.5	11	9
3942	Dolls and stuffed toys	2.3	17.8	1.5	—	.8	1.8	16.1	1.2	—	.6	26	35
3944	Games, toys, and children's vehicles	67.6	848.0	52.2	(D)	15.4	71.7	887.8	55.1	(D)	16.6	21	23
3949	Sporting and athletic goods, n.e.c.	82.1	936.9	56.7	(D)	25.4	80.3	899.4	56.0	(D)	24.3	5	6
395	Pens, pencils, office, and art supplies	44.4	550.4	35.8	(D)	8.6	42.8	497.4	34.7	(D)	8.1	6	13
3951	Pens and mechanical pencils	13.3	170.2	12.0	—	1.3	13.0	159.2	11.8	—	1.2	10	52
3952	Lead pencils and art goods	9.4	121.7	7.3	(D)	2.1	10.0	120.1	8.0	(D)	2.0	11	32
3953	Marking devices	11.2	142.0	9.5	—	1.7	10.4	124.6	8.5	—	1.9	18	35
3955	Carbon paper and inked ribbons	10.6	116.6	7.0	—	3.6	9.3	93.5	6.4	—	2.9	1	1
396	Costume jewelry and notions	31.4	363.8	23.4	11.2	8.0	32.4	370.7	23.7	—	8.7	6	22
3961	Costume jewelry	13.9	99.7	9.8	—	4.1	14.1	104.9	9.3	—	4.8	11	40
3965	Fasteners, buttons, needles, and pins	17.5	264.1	13.6	11.2	3.9	18.3	265.8	14.4	—	3.9	7	15
399	Miscellaneous manufactures	222.3	2 382.4	158.3	(D)	64.0	219.2	2 437.1	152.8	(D)	66.4	7	11
3991	Brooms and brushes	18.9	207.7	13.7	(S)	5.2	18.4	196.4	13.4	(S)	5.0	24	69
3993	Signs and advertising specialties	68.5	669.6	48.8	(D)	19.7	71.2	655.1	48.3	(D)	22.9	7	21
3995	Burial caskets	12.6	159.7	8.1	—	4.5	12.6	158.2	8.3	—	4.3	3	9
3996	Hard surface floor coverings, n.e.c.	42.0	463.1	29.6	—	12.4	39.2	449.8	29.1	—	10.1	1	1
3999	Manufacturing industries, n.e.c.	80.3	882.3	58.1	(S)	22.2	77.8	977.6	53.8	(S)	24.0	17	18

¹Description 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: 1996 and 1995

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

SIC code	Industry group and industry	1996					1995					Standard error of estimate ¹ (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
	All industries	139 322.5	23 622.9	115 699.6	7 145.0	2 202.6	4 942.4	128 473.4	20 492.9	107 980.4	5 844.7	1 738.1	4 106.7	1	4
20	Food and kindred products	11 717.3	2 349.1	9 368.2	463.2	141.4	321.8	11 812.1	2 326.2	9 485.9	415.7	135.3	280.4	2	9
21	Tobacco products	648.9	(D)	(D)	(D)	(D)	(D)	411.0	(D)	(D)	(D)	(D)	(D)	1	(X)
22	Textile mill products	2 665.7	(D)	(D)	168.4	50.5	117.8	2 885.9	(D)	(D)	138.3	37.2	101.0	3	5
23	Apparel and other textile products ...	964.2	213.7	750.5	172.1	41.5	130.6	1 187.4	217.4	970.0	89.3	43.9	45.5	5	43
24	Lumber and wood products	3 305.1	554.6	2 750.5	332.6	(D)	(D)	3 059.5	502.9	2 556.6	275.3	(D)	(D)	3	8
25	Furniture and fixtures	1 252.4	356.1	896.3	64.2	21.7	42.5	1 223.8	356.8	867.0	80.4	26.7	53.7	5	8
26	Paper and allied products	9 301.6	886.7	8 414.9	241.2	32.0	209.2	8 369.0	808.4	7 560.7	224.8	35.5	189.4	5	4
27	Printing and publishing	5 912.2	924.0	4 988.2	536.4	122.0	414.4	5 612.2	843.6	4 768.6	526.9	107.6	419.3	4	14
28	Chemicals and allied products	20 041.0	3 103.1	16 937.9	499.1	238.7	260.5	17 556.7	2 821.7	14 735.0	386.9	187.6	199.3	3	7
29	Petroleum and coal products	5 572.2	692.2	4 880.0	147.8	13.3	134.5	6 203.8	661.5	5 542.3	110.2	17.4	92.8	1	5
30	Rubber and miscellaneous plastics products	7 021.7	1 189.3	5 832.4	437.3	130.0	307.3	6 639.1	953.7	5 685.4	399.8	121.9	278.0	4	33
31	Leather and leather products	127.8	(D)	(D)	(D)	(D)	3.3	125.6	(D)	(D)	(D)	(D)	7.8	10	(X)
32	Stone, clay, and glass products	4 157.4	652.3	3 505.1	260.7	33.4	227.3	3 366.5	459.3	2 907.2	223.6	50.8	172.8	3	12
33	Primary metal industries	7 299.1	973.4	6 325.7	255.2	57.5	197.8	6 671.7	868.6	5 803.1	381.9	65.8	316.1	4	14
34	Fabricated metal products	6 873.5	1 238.8	5 634.8	736.1	123.7	612.4	7 089.7	1 091.9	5 997.7	656.5	190.9	465.6	3	17
35	Industrial machinery and equipment ..	11 450.7	2 039.1	9 411.5	783.8	283.8	500.0	9 971.3	1 605.5	8 365.9	889.9	264.2	625.7	2	7
36	Electronic and other electric equipment	20 867.4	5 005.0	15 862.3	1 289.5	611.7	677.8	17 207.5	3 758.5	13 449.0	455.8	204.3	251.5	2	2
37	Transportation equipment	13 498.0	1 674.6	11 823.4	357.1	73.4	283.6	13 302.9	1 652.6	11 650.3	296.0	70.1	225.8	1	3
38	Instruments and related products	5 273.8	1 006.5	4 267.3	284.7	121.2	163.5	4 534.2	755.0	3 779.2	214.7	97.9	116.8	2	7
39	Miscellaneous manufacturing industries	1 372.7	288.0	1 084.7	107.3	34.3	73.0	1 243.5	279.9	963.6	68.9	23.7	45.2	8	13

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996						1995						Standard error of estimate ¹ (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
20	Food and kindred products	11 717.3	2 349.1	9 368.2	463.2	141.4	321.8	11 812.1	2 326.2	9 485.9	415.7	135.3	280.4	2	9
201	Meat products	1 832.6	549.3	1 283.3	87.1	31.8	55.3	1 587.5	500.7	1 086.8	44.8	11.6	33.2	4	9
2011	Meat packing plants	590.0	191.2	398.8	60.8	20.0	40.8	440.9	129.4	311.5	14.8	5.9	8.9	5	12
2013	Sausages and other prepared meats	545.2	170.3	375.0	16.0	8.3	7.7	420.6	131.5	289.1	22.5	4.2	18.4	4	6
2015	Poultry slaughtering and processing	697.4	187.9	509.5	10.3	3.4	6.8	725.9	239.8	486.1	7.5	1.6	6.0	9	16
202	Dairy products	1 056.0	190.8	865.3	(D)	9.6	(D)	1 305.6	276.8	1 028.8	(D)	8.7	(D)	4	(X)
2021	Creamery butter	3.8	1.1	2.7	(D)	(D)	(D)	6.9	2.0	4.9	(D)	(D)	(D)	37	(X)
2022	Cheese, natural and processed	295.2	53.8	241.4	(D)	(D)	4.0	358.8	72.0	286.8	(D)	(D)	3.6	7	(X)
2023	Dry, condensed, and evaporated dairy products	235.1	41.2	193.9	1.9	1.1	.9	248.9	65.1	183.8	1.0	.6	.4	11	5
2024	Ice cream and frozen desserts	178.1	31.6	146.4	4.4	1.3	3.1	257.2	60.0	197.2	6.2	2.4	3.8	11	18
2026	Fluid milk	343.9	63.1	280.8	23.6	6.4	17.2	433.8	77.6	356.2	18.5	4.1	14.4	6	15
203	Preserved fruits and vegetables	1 405.3	263.8	1 141.5	103.4	18.1	85.3	1 600.5	344.0	1 256.5	109.3	28.2	81.1	4	35
2032	Canned specialties	189.4	54.4	135.0	(D)	(D)	(D)	238.8	83.9	154.8	(D)	(D)	(D)	3	(X)
2033	Canned fruits and vegetables	323.0	47.9	275.1	9.4	2.1	7.3	492.6	74.3	418.3	9.1	2.2	6.9	5	22
2034	Dehydrated fruits, vegetables, and soups	159.5	28.6	130.9	47.4	11.1	36.3	120.1	38.9	81.2	40.1	8.4	31.7	6	75
2035	Pickles, sauces, and salad dressings	110.2	17.2	93.0	4.5	(Z)	4.5	113.2	14.1	99.1	5.2	.5	4.7	10	17
2037	Frozen fruits and vegetables	384.7	44.1	340.5	(D)	(D)	(D)	366.3	63.0	303.3	(D)	(D)	(D)	12	(X)
2038	Frozen specialties, n.e.c.	238.4	71.5	166.9	(D)	(D)	(D)	269.7	69.9	199.8	(D)	(D)	(D)	2	(X)
204	Grain mill products	1 911.9	337.8	1 574.1	(D)	(D)	(D)	1 977.5	335.4	1 642.1	(D)	(D)	(D)	2	(X)
2041	Flour and other grain mill products	113.0	20.2	92.8	3.5	.2	3.3	208.0	43.7	164.3	5.3	.5	4.8	13	48
2043	Cereal breakfast foods	375.9	48.1	327.8	(Z)	(D)	(D)	369.0	56.6	312.4	2.3	(D)	(D)	1	(X)
2044	Rice milling	37.9	4.4	33.5	(D)	(D)	(D)	41.1	4.4	36.7	(D)	(D)	(D)	21	(X)
2045	Prepared flour mixes and doughs	164.0	23.2	140.7	3.7	.1	3.6	136.6	17.1	119.5	1.3	.4	.8	3	36
2046	Wet corn milling	810.3	140.5	669.8	(D)	(D)	(D)	774.5	136.1	638.5	(D)	(D)	(D)	1	(X)
2047	Dog and cat food	210.5	43.6	166.9	(D)	(D)	(D)	233.3	39.4	194.0	(D)	(D)	(D)	4	(X)
2048	Prepared feeds, n.e.c.	200.4	57.8	142.6	13.0	4.4	8.6	215.0	38.2	176.8	28.3	11.2	17.1	10	20
205	Bakery products	1 006.0	(D)	(D)	33.1	(D)	(D)	1 118.7	(D)	(D)	45.8	(D)	(D)	3	23
2051	Bread, cake, and related products	518.2	118.1	400.1	15.5	4.5	11.0	547.6	126.8	420.8	33.9	24.2	9.7	2	17
2052	Cookies and crackers	374.5	42.9	331.6	6.7	1.9	4.8	477.5	52.6	424.9	4.7	1.1	3.6	4	2
2053	Frozen bakery products, except bread	113.4	(D)	(D)	10.9	(D)	(D)	93.7	(D)	(D)	7.2	(D)	(D)	17	65
206	Sugar and confectionery products	872.6	(D)	(D)	30.8	15.3	15.5	809.3	(D)	(D)	28.6	9.2	19.4	12	21
2061	Raw cane sugar	70.3	3.5	66.8	2.0	(D)	(D)	57.4	3.7	53.7	3.2	(D)	(D)	43	2
2062	Cane sugar refining	33.6	4.2	29.4	(D)	(D)	(D)	62.2	4.6	57.6	(D)	(D)	(D)	10	(X)
2063	Beet sugar	111.6	20.0	91.6	(D)	(D)	(D)	122.0	13.7	108.3	(D)	(D)	(D)	3	(X)
2064	Candy and other confectionery products and industry 2067, chewing gum	381.3	62.2	319.1	14.8	6.1	8.7	407.0	73.2	333.8	18.9	6.6	12.2	6	24
2066	Chocolate and cocoa products	80.6	(D)	(D)	14.8	(D)	(D)	88.6	(D)	(D)	(D)	(D)	(D)	12	(X)
2068	Salted and roasted nuts and seeds	195.2	8.1	187.1	9.9	8.8	1.1	72.1	5.4	66.8	2.8	.1	2.6	47	53
207	Fats and oils	486.7	93.3	393.4	19.9	2.1	17.8	343.8	36.5	307.4	8.4	2.3	6.2	3	16
2074	Cottonseed oil mills	44.5	13.3	31.2	(D)	(D)	(D)	12.2	1.5	10.7	(D)	(D)	(D)	14	(X)
2075	Soybean oil mills	272.0	53.1	218.9	3.6	(D)	(D)	161.7	16.5	145.1	2.2	(D)	(D)	1	1
2076	Vegetable oil mills, n.e.c.	6.9	.9	6.0	(D)	(D)	(D)	4.6	.2	4.5	(D)	(D)	(D)	10	(X)
2077	Animal and marine fats and oils	43.9	7.2	36.8	10.1	1.0	9.2	81.0	12.2	68.8	4.2	1.0	3.2	8	31
2079	Edible fats and oils, n.e.c.	119.4	18.9	100.5	(D)	.1	(D)	84.3	6.1	78.3	(D)	.8	(D)	7	(X)
208	Beverages	2 010.7	375.0	1 635.8	70.7	25.0	45.6	2 026.5	294.1	1 732.4	50.8	12.9	37.9	3	5
2082	Malt beverages	877.0	141.9	735.1	1.3	.4	1.0	860.8	118.6	742.2	3.3	4.0	2.9	1	25
2083	Malt	40.2	(D)	(D)	(D)	(D)	(D)	49.8	(D)	(D)	(D)	(D)	(D)	17	(X)
2084	Wines, brandy, and brandy spirits	269.3	65.2	204.1	5.5	2.2	3.3	209.4	58.0	151.3	6.6	1.1	5.5	12	29
2085	Distilled and blended liquors	54.0	(D)	(D)	(D)	(D)	(D)	67.3	(D)	(D)	(D)	(D)	(D)	6	(X)
2086	Bottled and canned soft drinks	605.4	113.2	492.3	58.4	20.3	38.2	684.4	78.6	605.8	37.0	10.2	26.9	5	5
2087	Flavoring extracts and syrups, n.e.c.	164.9	42.4	122.5	(D)	(D)	(D)	154.7	25.1	129.6	(D)	(D)	(D)	17	(X)
209	Miscellaneous food and kindred products	1 135.3	247.7	887.6	59.7	27.0	32.7	1 042.5	238.8	803.8	52.7	20.3	32.4	4	25
2091	Canned and cured fish and seafoods	24.2	7.8	16.4	3.8	2.6	1.2	19.2	5.8	13.4	5.5	3.2	2.3	21	72
2092	Fresh or frozen prepared fish	106.5	23.2	83.3	20.4	9.0	11.4	135.6	29.9	105.7	21.5	11.4	10.1	13	56
2095	Roasted coffee	145.2	21.6	123.6	1.3	(D)	(D)	134.7	19.3	115.4	3.1	(D)	(D)	2	3
2096	Potato chips and similar snacks	415.3	80.2	335.0	3.1	(D)	(D)	328.2	78.1	250.1	1.9	(D)	(D)	5	3
2097	Manufactured ice	10.7	4.0	6.7	1.6	(D)	(D)	7.0	.6	6.4	.2	(D)	(D)	31	79
2098	Macaroni and spaghetti	31.4	3.5	27.9	(D)	(D)	(D)	27.6	1.5	26.1	(D)	(D)	(D)	1	(X)
2099	Food preparations, n.e.c.	402.0	107.3	294.7	(D)	13.4	(D)	390.3	103.5	286.8	(D)	4.8	(D)	10	(X)
21	Tobacco products	648.9	(D)	(D)	(D)	(D)	(D)	411.0	(D)	(D)	(D)	(D)	(D)	1	(X)
211	Cigarettes	604.8	(D)	(D)	(D)	(D)	(D)	370.2	(D)	(D)	(D)	1.0	(D)	1	(X)
2111	Cigarettes	604.8	(D)	(D)	(D)	(D)	(D)	370.2	(D)	(D)	(D)	1.0	(D)	1	(X)
212	Cigars	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
2121	Cigars	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
213	Chewing and smoking tobacco	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
2131	Chewing and smoking tobacco	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(X)	(X)
214	Tobacco stemming and redrying	27.4	7.2	20.2	(D)	(D)	(D)	24.0	5.9	18.1	(D)	(D)	(D)	1	(X)
2141	Tobacco stemming and redrying	27.4	7.2	20.2	(D)	(D)	(D)	24.0	5.9	18.1	(D)	(D)	(D)	1	(X)

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996						1995						Standard error of estimate ¹ (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
22	Textile mill products	2 665.7	(D)	(D)	168.4	50.5	117.8	2 885.9	(D)	(D)	138.3	37.2	101.0	3	5
221	Broadwoven fabric mills, cotton	292.4	58.2	234.2	6.1	2.4	3.7	392.6	104.9	287.7	8.9	1.1	7.8	2	2
2211	Broadwoven fabrics mills, cotton	292.4	58.2	234.2	6.1	2.4	3.7	392.6	104.9	287.7	8.9	1.1	7.8	2	2
222	Broadwoven fabric mills, manmade fiber and silk	453.7	48.4	405.3	12.1	.9	11.2	623.1	72.2	551.0	30.9	4.8	26.1	7	8
2221	Broadwoven fabrics mills, manmade fiber and silk	453.7	48.4	405.3	12.1	.9	11.2	623.1	72.2	551.0	30.9	4.8	26.1	7	8
223	Broadwoven fabric mills, wool	19.5	4.2	15.3	1.2	.4	.8	26.6	2.3	24.3	.3	(Z)	.2	2	3
2231	Broadwoven fabrics mills, wool	19.5	4.2	15.3	1.2	.4	.8	26.6	2.3	24.3	.3	(Z)	.2	2	3
224	Narrow fabric mills	83.6	23.3	60.4	1.0	.3	.8	65.8	7.1	58.7	6.7	3.0	3.7	26	34
2241	Narrow fabrics mills	83.6	23.3	60.4	1.0	.3	.8	65.8	7.1	58.7	6.7	3.0	3.7	26	34
225	Knitting mills	533.6	95.3	438.3	73.1	29.0	44.0	474.2	56.7	417.5	35.5	16.8	18.7	5	2
2251	Women's hosiery, except socks	36.1	2.0	34.2	(D)	(D)	2.6	39.0	2.1	36.9	(D)	(D)	1.5	5	(X)
2252	Hosiery, n.e.c.	82.0	13.3	68.6	2.9	.7	2.3	57.6	6.3	51.4	3.8	1.6	2.2	18	32
2253	Knit outerwear mills	93.2	16.6	76.6	3.5	1.3	2.2	92.2	13.8	78.4	5.2	2.9	2.2	11	16
2254	Knit underwear mills	13.9	1.1	12.8	(D)	(D)	.3	25.2	2.8	19.4	(D)	(D)	.4	9	(X)
2257	Weft knit fabrics mills	202.5	51.0	151.5	57.5	25.9	31.6	150.4	19.3	131.1	10.0	1.3	8.7	6	1
2258	Lace and warp knit fabrics mills	99.9	10.7	89.2	5.2	.2	5.0	109.6	12.0	97.7	13.0	9.6	3.4	6	7
2259	Knitting mills, n.e.c.	5.9	.5	5.4	.1	(Z)	(Z)	3.2	.5	2.6	1.0	.7	.3	11	19
226	Textile finishing, except wool	220.1	37.2	183.0	18.5	(D)	(D)	289.7	40.0	249.6	12.6	(D)	(D)	11	25
2261	Finishing plants, cotton	100.6	22.0	78.6	6.4	(D)	(D)	122.8	16.2	106.6	4.9	(D)	(D)	19	7
2262	Finishing plants, manmade	86.8	9.7	77.1	6.9	.9	6.0	124.5	19.9	104.6	6.5	.5	6.0	4	14
2269	Finishing plants, n.e.c.	32.8	5.5	27.3	5.1	1.1	4.0	42.4	4.0	38.4	1.2	.3	.9	39	85
227	Carpets and rugs	175.5	24.3	151.2	4.2	.6	3.6	182.5	36.8	145.7	4.4	1.1	3.4	2	5
2273	Carpets and rugs	175.5	24.3	151.2	4.2	.6	3.6	182.5	36.8	145.7	4.4	1.1	3.4	2	5
228	Yarn and thread mills	423.2	(D)	423.2	34.8	(D)	(D)	478.0	(D)	(D)	23.1	(D)	(D)	7	11
2281	Yarn spinning mills	234.0	28.8	205.3	31.1	7.2	23.9	350.8	36.1	314.7	22.0	1.9	20.1	11	10
2282	Throwing and winding mills	174.5	(D)	(D)	3.6	(D)	(D)	105.5	(D)	(D)	1.0	(D)	(D)	6	62
2284	Thread mills	14.6	2.0	12.6	.1	(Z)	(Z)	21.7	3.0	18.7	(Z)	(Z)	(Z)	15	15
229	Miscellaneous textile goods	464.1	73.0	391.1	17.4	(D)	(D)	353.4	47.6	305.8	15.8	(D)	(D)	8	23
2295	Coated fabrics, not rubberized	89.8	18.9	70.9	(D)	(D)	1.2	74.8	6.2	68.6	(D)	(D)	1.7	34	(X)
2296	Tire cord and fabrics	55.9	5.6	50.3	(D)	.1	(D)	25.5	.8	24.7	(D)	.6	(D)	1	(X)
2297	Nonwoven fabrics	193.8	28.3	165.5	(D)	(D)	1.6	158.5	28.4	130.2	(D)	(D)	3.3	8	(X)
2298	Cordage and twine	21.7	3.5	18.3	.9	.1	.8	14.3	.9	13.3	.2	(Z)	.2	21	20
2299	Textile goods, n.e.c.	102.8	16.7	86.1	10.5	2.7	7.8	80.3	11.4	69.0	7.3	4.7	2.6	15	37
23	Apparel and other textile products	964.2	213.7	750.5	172.1	41.5	130.6	1 187.4	217.4	970.0	89.3	43.9	45.4	5	43
231	Men's and boys' suits and coats	21.8	3.0	18.8	.5	.1	.4	25.7	2.9	22.8	1.1	.1	1.0	43	65
2311	Men's and boys' suits and coats	21.8	3.0	18.8	.5	.1	.4	25.7	2.9	22.8	1.1	.1	1.0	43	65
232	Men's and boys' furnishings	200.3	49.2	151.1	16.7	7.1	9.6	262.1	55.6	206.5	23.2	13.7	9.5	6	10
2321	Men's and boys' shirts	54.9	8.1	46.8	3.8	1.6	2.2	81.8	15.4	66.4	4.5	1.9	2.6	6	11
2322	Men's and boys' underwear and nightwear	5.5	1.3	4.2	.2	.1	.2	5.7	.8	4.9	.4	.4	(Z)	12	42
2323	Men's and boys' neckwear	3.0	.3	2.6	.8	(Z)	.7	4.0	.2	3.8	—	—	—	22	90
2325	Men's and boys' trousers and slacks	82.5	20.8	61.7	(D)	(D)	1.2	98.0	14.9	83.2	(D)	(D)	2.1	3	(X)
2326	Men's and boys' work clothing	18.8	3.0	15.8	.5	.1	.4	15.8	3.5	12.3	9.2	6.2	3.0	19	37
2329	Men's and boys' clothing, n.e.c.	35.6	15.6	20.0	(D)	(D)	4.8	56.7	20.7	36.0	(D)	(D)	1.8	27	(X)
233	Women's and misses' outerwear	188.7	27.5	161.2	98.7	15.6	83.1	204.1	25.5	178.6	17.6	6.0	11.7	6	75
2331	Women's, misses', and juniors' blouses and shirts	18.6	2.4	16.2	1.3	.1	1.2	19.6	1.9	17.8	5.8	1.0	4.8	6	19
2335	Women's, misses', and juniors' dresses	72.1	9.3	62.8	90.5	12.1	78.5	67.3	11.1	56.2	1.4	.7	.7	13	81
2337	Women's, misses', and juniors' suits and coats	16.5	2.7	13.7	.6	.3	.3	29.0	3.1	25.9	1.3	.2	1.1	7	21
2339	Women's, misses', and juniors' outerwear, n.e.c.	81.5	13.1	68.5	6.3	3.2	3.1	88.1	9.4	78.7	9.2	4.0	5.2	8	9
234	Women's and children's undergarments	29.0	4.5	24.5	3.4	.1	3.3	29.1	6.3	22.8	5.8	2.3	3.5	21	10
2341	Women's and children's underwear	17.7	2.6	15.1	.4	(Z)	.4	13.1	2.4	10.6	2.1	.4	1.6	34	20
2342	Brassieres, girdles, and allied garments	11.3	1.9	9.4	3.0	.1	3.0	16.1	3.9	12.2	3.7	1.9	1.8	10	11
235	Hats, caps, and millinery	21.3	2.5	18.8	3.4	.2	3.2	16.3	2.5	13.9	.6	.1	.5	43	80
2353	Hats, caps, and millinery	21.3	2.5	18.8	3.4	.2	3.2	16.3	2.5	13.9	.6	.1	.5	43	80
236	Girls' and children's outerwear	20.1	1.7	18.3	5.3	1.1	4.3	24.1	2.6	21.4	2.9	1.3	1.7	5	45
2361	Girls' and children's dresses and blouses	4.6	.8	3.9	1.6	.3	1.4	7.6	1.0	6.6	2.4	1.0	1.4	12	8
2369	Girls' and children's outerwear, n.e.c.	15.4	1.0	14.4	3.7	.8	2.9	16.5	1.6	14.9	.5	.2	.2	5	65
237	Fur goods	1.5	.1	1.4	(Z)	—	(Z)	1.1	.1	1.0	—	—	—	29	(X)
2371	Fur goods	1.5	.1	1.4	(Z)	—	(Z)	1.1	.1	1.0	—	—	—	29	(X)
238	Miscellaneous apparel and accessories	16.4	1.5	14.9	3.9	1.2	2.8	17.0	2.2	14.8	5.6	4.7	.8	11	63
2381	Fabrics dress and work gloves	2.7	.4	2.2	(D)	—	(D)	3.1	.8	2.3	(D)	.1	(D)	1	(X)
2384	Robes and dressing gowns	.7	.3	.4	(D)	—	(D)	.4	.3	.1	(D)	—	(D)	1	(X)
2385	Waterproof outerwear	.8	(Z)	.7	(D)	(D)	(D)	1.1	.1	1.0	(D)	(D)	(D)	69	(X)
2386	Leather and sheep-lined clothing	.2	(D)	(D)	(D)	(Z)	(Z)	.6	(D)	(D)	—	—	—	40	(X)
2387	Apparel belts	3.6	.1	3.5	(D)	(Z)	(Z)	2.0	.1	1.8	(D)	(Z)	—	26	(X)
2389	Apparel and accessories, n.e.c.	8.4	(D)	(D)	(D)	1.1	(D)	9.9	(D)	(D)	(D)	4.6	(D)	17	(X)

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996						1995						Standard error of estimate ¹ (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
23	Apparel and other textile products—Con.														
239	Miscellaneous fabricated textile products	465.0	123.7	341.3	40.0	16.2	23.8	607.9	119.8	488.2	32.5	15.7	16.8	9	13
2391	Curtains and draperies	22.0	5.2	16.8	.9	.6	.3	23.5	5.8	17.7	.9	.3	.6	39	49
2392	Housefurnishings, n.e.c.	86.0	20.1	65.9	2.8	1.2	1.6	83.5	20.0	63.5	5.7	1.8	3.9	10	22
2393	Textile bags	22.8	15.6	7.2	11.4	4.9	6.6	14.9	4.1	10.8	6.9	5.3	1.6	5	6
2394	Canvas and related products	22.0	2.0	20.0	4.1	.5	3.5	26.1	4.2	22.0	3.9	.5	3.4	16	40
2395	Pleating and stitching	32.3	7.1	25.2	2.3	1.1	1.2	26.8	8.2	18.6	2.1	1.3	.8	51	13
2396	Automotive and apparel trimmings	165.6	61.5	104.1	8.0	1.4	6.6	326.5	60.6	265.9	10.1	5.3	4.8	6	13
2397	Schiffli machine embroideries	3.4	1.1	2.2	.4	.1	.3	1.4	.2	1.2	.3	(Z)	.3	22	8
2399	Fabricated textile products, n.e.c.	110.8	11.0	99.9	10.2	6.3	3.9	105.1	16.6	88.5	2.5	1.1	1.4	30	47
24	Lumber and wood products	3 305.1	554.6	2 750.5	332.6	(D)	(D)	3 059.5	502.9	2 556.6	275.3	(D)	(D)	3	8
241	Logging	539.4	43.9	495.5	100.1	8.9	91.2	588.7	39.3	549.4	90.2	15.0	75.2	7	10
2411	Logging	539.4	43.9	495.5	100.1	8.9	91.2	588.7	39.3	549.4	90.2	15.0	75.2	7	10
242	Sawmills and planing mills	1 070.5	164.5	906.0	96.9	17.5	79.4	934.0	166.2	767.8	78.9	11.3	67.6	6	14
2421	Sawmills and planing mills, general	999.9	150.4	849.4	90.0	15.5	74.6	852.3	147.1	705.3	69.9	10.2	59.7	6	15
2426	Hardwood dimension and flooring mills	66.1	12.8	53.3	6.0	1.5	4.5	78.0	18.8	59.2	8.5	1.1	7.5	14	30
2429	Special product sawmills, n.e.c.	4.5	1.3	3.2	.9	.6	.4	3.7	.4	3.3	.4	(Z)	.4	24	46
243	Millwork, plywood, and structural members	710.7	111.9	598.9	66.6	(D)	(D)	705.9	124.0	581.9	54.4	(D)	(D)	4	28
2431	Millwork	199.8	40.1	159.7	27.9	15.9	12.0	192.4	32.4	160.0	18.0	9.5	8.6	6	64
2434	Wood kitchen cabinets	157.9	30.9	127.0	10.6	2.3	8.4	159.2	34.3	124.9	6.1	1.7	4.4	7	23
2435	Hardwood veneer and plywood	37.7	6.3	31.4	6.6	.1	6.4	32.2	4.7	27.6	2.5	.6	1.9	11	40
2436	Softwood veneer and plywood	208.4	14.2	194.2	11.2	(D)	(D)	184.4	13.6	170.8	12.2	(D)	(D)	5	20
2439	Structural wood members, n.e.c.	106.9	20.3	86.5	10.3	2.9	7.4	137.6	39.0	98.6	15.6	2.9	12.7	14	26
244	Wood containers	87.6	23.0	64.6	20.3	3.8	16.4	90.3	23.1	67.2	17.9	2.9	15.1	6	10
2441	Nailed wood boxes and shooks	4.4	1.7	2.7	.7	.1	.6	4.0	1.0	3.0	.8	.1	.5	21	32
2448	Wood pallets and skids	76.7	19.8	56.9	15.4	2.0	13.3	82.0	20.8	61.2	14.6	2.7	11.9	6	9
2449	Wood containers, n.e.c.	6.5	1.5	5.0	4.2	1.7	2.5	4.3	1.3	3.0	2.8	.1	2.7	33	31
245	Wood buildings and mobile homes	181.9	106.4	75.5	11.2	9.3	1.9	138.7	60.6	78.1	7.7	3.1	4.7	5	6
2451	Mobile homes	140.3	94.7	45.6	6.8	5.9	.9	89.3	48.9	40.4	3.3	2.0	1.3	6	4
2452	Prefabricated wood buildings	41.6	11.7	29.9	4.4	3.4	1.1	49.5	11.7	37.8	4.4	1.1	3.4	12	14
249	Miscellaneous wood products	715.0	104.9	610.1	37.5	5.1	32.4	601.9	89.7	512.2	26.1	8.5	17.6	3	19
2491	Wood preserving	54.0	11.9	42.1	6.0	.5	5.4	70.1	28.5	41.7	4.2	1.0	3.3	14	32
2493	Reconstituted wood products	573.0	71.3	501.7	1.9	.3	1.6	438.4	33.9	404.5	1.9	.3	1.6	2	6
2499	Wood products, n.e.c.	88.0	21.6	66.4	29.7	4.2	25.4	93.4	27.4	66.0	20.0	7.3	12.8	16	23
25	Furniture and fixtures	1 252.4	356.1	896.3	64.2	21.7	42.5	1 223.8	356.8	867.0	80.4	26.7	53.7	5	8
251	Household furniture	480.6	164.8	315.8	37.1	17.4	19.6	528.3	203.1	325.2	49.4	16.9	32.6	9	7
2511	Wood household furniture	273.3	86.9	186.4	21.1	7.7	13.4	271.3	86.0	185.3	31.3	6.3	25.0	13	9
2512	Upholstered household furniture	80.8	31.2	49.6	7.3	4.3	3.0	83.7	26.9	56.8	6.6	3.6	3.0	6	19
2514	Metal household furniture	43.2	15.6	27.6	5.7	4.8	.9	115.5	80.8	34.8	1.1	.4	.7	20	6
2515	Mattresses and bedsprings	58.0	29.7	28.3	1.8	.5	1.2	36.4	6.6	29.8	7.8	6.3	1.5	35	31
2517	Wood television and radio cabinets	3.8	(D)	(D)	(D)	(D)	(D)	6.6	(D)	(D)	(D)	(D)	(D)	4	(X)
2519	Household furniture, n.e.c.	21.6	(D)	(D)	(D)	(D)	(D)	14.7	(D)	(D)	(D)	(D)	(D)	41	(X)
252	Office furniture	358.3	93.5	264.8	7.2	.7	6.5	303.1	67.1	236.0	16.1	7.0	9.0	4	15
2521	Wood office furniture	79.6	22.5	57.1	2.7	.5	2.2	58.9	17.7	41.2	1.8	(Z)	1.8	3	11
2522	Office furniture, except wood	278.7	71.0	207.8	4.5	.2	4.3	244.2	49.4	194.8	14.2	7.0	7.2	5	22
253	Public building and related furniture	127.7	22.6	105.1	2.8	(D)	(D)	114.8	22.4	92.5	1.3	(D)	(D)	9	5
2531	Public building and related furniture	127.7	22.6	105.1	2.8	(D)	(D)	114.8	22.4	92.5	1.3	(D)	(D)	9	5
254	Partitions and fixtures	176.6	45.3	131.2	10.7	1.8	9.0	168.2	38.0	130.2	6.7	.9	5.8	16	27
2541	Wood partitions and fixtures	92.3	31.6	60.7	3.9	1.0	2.9	81.0	17.4	63.6	1.8	.4	1.4	23	7
2542	Partitions and fixtures, except wood	84.3	13.7	70.5	6.8	.7	6.1	87.2	20.6	66.6	4.9	.5	4.4	20	43
259	Miscellaneous furniture and fixtures	109.3	29.9	79.4	6.4	(D)	(D)	109.4	26.3	83.1	6.9	(D)	(D)	16	40
2591	Drapery hardware and blinds and shades	30.5	5.9	24.6	(D)	(D)	(D)	35.7	8.3	27.4	(D)	(D)	(D)	18	(X)
2599	Furniture and fixtures, n.e.c.	78.8	24.0	54.8	(D)	(D)	(D)	73.7	18.0	55.7	(D)	(D)	(D)	20	(X)
26	Paper and allied products	9 301.6	886.7	8 414.9	241.2	32.0	209.2	8 369.0	808.4	7 560.7	224.8	35.5	189.4	5	4
261	Pulp mills	698.1	27.9	670.3	(D)	(D)	(D)	564.3	25.3	539.0	(D)	(D)	(D)	1	(X)
2611	Pulp mills	698.1	27.9	670.3	(D)	(D)	(D)	564.3	25.3	539.0	(D)	(D)	(D)	1	(X)
262	Paper mills	3 142.5	301.8	2 840.7	8.7	2.1	6.6	2 685.5	188.0	2 497.4	6.7	.2	6.5	2	4
2621	Paper mills	3 142.5	301.8	2 840.7	8.7	2.1	6.6	2 685.5	188.0	2 497.4	6.7	.2	6.5	2	4
263	Paperboard mills	2 359.8	214.1	2 145.7	(D)	(D)	(D)	2 173.9	218.8	1 955.1	(D)	(D)	(D)	16	(X)
2631	Paperboard mills	2 359.8	214.1	2 145.7	(D)	(D)	(D)	2 173.9	218.8	1 955.1	(D)	(D)	(D)	16	(X)
265	Paperboard containers and boxes	1 351.7	164.6	1 187.1	91.9	13.7	78.2	1 175.6	126.6	1 049.0	115.7	21.4	94.3	8	7
2652	Setup paperboard boxes	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)
2653	Corrugated and solid fiber boxes	861.8	106.0	755.8	51.5	10.4	41.2	788.4	84.1	704.3	70.1	17.2	52.9	11	10
2655	Fiber cans, drums, and similar products	36.5	8.5	28.1	(D)	(D)	(D)	27.4	3.9	23.4	5.2	.8	4.3	5	(X)
2656	Sanitary food containers	70.6	4.7	65.8	(D)	(D)	(D)	88.1	7.7	80.4	3.9	1.1	2.8	12	(X)
2657	Folding paperboard boxes	349.7	45.2	304.5	30.6	2.3	28.3	239.6	30.7	208.8	36.5	2.3	34.2	8	14

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996						1995						Standard error of estimate ¹ (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
26	Paper and allied products—Con.														
267	Miscellaneous converted paper products	1 749.5	178.5	1 571.0	100.7	11.0	89.7	1 769.8	249.6	1 520.1	80.9	11.1	69.8	4	7
2671	Paper coated and laminated, packaging	190.8	14.1	176.7	7.0	1.4	5.7	201.3	43.7	157.5	6.6	1.4	5.1	28	24
2672	Paper coated and laminated, n.e.c.	230.5	28.9	201.6	10.2	1.9	8.3	273.5	41.7	231.8	9.2	3.1	6.1	2	10
2673	Bags: plastics, laminated, and coated	341.6	20.1	321.4	19.4	1.5	17.9	275.7	25.9	249.8	15.3	1.2	14.2	8	10
2674	Bags: uncoated paper and multiwall	60.8	6.4	54.3	5.8	.4	5.4	33.5	3.4	30.1	2.3	.2	2.2	5	1
2675	Die-cut paper and board	44.2	13.1	31.1	5.4	(D)	(D)	44.4	7.0	37.4	3.0	(D)	(D)	16	15
2676	Sanitary paper products	671.4	55.0	616.5	10.2	.9	9.3	717.0	87.0	630.0	20.8	1.6	19.3	2	2
2677	Envelopes	61.8	17.2	44.5	5.1	(D)	(D)	44.2	4.8	39.4	5.8	(D)	(D)	12	24
2678	Stationery products	18.3	2.1	16.2	1.8	(D)	(D)	28.8	9.0	19.7	1.4	(D)	(D)	13	33
2679	Converted paper products, n.e.c.	130.1	21.4	108.7	35.8	4.0	31.8	151.4	27.1	124.3	16.5	2.8	13.7	11	15
27	Printing and publishing	5 912.2	924.0	4 988.2	536.4	122.0	414.4	5 612.2	843.6	4 768.6	526.9	107.6	419.3	4	14
271	Newspapers	1 276.9	281.1	995.8	41.6	24.5	17.1	1 229.1	248.3	980.8	79.3	33.9	45.4	4	3
2711	Newspapers	1 276.9	281.1	995.8	41.6	24.5	17.1	1 229.1	248.3	980.8	79.3	33.9	45.4	4	3
272	Periodicals	310.9	52.4	258.5	15.4	8.7	6.7	332.3	86.0	246.3	7.9	3.5	4.4	5	25
2721	Periodicals	310.9	52.4	258.5	15.4	8.7	6.7	332.3	86.0	246.3	7.9	3.5	4.4	5	25
273	Books	617.7	108.9	508.8	39.4	14.5	24.8	667.8	107.9	559.9	37.9	15.4	22.6	4	8
2731	Book publishing	364.7	88.0	276.7	22.8	13.7	9.1	344.7	89.2	255.5	15.9	9.4	6.5	4	8
2732	Book printing	253.0	20.9	232.1	16.5	.8	15.7	323.1	18.7	304.4	22.0	6.0	16.1	8	15
274	Miscellaneous publishing	143.6	21.5	122.0	15.7	1.1	14.6	158.7	29.4	129.3	4.3	1.1	3.1	7	6
2741	Miscellaneous publishing	143.6	21.5	122.0	15.7	1.1	14.6	158.7	29.4	129.3	4.3	1.1	3.1	7	6
275	Commercial printing	2 958.6	395.1	2 563.5	387.8	69.7	318.1	2 679.9	291.7	2 388.2	345.9	43.8	302.2	6	19
2752	Commercial printing, lithographic	2 182.0	260.7	1 921.2	320.9	59.0	262.0	1 859.8	172.6	1 687.2	287.4	29.4	258.0	8	22
2754	Commercial printing, gravure	254.4	19.9	234.6	7.5	4.9	2.6	342.7	32.6	310.1	6.2	1.2	5.0	7	73
2759	Commercial printing, n.e.c.	522.2	114.5	407.7	59.4	5.9	53.5	477.4	86.5	390.9	52.3	13.1	39.1	9	20
276	Manifold business forms	197.8	18.9	178.9	9.5	.6	8.9	136.2	15.6	120.5	21.7	.8	20.9	25	97
2761	Manifold business forms	197.8	18.9	178.9	9.5	.6	8.9	136.2	15.6	120.5	21.7	.8	20.9	25	97
277	Greeting cards	66.4	4.0	62.4	3.0	.3	2.7	67.0	26.0	41.1	2.7	.7	2.0	5	10
2771	Greeting cards	66.4	4.0	62.4	3.0	.3	2.7	67.0	26.0	41.1	2.7	.7	2.0	5	10
278	Blankbooks and bookbinding	130.3	14.3	116.0	5.3	2.1	3.2	148.6	22.4	126.2	15.0	1.7	13.2	18	11
2782	Blankbooks and looseleaf binders	93.3	5.9	87.3	2.6	1.8	.8	113.6	18.1	95.5	11.2	1.4	9.7	23	11
2789	Bookbinding and related work	37.0	8.4	28.6	2.7	.3	2.4	35.0	4.2	30.7	3.8	.3	3.5	27	19
279	Printing trade services	210.0	27.7	182.3	18.8	.5	18.3	192.6	16.4	176.2	12.2	6.7	5.6	13	59
2791	Typesetting	61.4	3.8	57.6	2.1	.5	1.6	57.3	3.0	54.4	6.6	4.9	1.6	24	28
2796	Platemaking services	148.6	23.8	124.7	16.8	(Z)	16.8	135.2	13.4	121.8	5.7	1.8	3.9	15	66
28	Chemicals and allied products	20 041.0	3 103.1	16 937.9	499.1	238.7	260.5	17 556.7	2 821.7	14 735.0	386.9	187.6	199.3	3	7
281	Industrial inorganic chemicals	2 001.9	276.2	1 725.7	21.0	10.6	10.4	1 708.1	149.8	1 558.4	9.9	2.2	7.8	5	29
2812	Alkalies and chlorine	215.2	7.6	207.5	(Z)	(Z)	(Z)	199.3	8.5	190.8	(Z)	(Z)	(Z)	10	(X)
2813	Industrial gases	341.7	6.6	335.1	(D)	(D)	(D)	277.8	5.0	272.8	(D)	(D)	(D)	2	(X)
2816	Inorganic pigments	180.2	30.3	149.8	(D)	(D)	(D)	359.2	35.6	323.6	(D)	(D)	(D)	1	(X)
2819	Industrial inorganic chemicals, n.e.c.	1 264.9	231.7	1 033.2	17.7	8.7	9.0	871.7	100.6	771.1	8.6	2.0	6.7	8	35
282	Plastics materials and synthetics	3 731.4	299.8	3 431.6	(D)	(D)	(D)	3 386.7	222.5	3 164.2	(D)	(D)	(D)	2	(X)
2821	Plastics materials and resins	2 783.6	221.8	2 561.8	(D)	(D)	(D)	2 323.9	153.1	2 170.8	(D)	(D)	(D)	2	(X)
2822	Synthetic rubber	279.3	34.9	244.4	(D)	(D)	(D)	268.3	15.1	253.2	38.2	4.8	33.3	1	(X)
2823	Cellulosic manmade fibers	(D)	(D)	(D)	(D)	(D)	(D)	113.2	(D)	(D)	(D)	(D)	(D)	(X)	(X)
2824	Organic fibers, noncellulosic	(D)	(D)	(D)	(D)	(D)	(D)	681.3	(D)	(D)	(D)	(D)	(D)	(X)	(X)
283	Drugs	4 300.7	1 251.0	3 049.7	231.5	165.8	65.7	4 503.0	1 524.3	2 978.7	145.2	128.3	16.8	9	8
2833	Medicinals and botanicals	835.3	98.9	736.4	(D)	(D)	(D)	383.8	45.0	338.8	(D)	(D)	(D)	7	(X)
2834	Pharmaceutical preparations	2 588.2	919.1	1 669.1	143.5	94.3	49.3	3 134.0	1 194.4	1 939.7	83.8	77.3	6.5	15	13
2835	Diagnostic substances	517.6	88.4	429.2	4.7	3.8	.8	532.4	73.4	459.0	2.6	.8	1.8	3	14
2836	Biological products, except diagnostic	359.5	144.6	214.9	(D)	(D)	(D)	452.7	211.4	241.3	(D)	(D)	(D)	2	(X)
284	Soaps, cleaners, and toilet goods	1 303.5	291.0	1 012.5	55.5	18.3	37.2	1 040.8	201.9	838.9	56.0	21.1	34.9	5	29
2841	Soap and other detergents	426.9	63.0	363.9	16.0	(D)	(D)	355.9	40.6	315.3	22.2	(D)	(D)	7	6
2842	Polishes and sanitation goods	172.8	30.6	142.2	31.7	8.9	22.9	154.1	54.7	99.4	16.4	4.0	12.4	9	49
2843	Surface active agents	161.1	12.5	148.6	(D)	(D)	(D)	119.5	11.6	108.0	(D)	(D)	(D)	5	(X)
2844	Toilet preparations	542.7	184.9	357.9	(D)	(D)	(D)	411.3	95.1	316.2	(D)	(D)	(D)	11	(X)
285	Paints and allied products	403.7	99.7	304.0	19.9	5.0	15.0	409.2	115.7	293.5	11.3	5.1	6.2	10	19
2851	Paints and allied products	403.7	99.7	304.0	19.9	5.0	15.0	409.2	115.7	293.5	11.3	5.1	6.2	10	19
286	Industrial organic chemicals	6 269.0	536.6	5 732.4	(D)	(D)	(D)	4 922.9	323.3	4 599.6	(D)	(D)	(D)	5	(X)
2861	Gum and wood chemicals	26.6	1.5	25.1	(D)	(D)	(D)	31.8	2.4	29.4	(D)	(D)	(D)	7	(X)
2865	Cyclic crudes and intermediates	1 032.9	66.7	966.2	6.0	1.7	4.3	844.6	87.1	757.5	2.7	1.2	1.5	2	56
2869	Industrial organic chemicals, n.e.c.	5 209.5	468.3	4 741.2	29.9	(D)	(D)	4 046.5	233.8	3 812.7	58.3	(D)	(D)	5	20
287	Agricultural chemicals	1 024.5	90.1	934.4	14.1	2.6	11.5	778.8	81.9	696.9	7.8	.5	7.3	8	4
2873	Nitrogenous fertilizers	304.7	11.6	293.0	(D)	(D)	(D)	175.8	3.4	172.4	(D)	(D)	(D)	25	(X)
2874	Phosphatic fertilizers	199.5	25.4	174.1	(D)	(D)	(D)	194.2	34.0	160.3	(D)	(D)	(D)	8	(X)
2875	Fertilizers, mixing only	57.3	9.2	48.1	1.3	.7	.7	91.1	10.8	80.4	.6	.2	.3	32	5
2879	Agricultural chemicals, n.e.c.	463.0	43.9	419.1	3.0	.9	2.0	317.6	33.8	283.8	1.3	.2	1.1	4	5
289	Miscellaneous chemical products	1 006.3	258.7	747.6	29.4	11.8	17.6	807.3	202.4	604.9	11.1	3.6	7.5	23	15
2891	Adhesives and sealants	188.2	49.8	138.4	7.7	3.8	3.9	197.5	52.1	145.4	2.8	.7	2.1	10	4
2892	Explosives	46.5	11.6	34.9	1.4	.6	.8	52.7	12.5	40.3	1.5	.9	.6	12	12
2893	Printing ink	82.7	(D)	(D)	(D)	(D)	(D)	57.8	(D)	(D)	(D)	(D)	(D)	37	(X)
2895	Carbon black	299.1	(D)	(D)	(D)	(D)	(D)	65.9	(D)	(D)	(D)	(D)	(D)	74	(X)
2899	Chemical preparations, n.e.c.	389.8	73.0	316.8	17.9	6.7	11.2	433.4	102.8	330.6	3.8	1.4	2.5	5	25

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996						1995						Standard error of estimate ¹ (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
29	Petroleum and coal products	5 572.2	692.2	4 880.0	147.8	13.3	134.5	6 203.8	661.5	5 542.3	110.2	17.4	92.8	1	5
291	Petroleum refining	5 197.0	639.5	4 557.5	68.4	6.4	62.0	5 866.3	618.2	5 248.2	71.0	9.6	61.4	1	1
2911	Petroleum refining	5 197.0	639.5	4 557.5	68.4	6.4	62.0	5 866.3	618.2	5 248.2	71.0	9.6	61.4	1	1
295	Asphalt paving and roofing materials	250.9	32.0	218.9	29.0	3.5	25.4	229.4	27.1	202.4	28.1	4.3	23.8	5	19
2951	Asphalt paving mixtures and blocks	122.6	17.7	104.9	24.7	3.1	21.6	127.3	12.0	115.2	22.7	3.0	19.7	8	20
2952	Asphalt felts and coatings	128.3	14.3	114.0	4.2	.4	3.8	102.2	15.0	87.1	5.4	1.3	4.1	5	47
299	Miscellaneous petroleum and coal products	124.2	20.6	103.6	50.4	3.5	47.0	108.0	16.2	91.8	11.1	3.5	7.6	20	11
2992	Lubricating oils and greases	97.6	15.5	82.2	(D)	(D)	(D)	86.9	14.8	72.1	4.5	(D)	(D)	24	(X)
2999	Petroleum and coal products, n.e.c.	26.6	5.1	21.5	(D)	(D)	(D)	21.1	1.5	19.7	6.6	(D)	(D)	34	(X)
30	Rubber and miscellaneous plastics products	7 021.7	1 189.3	5 832.4	437.3	130.0	307.3	6 639.1	953.7	5 685.4	399.8	121.9	278.0	4	33
301	Tires and inner tubes	578.5	52.3	526.2	12.8	.7	12.2	467.2	44.5	422.7	8.8	.3	8.5	1	1
3011	Tires and inner tubes	578.5	52.3	526.2	12.8	.7	12.2	467.2	44.5	422.7	8.8	.3	8.5	1	1
302	Rubber and plastics footwear	8.8	.5	8.3	.5	.4	.1	8.9	.8	8.1	.4	.1	.3	5	11
3021	Rubber and plastics footwear	8.8	.5	8.3	.5	.4	.1	8.9	.8	8.1	.4	.1	.3	5	11
305	Hose and belting and gaskets and packing	341.0	68.0	273.0	30.9	(D)	(D)	293.1	45.2	247.9	30.9	(D)	(D)	12	59
3052	Rubber and plastics hose and belting	137.8	20.0	117.8	1.8	(D)	(D)	142.0	24.2	117.8	7.1	(D)	(D)	4	28
3053	Gaskets, packing, and sealing devices	203.2	47.9	155.2	29.1	1.5	27.5	151.1	21.0	130.1	23.8	.1	23.7	20	63
306	Fabricated rubber products, n.e.c.	435.3	66.6	368.6	174.2	(D)	(D)	401.0	70.8	330.2	121.4	(D)	(D)	6	80
3061	Mechanical rubber goods	166.3	15.9	150.4	152.2	(D)	(D)	175.1	37.9	137.2	107.9	(D)	(D)	6	92
3069	Fabricated rubber products, n.e.c.	269.0	50.7	218.2	22.1	1.6	20.4	225.9	32.9	193.0	13.5	7.9	5.5	8	39
308	Miscellaneous plastics products, n.e.c.	5 658.1	1 001.8	4 656.3	218.8	68.4	150.5	5 468.9	792.4	4 676.5	238.4	72.0	166.4	5	11
3081	Unsupported plastics film and sheet	767.6	117.5	650.1	15.7	7.7	8.0	619.6	64.3	555.3	42.9	12.4	30.5	6	41
3082	Unsupported plastics profile shapes	150.2	25.8	124.4	4.8	2.3	2.5	197.4	25.0	172.5	20.8	15.4	5.4	11	41
3083	Laminated plastics plate, sheet, and profile shapes	97.4	11.6	85.8	(D)	(D)	(D)	80.6	14.8	65.8	(D)	(D)	(D)	5	(X)
3084	Plastics pipe	155.7	16.8	138.9	11.7	8.2	3.5	188.8	39.8	149.1	18.2	5.1	13.2	8	43
3085	Plastics bottles	391.6	23.0	368.5	16.4	1.9	14.5	560.9	30.9	530.0	14.4	1.7	12.7	8	16
3086	Plastics foam products	577.1	116.6	460.5	13.6	2.9	10.7	564.9	116.2	448.7	16.9	2.5	14.5	9	26
3087	Custom compounding of purchased plastics resins	191.8	39.9	151.8	11.6	(D)	(D)	187.8	49.8	138.0	9.1	(D)	(D)	6	47
3088	Plastics plumbing fixtures	53.4	7.6	45.7	(D)	(D)	(D)	46.1	7.9	38.1	(D)	(D)	(D)	21	(X)
3089	Plastics products, n.e.c.	3 273.4	643.0	2 630.4	143.3	43.5	99.8	3 022.8	443.7	2 579.1	114.6	30.7	83.9	7	15
31	Leather and leather products	127.8	(D)	(D)	(D)	(D)	3.3	125.6	(D)	(D)	(D)	(D)	7.8	10	(X)
311	Leather tanning and finishing	51.9	12.9	39.0	2.0	(D)	(D)	57.6	24.4	33.2	2.1	(D)	(D)	4	56
3111	Leather tanning and finishing	51.9	12.9	39.0	2.0	(D)	(D)	57.6	24.4	33.2	2.1	(D)	(D)	4	56
313	Footwear cut stock . . . . .	.9	.1	.9	(D)	(D)	(D)	.8	.2	.6	(D)	(D)	(D)	28	(X)
3131	Footwear cut stock . . . . .	.9	.1	.9	(D)	(D)	(D)	.8	.2	.6	(D)	(D)	(D)	28	(X)
314	Footwear, except rubber	34.5	(D)	(D)	4.3	2.3	2.0	34.2	(D)	(D)	1.2	.1	1.1	10	14
3142	House slippers	1.2	(D)	(D)	—	(Z)	—	1.5	(D)	(D)	—	—	(Z)	72	(X)
3143	Men's footwear, except athletic	25.8	3.8	22.0	2.8	1.8	1.0	23.6	3.9	19.7	.8	.1	.7	11	1
3144	Women's footwear, except athletic	2.4	.2	2.3	(D)	.5	(D)	4.3	.3	4.0	(D)	—	(D)	36	(X)
3149	Footwear, except rubber, n.e.c.	5.1	.7	4.4	(D)	(D)	(D)	4.7	.9	3.9	(D)	(D)	(D)	31	(X)
315	Leather gloves and mittens	12.3	1.3	11.0	(D)	(D)	(D)	18.4	6.6	11.8	(D)	(D)	(D)	94	(X)
3151	Leather gloves and mittens	12.3	1.3	11.0	(D)	(D)	(D)	18.4	6.6	11.8	(D)	(D)	(D)	94	(X)
316	Luggage	17.8	.1	17.7	(D)	(D)	(D)	6.1	.4	5.7	(D)	(D)	(D)	3	(X)
3161	Luggage	17.8	.1	17.7	(D)	(D)	(D)	6.1	.4	5.7	(D)	(D)	(D)	3	(X)
317	Handbags and personal leather goods	6.4	1.1	5.3	(D)	(D)	(D)	5.8	1.5	4.3	(D)	(D)	(D)	19	(X)
3171	Women's handbags and purses	3.6	.3	3.3	(D)	(D)	(D)	3.7	.6	3.1	(D)	(D)	(D)	26	(X)
3172	Personal leather goods, n.e.c.	2.8	.8	2.0	(D)	(D)	(D)	2.1	.8	1.3	(D)	(D)	(D)	26	(X)
319	Leather goods, n.e.c.	4.0	.1	3.9	.2	.2	(Z)	2.7	.1	2.6	4.6	—	4.6	30	26
3199	Leather goods, n.e.c.	4.0	.1	3.9	.2	.2	(Z)	2.7	.1	2.6	4.6	—	4.6	30	26

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996						1995						Standard error of estimate ¹ (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
32	Stone, clay, and glass products ...	4 157.4	652.3	3 505.1	260.7	33.4	227.3	3 366.5	459.3	2 907.2	223.6	50.8	172.8	3	12
321	Flat glass	248.0	62.1	185.9	(D)	(D)	(D)	170.2	8.3	162.0	(D)	(D)	(D)	1	(X)
3211	Flat glass	248.0	62.1	185.9	(D)	(D)	(D)	170.2	8.3	162.0	(D)	(D)	(D)	1	(X)
322	Glass and glassware, pressed or blown	853.3	103.7	749.6	18.1	1.1	17.0	673.0	65.0	608.0	8.9	6.0	2.9	1	31
3221	Glass containers	243.0	13.2	229.8	15.0	.2	14.8	197.9	11.4	186.5	6.6	5.7	.9	4	37
3229	Pressed and blown glass, n.e.c.	610.3	90.5	519.9	3.1	.9	2.2	475.0	53.6	421.4	2.3	.3	2.0	1	32
323	Products of purchased glass	492.5	128.4	364.1	(D)	(D)	(D)	314.3	59.5	254.9	(D)	(D)	(D)	3	(X)
3231	Products of purchased glass	492.5	128.4	364.1	(D)	(D)	(D)	314.3	59.5	254.9	(D)	(D)	(D)	3	(X)
324	Cement, hydraulic	494.8	70.9	423.9	7.7	.1	7.6	282.2	58.5	223.7	6.3	.8	5.5	14	16
3241	Cement, hydraulic	494.8	70.9	423.9	7.7	.1	7.6	282.2	58.5	223.7	6.3	.8	5.5	14	16
325	Structural clay products	201.3	23.5	177.8	11.6	.7	10.9	159.6	22.2	137.3	13.5	2.8	10.8	17	19
3251	Brick and structural clay tile	132.9	15.7	117.2	9.0	.6	8.5	77.1	9.4	67.7	11.3	2.0	9.3	24	24
3253	Ceramic wall and floor tile	45.6	4.6	41.1	1.6	.1	1.5	61.5	10.6	50.8	1.1	.5	.6	27	28
3255	Clay refractories	18.6	2.9	15.7	.7	.1	.7	16.6	1.7	14.9	.9	.3	.6	11	23
3259	Structural clay products, n.e.c.	4.2	.4	3.7	.3	—	.3	4.4	.5	3.9	.3	.1	.2	46	54
326	Pottery and related products	153.5	23.2	130.3	5.4	.4	5.0	148.5	12.5	136.0	13.7	.1	13.6	29	11
3261	Vitreous plumbing fixtures	11.7	1.2	10.5	(D)	(D)	(D)	23.3	4.3	19.0	(D)	(D)	(D)	1	(X)
3262	Vitreous china table and kitchenware	(D)	(D)	(D)	(D)	(D)	(D)	9.3	.6	8.7	(D)	(D)	(D)	(X)	(X)
3263	Semivitreous table and kitchenware	(D)	(D)	(D)	.4	(Z)	.4	3.3	.1	3.2	.7	(Z)	.7	(X)	89
3264	Porcelain electrical supplies	107.4	19.5	87.8	3.9	.4	3.5	89.7	4.6	85.1	11.7	(Z)	11.7	41	11
3269	Pottery products, n.e.c.	17.3	1.0	16.2	.9	(Z)	.8	23.0	3.0	19.9	1.2	(Z)	1.1	6	4
327	Concrete, gypsum, and plaster products	1 199.5	183.5	1 016.0	187.0	24.1	162.9	1 076.0	146.2	929.7	162.2	36.6	125.6	7	15
3271	Concrete block and brick	115.5	17.2	98.2	10.1	.8	9.3	100.9	18.8	82.1	7.9	.9	7.0	24	23
3272	Concrete products, n.e.c.	346.5	49.6	296.9	33.0	10.0	23.0	272.3	46.6	225.8	43.8	18.1	25.7	10	10
3273	Ready-mixed concrete	554.4	67.6	486.8	140.7	13.3	127.4	527.5	59.5	468.0	110.2	17.5	92.7	7	20
3274	Lime	60.4	32.1	28.4	1.9	(Z)	1.8	21.2	.7	20.5	(Z)	(Z)	(Z)	54	33
3275	Gypsum products	122.8	17.0	105.8	1.3	—	1.3	124.0	20.6	103.4	.2	(Z)	(Z)	27	58
328	Cut stone and stone products	50.4	5.0	45.4	2.4	.5	1.9	42.5	14.2	28.3	2.7	1.7	.9	31	31
3281	Cut stone and stone products	50.4	5.0	45.4	2.4	.5	1.9	42.5	14.2	28.3	2.7	1.7	.9	31	31
329	Miscellaneous nonmetallic mineral products	464.0	52.0	412.0	(D)	(D)	(D)	500.2	72.9	427.3	(D)	(D)	(D)	5	(X)
3291	Abrasive products	125.1	14.5	110.5	.7	(D)	(D)	150.6	19.0	131.7	2.1	(D)	(D)	10	29
3292	Asbestos products	—	—	—	—	—	—	—	—	—	—	—	(X)	(X)	(X)
3295	Minerals, ground or treated	88.4	10.4	78.0	12.3	1.3	11.0	86.9	7.7	79.1	4.1	.1	4.0	15	34
3296	Mineral wool	185.5	20.1	165.5	(D)	(D)	(D)	190.6	33.0	157.6	.7	(Z)	.7	7	(X)
3297	Nonclay refractories	42.7	5.3	37.5	1.0	(Z)	1.0	35.9	4.9	31.0	1.8	.4	1.4	5	14
3299	Nonmetallic mineral products, n.e.c.	22.3	1.8	20.5	(D)	(D)	(D)	36.2	8.2	28.0	(D)	(D)	(D)	5	(X)
33	Primary metal industries	7 299.1	973.4	6 325.7	255.2	57.5	197.8	6 671.7	868.6	5 803.1	381.9	65.8	316.1	4	14
331	Blast furnace and basic steel products	3 432.9	330.1	3 102.8	65.1	10.2	54.9	3 298.7	244.4	3 054.3	103.6	8.7	94.8	2	6
3312	Blast furnaces and steel mills	2 818.2	219.6	2 598.7	47.0	8.8	38.2	2 751.0	159.4	2 591.6	87.2	5.6	81.6	1	1
3313	Electrometallurgical products	30.9	5.8	25.1	(D)	(D)	(D)	15.4	1.5	13.9	(D)	(D)	(D)	2	(X)
3315	Steel wire and related products	243.7	55.9	187.8	7.7	.7	7.0	187.5	32.8	154.7	8.7	.7	6.0	22	31
3316	Cold finishing of steel shapes	178.4	27.2	151.3	(D)	(D)	(D)	165.8	25.9	139.9	(D)	(D)	(D)	10	(X)
3317	Steel pipe and tubes	161.7	21.8	139.9	4.7	.5	4.3	179.0	24.9	154.1	4.5	1.2	3.3	5	12
332	Iron and steel foundries	650.9	79.3	571.6	(D)	(D)	(D)	621.4	176.2	445.2	(D)	(D)	(D)	4	(X)
3321	Gray and ductile iron foundries	495.9	58.1	437.8	19.8	5.9	13.9	478.6	161.3	317.3	20.6	4.4	16.3	4	20
3322	Malleable iron foundries	15.8	1.8	14.0	(D)	(D)	(D)	10.0	.2	9.8	(D)	(D)	(D)	11	(X)
3324	Steel investment foundries	73.7	10.0	63.7	1.9	—	1.9	63.4	6.5	56.9	1.5	(Z)	1.4	16	32
3325	Steel foundries, n.e.c.	65.5	9.3	56.2	10.3	2.8	7.5	69.4	8.2	61.2	9.5	2.2	7.3	7	5
333	Primary nonferrous metals	634.6	157.7	476.8	(D)	(D)	(D)	476.1	94.1	382.0	(D)	(D)	(D)	2	(X)
3331	Primary copper	235.9	43.0	192.9	(D)	(D)	(D)	179.7	46.9	132.8	(D)	(D)	(D)	1	(X)
3334	Primary aluminum	207.0	69.8	137.2	(D)	(D)	(D)	151.6	8.4	143.2	(D)	(D)	(D)	1	(X)
3339	Primary nonferrous metals, n.e.c.	191.6	44.9	146.7	1.7	.3	1.4	144.9	38.9	106.0	1.4	.4	1.0	4	5
334	Secondary nonferrous metals	90.3	11.3	79.0	3.5	.2	3.3	95.7	17.6	78.1	13.2	3.5	9.8	12	11
3341	Secondary nonferrous metals	90.3	11.3	79.0	3.5	.2	3.3	95.7	17.6	78.1	13.2	3.5	9.8	12	11
335	Nonferrous rolling and drawing	1 761.1	278.9	1 482.2	50.2	16.1	34.1	1 422.8	189.9	1 232.9	93.1	20.8	72.3	12	14
3351	Copper rolling and drawing	201.2	17.9	183.3	(D)	(D)	(D)	251.9	35.2	216.7	(D)	(D)	(D)	38	(X)
3353	Aluminum sheet, plate, and foil	400.2	130.1	270.1	(D)	(D)	(D)	378.8	44.0	334.8	(D)	(D)	(D)	1	(X)
3354	Aluminum extruded products	179.2	58.8	120.4	9.1	1.5	7.6	179.2	31.1	148.1	5.9	.3	5.6	6	25
3355	Aluminum rolling and drawing, n.e.c.	7.8	.9	6.9	(D)	(D)	(D)	7.5	.6	6.9	(D)	(D)	(D)	1	(X)
3356	Nonferrous rolling and drawing, n.e.c.	113.0	10.4	102.6	14.2	5.6	8.6	75.0	8.7	66.3	8.4	1.1	7.2	8	25
3357	Nonferrous wire drawing and insulating	859.6	60.7	798.9	14.9	3.2	11.7	530.4	70.3	460.1	68.4	16.7	51.7	23	16
336	Nonferrous foundries (castings)	458.9	62.8	396.0	55.1	10.3	44.8	488.4	98.1	390.3	62.1	9.0	53.1	10	59
3363	Aluminum die-castings	228.9	29.2	199.7	39.5	3.6	36.0	223.3	35.0	188.2	51.6	7.4	44.2	13	81
3364	Nonferrous die-castings, except aluminum	48.2	5.3	42.9	8.5	4.6	3.9	56.0	4.7	51.3	4.0	.4	3.6	25	55
3365	Aluminum foundries	163.7	27.9	135.8	5.5	1.0	4.4	177.3	50.3	127.0	5.8	1.1	4.7	20	23
3366	Copper foundries	5.2	.2	5.0	.2	—	.2	18.5	7.4	11.1	.2	(Z)	.1	68	13
3369	Nonferrous foundries, n.e.c.	12.9	.3	12.7	1.4	1.1	.4	13.2	.6	12.6	.5	.1	.4	48	67
339	Miscellaneous primary metal products	270.5	53.2	217.3	28.2	10.4	17.9	268.6	48.3	220.4	18.8	3.3	15.5	11	32
3398	Metal heat treating	181.8	28.0	153.8	22.8	9.8	13.0	175.0	27.7	147.3	10.8	1.0	9.8	17	40
3399	Primary metal products, n.e.c.	88.7	25.2	63.5	5.4	.5	4.9	93.7	20.6	73.1	8.0	2.3	5.6	5	17

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996						1995						Standard error of estimate ¹ (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
34	Fabricated metal products	6 873.5	1 238.8	5 634.8	736.1	123.7	612.4	7 089.7	1 091.9	5 997.7	656.5	190.9	465.6	3	17
341	Metal cans and shipping containers	525.5	36.7	488.7	6.2	.2	6.0	503.8	53.4	450.4	7.2	1.1	6.2	2	6
3411	Metal cans	495.3	34.6	460.8	3.8	.2	3.6	471.4	51.4	420.0	5.1	.8	4.3	1	6
3412	Metal barrels, drums, and pails	30.1	2.2	28.0	2.4	(Z)	2.4	32.4	2.0	30.4	2.1	.3	1.8	17	13
342	Cutlery, handtools, and hardware	620.4	56.3	564.1	38.4	(D)	(D)	603.3	76.5	526.7	55.0	(D)	(D)	6	25
3421	Cutlery	160.0	6.1	153.9	1.5	(D)	(D)	80.8	27.7	53.1	5.2	(D)	(D)	11	87
3423	Hand and edge tools, n.e.c.	130.5	14.2	116.3	18.7	10.0	8.7	134.1	14.7	119.4	12.8	7.0	5.8	17	47
3425	Saw blades and handsaws	58.0	10.6	47.4	.3	(D)	(D)	48.6	2.2	46.4	15.0	(D)	(D)	23	58
3429	Hardware, n.e.c.	271.9	25.4	246.5	17.9	5.5	12.5	339.8	32.0	307.8	22.0	2.5	19.5	7	17
343	Plumbing and heating, except electric	178.0	34.3	143.7	7.0	.4	6.6	176.6	52.7	124.0	7.2	3.9	3.3	9	40
3431	Metal sanitary ware	19.7	1.8	17.8	.1	(Z)	.1	24.2	3.7	20.5	.4	.1	.3	1	6
3432	Plumbing fixture fittings and trim	84.2	11.3	72.8	4.4	(Z)	4.4	86.1	22.6	63.5	1.2	.5	.8	7	61
3433	Heating equipment, except electric	74.2	21.1	53.0	2.4	.3	2.1	66.3	26.4	39.9	5.6	3.3	2.3	20	15
344	Fabricated structural metal products	1 138.9	245.8	893.1	134.6	34.8	99.8	1 062.5	242.6	819.8	138.7	34.6	104.2	7	10
3441	Fabricated structural metal	171.7	39.7	132.0	33.1	10.7	22.3	166.1	47.3	118.8	29.1	9.3	19.8	5	12
3442	Metal doors, sash, and trim	136.3	25.9	110.4	5.5	1.8	3.7	132.4	24.1	108.4	5.1	1.5	3.6	12	10
3443	Fabricated plate work (boiler shops)	303.1	89.8	213.3	40.8	8.6	32.2	278.7	84.7	194.0	37.0	5.8	31.3	24	30
3444	Sheet metal work	347.3	38.9	308.4	36.7	10.3	26.4	321.7	46.1	275.7	47.2	13.8	33.4	7	9
3446	Architectural metal work	48.5	11.0	37.5	8.0	1.8	6.3	45.1	10.3	34.8	6.5	2.5	4.0	10	10
3448	Prefabricated metal buildings	73.0	27.0	46.0	3.0	.3	2.7	67.4	22.3	45.2	4.5	.3	4.3	18	27
3449	Miscellaneous metal work	59.0	13.4	45.6	7.4	1.3	6.1	51.0	8.0	43.0	9.4	1.4	7.9	13	34
345	Screw machine products, bolts, etc.	420.6	48.8	371.8	69.7	4.8	64.8	635.7	65.1	570.6	59.6	7.6	52.0	11	17
3451	Screw machine products	231.0	34.3	196.8	47.0	2.2	44.8	249.9	34.1	215.7	36.6	4.4	32.2	18	24
3452	Bolts, nuts, rivets, and washers	189.5	14.5	175.0	22.6	2.6	20.0	385.8	30.9	354.9	23.1	3.3	19.8	10	12
346	Metal forgings and stampings	1 908.3	458.9	1 449.4	152.9	(D)	(D)	2 141.0	229.9	1 911.1	156.1	(D)	(D)	6	15
3462	Iron and steel forgings	96.4	13.0	83.4	15.1	.4	14.7	89.3	13.9	75.4	20.0	(D)	(D)	15	23
3463	Nonferrous forgings	(D)	(D)	(D)	(D)	(D)	(D)	50.8	3.8	47.0	1.8	(D)	(D)	(X)	(X)
3465	Automotive stampings	1 212.6	352.7	859.9	79.1	18.1	61.1	1 441.0	112.2	1 328.8	69.6	13.7	55.9	5	27
3466	Crowns and closures	(D)	(D)	(D)	(D)	(D)	(D)	26.0	1.1	25.0	2.1	.2	1.9	(X)	(X)
3469	Metal stampings, n.e.c.	477.5	61.6	416.0	54.1	6.8	47.2	533.9	98.9	435.0	62.6	20.6	42.0	19	11
347	Metal services, n.e.c.	724.1	122.9	601.2	55.5	17.3	38.3	540.6	122.0	418.7	47.4	19.9	27.5	5	22
3471	Plating and polishing	260.8	46.1	214.7	45.0	13.4	31.6	272.0	65.0	207.0	39.6	17.8	21.8	10	26
3479	Metal coating and allied services	463.4	76.8	386.6	10.5	3.8	6.7	268.6	56.9	211.7	7.8	2.1	5.7	4	20
348	Ordnance and accessories, n.e.c.	84.9	13.5	71.4	3.3	1.4	1.9	91.7	14.7	77.0	3.4	1.7	1.7	2	1
3482	Small arms ammunition	26.1	3.8	22.3	(D)	(D)	(D)	30.1	5.7	24.4	.2	(Z)	.2	1	(X)
3483	Ammunition, except for small arms, n.e.c.	13.1	2.5	10.6	(D)	(D)	(D)	13.8	2.9	10.8	(D)	(D)	(D)	1	(X)
3484	Small arms	31.0	5.5	25.5	2.2	.9	1.4	34.4	4.8	29.6	1.9	.8	1.1	6	1
3489	Ordnance and accessories, n.e.c.	14.7	1.7	13.0	(D)	(D)	(D)	13.5	1.3	12.2	(D)	(D)	(D)	1	(X)
349	Miscellaneous fabricated metal products	1 273.0	221.6	1 051.3	268.6	24.0	244.6	1 334.5	235.1	1 099.5	181.8	60.5	121.3	4	43
3491	Industrial valves	241.8	27.5	214.3	12.9	.8	12.2	236.7	39.0	197.8	10.0	.8	9.2	6	24
3492	Fluid power valves and hose fittings	168.0	18.3	149.7	6.4	1.9	4.5	176.2	17.3	158.9	12.1	3.5	8.7	10	27
3493	Steel springs, except wire	15.7	1.2	14.5	1.3	.2	1.0	18.9	2.1	16.8	2.1	1.5	.7	15	70
3494	Valves and pipe fittings, n.e.c.	88.7	9.6	79.0	11.0	1.6	9.3	73.4	12.8	60.6	7.4	1.7	5.6	20	8
3495	Wire springs	102.9	33.7	69.2	13.9	11.2	2.8	89.1	8.7	80.4	33.2	29.1	4.1	29	74
3496	Miscellaneous fabricated wire products	88.2	20.0	68.1	15.5	2.5	13.1	137.7	31.3	106.5	11.0	3.7	7.3	11	25
3497	Metal foil and leaf	116.8	11.8	104.9	1.4	.3	1.1	108.9	7.4	101.5	11.6	.1	11.5	5	18
3498	Fabricated pipe and fittings	133.7	37.2	96.5	37.3	1.1	36.2	111.2	20.4	90.8	43.5	5.3	38.2	7	59
3499	Fabricated metal products, n.e.c.	317.3	62.2	255.0	168.9	4.4	164.5	382.3	96.1	286.2	50.9	14.9	36.0	7	67
35	Industrial machinery and equipment	11 450.7	2 039.1	9 411.5	783.8	283.8	500.0	9 971.3	1 605.5	8 365.9	889.9	264.2	625.7	2	7
351	Engines and turbines	677.6	92.5	585.1	19.4	(D)	(D)	661.4	84.6	576.8	15.5	(D)	(D)	3	4
3511	Turbines and turbine generator sets	150.1	17.8	132.3	5.1	(D)	(D)	161.9	33.0	128.9	3.4	(D)	(D)	3	10
3519	Internal combustion engines, n.e.c.	527.5	74.7	452.8	14.3	5.8	8.5	499.4	51.5	447.9	12.0	4.1	7.9	4	5
352	Farm and garden machinery	414.4	55.1	359.3	17.4	3.3	14.1	415.5	90.5	325.0	16.7	2.3	14.4	8	8
3523	Farm machinery and equipment	294.1	42.9	251.2	11.0	1.6	9.3	289.8	67.3	222.5	11.1	1.3	9.8	10	12
3524	Lawn and garden equipment	120.3	12.2	108.1	6.4	1.7	4.7	125.7	23.2	102.5	5.7	1.0	4.6	12	7
353	Construction and related machinery	888.9	168.2	720.6	(D)	(D)	(D)	822.2	194.3	627.9	(D)	(D)	(D)	7	(X)
3531	Construction machinery	450.2	69.3	380.9	16.6	7.6	9.1	442.9	82.2	360.7	16.9	4.8	12.0	6	27
3532	Mining machinery	43.8	10.4	33.4	(D)	(D)	(D)	29.8	8.4	21.4	(D)	(D)	(D)	23	(X)
3533	Oil and gas field machinery	157.1	25.5	131.6	10.8	5.3	5.5	122.7	43.4	79.4	16.3	7.4	8.9	31	54
3534	Elevators and moving stairways	24.3	5.6	18.7	1.4	.1	1.3	17.7	3.1	14.6	1.0	.2	.7	7	22
3535	Conveyors and conveying equipment	87.7	24.7	63.1	3.8	1.2	2.7	103.2	33.6	69.6	4.9	1.1	3.8	15	12
3536	Hoists, cranes, and monorails	18.8	3.3	15.4	1.1	.2	.9	11.4	3.9	7.4	2.6	1.3	1.3	45	9
3537	Industrial trucks and tractors	107.1	29.4	77.7	2.5	1.9	.6	94.4	19.7	74.8	7.5	1.0	6.5	15	2

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996						1995						Standard error of estimate ¹ (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
35	Industrial machinery and equipment—Con.														
354	Metalworking machinery	1 484.7	261.3	1 223.4	(D)	(D)	(D)	1 475.2	250.5	1 224.7	(D)	(D)	(D)	5	(X)
3541	Machine tools, metal cutting types	116.7	23.4	93.4	9.4	5.3	4.1	134.1	48.0	86.1	3.7	1.6	2.1	12	45
3542	Machine tools, metal forming types	52.0	7.3	44.7	1.7	.1	1.6	56.2	18.9	37.3	1.7	.4	1.3	15	51
3543	Industrial patterns	24.3	2.2	22.1	4.4	1.9	2.5	34.9	2.8	32.1	2.4	1.0	1.4	24	40
3544	Special dies, tools, jigs, and fixtures	698.9	140.9	558.0	66.2	6.7	59.5	721.7	128.0	593.6	84.5	18.5	66.0	5	9
3545	Machine tool accessories	282.5	30.1	252.4	18.8	3.1	15.7	245.3	24.1	221.2	29.7	10.2	19.4	15	22
3546	Power-driven handtools	118.2	19.5	98.7	(D)	(D)	(D)	117.8	5.5	112.4	(D)	(D)	(D)	1	(X)
3547	Rolling mill machinery	21.1	4.8	16.3	1.7	.3	1.5	13.0	1.6	11.3	2.5	.2	2.3	28	46
3548	Welding apparatus	124.1	21.7	102.4	5.9	1.5	4.5	89.3	9.1	80.2	2.1	.6	1.5	36	57
3549	Metalworking machinery, n.e.c.	46.9	11.3	35.5	10.1	7.7	2.4	62.9	12.5	50.4	10.7	1.0	9.7	13	63
355	Special industry machinery	1 333.7	293.9	1 039.8	48.5	12.6	35.9	1 001.6	191.0	810.6	104.5	56.6	48.0	11	13
3552	Textile machinery	41.1	4.4	36.6	2.4	1.5	.9	66.4	15.7	50.7	5.7	4.5	1.2	28	49
3553	Woodworking machinery	32.5	3.0	29.5	1.2	.8	.5	28.2	2.3	25.9	7.4	2.7	4.7	32	14
3554	Paper industries machinery	75.3	14.6	60.7	4.6	1.8	2.7	90.6	20.4	70.2	9.1	1.2	7.8	6	23
3555	Printing trades machinery	106.2	24.8	81.5	3.7	1.7	2.1	101.2	14.3	86.9	5.3	1.4	3.9	17	25
3556	Food products machinery	67.0	10.8	56.2	5.0	(Z)	5.1	43.0	4.6	38.4	4.7	2.5	2.2	24	59
3559	Special industry machinery, n.e.c.	1 011.5	236.3	775.2	31.5	6.8	24.7	672.3	133.9	538.4	72.3	44.2	28.1	14	16
356	General industrial machinery	1 259.7	222.8	1 036.9	82.1	25.5	56.5	1 121.8	187.3	934.5	90.6	30.3	60.3	3	8
3561	Pumps and pumping equipment	179.3	36.8	142.5	10.7	1.8	8.9	161.9	27.7	134.2	13.9	8.2	5.7	6	11
3562	Ball and roller bearings	272.6	20.9	251.7	11.2	1.1	10.1	248.1	30.0	218.1	9.5	.7	8.8	6	10
3563	Air and gas compressors	123.2	16.8	106.5	10.7	5.2	5.6	128.1	18.2	109.9	9.0	.3	6.7	10	8
3564	Blowers and fans	90.8	28.1	62.8	4.8	(D)	(D)	72.6	12.7	59.9	8.7	5.8	2.9	9	75
3565	Packaging machinery	111.4	26.0	85.5	4.4	1.7	2.8	87.0	17.0	70.0	3.2	.5	2.6	8	21
3566	Speed changers, drives, and gears	105.0	11.2	93.8	12.7	(D)	(D)	81.4	16.5	64.9	20.0	3.9	16.0	10	23
3567	Industrial furnaces and ovens	41.9	8.9	33.0	2.3	.9	1.4	51.7	9.7	42.0	1.8	.7	1.1	19	26
3568	Power transmission equipment, n.e.c.	85.0	13.1	71.9	6.9	.5	6.5	85.7	10.6	75.0	10.7	1.6	9.1	4	6
3569	General industrial machinery, n.e.c.	250.4	61.2	189.1	18.3	9.4	9.0	205.4	44.8	160.6	13.9	6.6	7.3	7	22
357	Computer and office equipment	2 916.8	530.1	2 386.7	(D)	92.1	(D)	2 093.1	280.7	1 812.4	(D)	49.5	(D)	3	(X)
3571	Electronic computers	845.9	193.2	652.7	95.6	58.4	37.2	884.5	97.1	787.4	87.1	34.2	52.9	1	1
3572	Computer storage devices	956.3	162.3	794.0	11.6	3.7	7.9	615.0	79.5	535.5	16.9	4.8	12.1	1	6
3575	Computer terminals	26.0	4.1	21.9	2.4	2.2	.2	47.3	6.3	41.0	6.2	3.8	2.5	5	21
3577	Computer peripheral equipment, n.e.c.	855.5	118.2	737.4	41.3	19.0	22.3	355.1	79.4	275.7	30.4	3.2	27.2	2	3
3578	Calculating and accounting equipment	113.8	36.4	77.5	(D)	(D)	(D)	67.1	6.8	60.4	(D)	(D)	(D)	57	(X)
3579	Office machines, n.e.c.	119.3	15.9	103.3	(D)	(D)	(D)	124.0	11.6	112.4	(D)	(D)	(D)	2	(X)
358	Refrigeration and service machinery	907.1	153.2	754.0	(D)	(D)	(D)	879.1	112.9	766.2	(D)	(D)	(D)	2	(X)
3581	Automatic vending machines	28.4	1.6	26.7	(D)	(D)	(D)	28.6	2.2	26.5	(D)	(D)	(D)	3	(X)
3582	Commercial laundry equipment	7.6	2.1	5.5	.1	.1	(Z)	3.5	.3	3.3	.3	(Z)	.3	2	15
3585	Refrigeration and heating equipment	717.0	126.0	591.0	17.7	4.4	13.3	671.5	84.7	586.8	21.2	6.1	15.1	2	20
3586	Measuring and dispensing pumps	25.8	1.3	24.5	(Z)	(Z)	—	26.8	5.2	21.6	.1	(Z)	.1	13	(X)
3589	Service industry machinery, n.e.c.	128.4	22.2	106.2	9.6	3.9	5.7	148.6	20.6	128.0	12.3	4.2	8.0	9	37
359	Industrial machinery, n.e.c.	1 567.8	262.0	1 305.8	(D)	(D)	(D)	1 501.5	213.6	1 287.9	(D)	(D)	(D)	6	(X)
3592	Carburetors, pistons, rings, and valves	174.9	62.0	112.9	(D)	(D)	(D)	158.4	14.4	144.0	(D)	(D)	(D)	6	(X)
3593	Fluid power cylinders and actuators	92.4	13.2	79.2	12.1	1.2	10.9	88.6	16.0	72.6	15.1	.8	14.3	14	69
3594	Fluid power pumps and motors	83.3	10.3	73.0	.9	.2	.7	89.9	7.7	82.2	1.1	.4	.7	14	11
3596	Scales and balances, except laboratory	15.7	1.2	14.5	(D)	(D)	(D)	12.7	3.4	9.3	(D)	(D)	(D)	22	(X)
3599	Industrial machinery, n.e.c.	1 201.6	175.4	1 026.2	245.8	78.8	167.0	1 151.9	172.1	979.7	271.7	56.1	215.6	7	19
36	Electronic and other electric equipment	20 867.4	5 005.0	15 862.3	1 289.5	611.7	677.8	17 207.5	3 758.5	13 449.0	455.8	204.3	251.5	2	2
361	Electric distribution equipment	308.1	56.6	251.5	(D)	(D)	(D)	287.5	52.5	235.1	(D)	(D)	(D)	19	(X)
3612	Transformers, except electronic	144.2	36.6	107.5	(D)	(D)	(D)	132.1	32.8	99.3	(D)	(D)	(D)	40	(X)
3613	Switchgear and switchboard apparatus	164.0	20.0	144.0	4.2	.1	4.0	155.4	19.7	135.7	3.1	.1	3.0	6	31
362	Electrical industrial apparatus	783.6	130.0	653.6	24.2	5.9	18.3	783.9	107.1	676.8	27.1	9.8	17.3	7	14
3621	Motors and generators	349.4	34.0	315.4	11.9	.5	11.3	336.7	29.7	307.0	12.7	4.5	8.3	14	24
3624	Carbon and graphite products	92.6	12.6	80.1	3.0	.4	2.6	73.9	11.8	62.1	3.2	.5	2.7	13	49
3625	Relays and industrial controls	280.4	76.7	203.7	4.5	3.3	1.2	304.7	57.7	247.1	6.3	2.9	3.4	4	11
3629	Electrical industrial apparatus, n.e.c.	61.2	6.7	54.5	4.8	1.7	3.2	68.5	7.9	60.6	4.9	1.9	3.0	15	14
363	Household appliances	721.2	93.8	627.4	(D)	(D)	(D)	630.0	70.0	560.0	(D)	(D)	(D)	8	(X)
3631	Household cooking equipment	144.2	39.4	104.8	9.5	(D)	(D)	116.7	9.0	107.7	.9	(D)	(D)	36	1
3632	Household refrigerators and freezers	191.2	15.5	175.7	2.9	(D)	(D)	175.6	19.3	156.3	.5	(D)	(D)	1	1
3633	Household laundry equipment	149.5	10.7	138.8	(D)	(D)	(D)	147.9	16.7	131.2	(D)	(D)	(D)	1	(X)
3634	Electric housewares and fans	62.3	5.8	56.5	3.7	(D)	(D)	80.5	12.2	68.3	1.3	(D)	(D)	9	20
3635	Household vacuum cleaners	85.7	12.3	73.4	.1	(D)	(D)	56.1	2.2	53.9	1.3	(D)	(D)	1	6
3639	Household appliances, n.e.c.	88.3	10.0	78.3	.6	(D)	(D)	53.3	10.6	42.6	.7	(D)	(D)	1	64

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996						1995						Standard error of estimate ¹ (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
36	Electronic and other electric equipment—Con.														
364	Electric lighting and wiring equipment	671.0	93.3	577.7	(D)	(D)	(D)	672.3	93.3	579.0	(D)	(D)	(D)	4	(X)
3641	Electric lamp bulbs and tubes . . .	145.7	12.6	133.1	(D)	(D)	(D)	156.2	7.8	148.5	(D)	(D)	(D)	3	(X)
3643	Current-carrying wiring devices . .	180.2	31.7	148.5	7.9	1.5	6.5	155.1	23.4	131.6	11.9	3.5	8.4	7	8
3644	Noncurrent-carrying wiring devices	99.9	11.6	88.4	(D)	(D)	(D)	90.9	20.0	70.9	(D)	(D)	(D)	12	(X)
3645	Residential lighting fixtures	19.1	3.3	15.8	1.1	.6	.5	20.8	5.1	15.7	1.3	.9	.4	16	25
3646	Commercial lighting fixtures	67.0	18.3	48.7	2.1	.6	1.5	51.0	5.6	45.4	.6	(Z)	.5	11	69
3647	Veicular lighting equipment	97.6	11.4	86.2	(D)	(D)	(D)	139.5	23.8	115.7	(D)	(D)	(D)	1	(X)
3648	Lighting equipment, n.e.c.	61.4	4.4	56.9	2.8	.7	2.1	58.9	7.6	51.3	3.3	.5	2.8	16	11
365	Household audio and video equipment	485.3	87.2	398.1	23.6	15.4	8.3	527.5	82.9	444.6	22.9	17.8	5.1	10	28
3651	Household audio and video equipment	276.0	62.1	214.0	3.5	.5	3.0	283.5	40.0	243.5	3.3	.3	3.0	16	44
3652	Prerecorded records and tapes . . .	209.2	25.1	184.1	20.1	14.9	5.3	243.9	42.9	201.1	19.6	17.5	2.1	8	32
366	Communications equipment	2 267.6	227.2	2 040.4	66.6	34.9	31.7	2 021.0	303.1	1 717.9	34.7	25.6	9.1	3	10
3661	Telephone and telegraph apparatus	730.8	77.4	653.4	29.1	(D)	(D)	741.6	98.6	643.0	8.7	(D)	(D)	5	1
3663	Radio and television communications equipment	1 357.2	123.5	1 233.7	25.1	(D)	(D)	1 157.0	175.2	981.9	14.7	(D)	(D)	3	26
3669	Communications equipment, n.e.c.	179.5	26.2	153.3	12.4	11.3	1.1	122.4	29.3	93.1	11.3	10.7	.7	18	3
367	Electronic components and accessories	14 345.0	4 075.9	10 269.1	1 087.9	519.6	568.3	11 212.9	2 909.8	8 303.1	246.8	100.9	146.0	3	1
3671	Electron tubes	181.4	18.2	163.3	6.7	2.1	4.5	142.1	53.2	88.9	.8	.3	.4	1	66
3672	Printed circuit boards	585.4	97.2	488.2	33.7	10.9	22.9	452.8	66.2	386.6	30.1	20.6	9.5	6	6
3674	Semiconductors and related devices	11 991.4	3 728.4	8 262.9	627.6	(D)	(D)	9 182.3	2 569.9	6 612.4	143.7	(D)	(D)	3	1
3675	Electronic capacitors	212.3	22.0	190.4	9.3	3.1	6.1	156.3	24.0	132.3	2.6	1.9	.7	32	61
3676	Electronic resistors	42.1	2.8	39.3	.9	(D)	(D)	40.6	2.1	38.5	1.3	(D)	(D)	11	44
3677	Electronic coils and transformers	21.8	3.2	18.6	1.3	.3	1.0	28.9	7.0	21.9	2.2	.9	1.3	19	31
3678	Electronic connectors	228.1	32.5	195.6	7.5	1.1	6.4	199.8	24.7	175.1	9.3	4.0	5.3	6	19
3679	Electronic components, n.e.c. . . .	1 082.4	171.5	910.9	401.1	356.8	44.3	1 010.1	162.7	847.4	56.9	24.6	32.3	4	2
369	Miscellaneous electrical equipment and supplies	1 285.6	241.1	1 044.5	(D)	(D)	(D)	1 072.3	139.9	932.4	(D)	(D)	(D)	2	(X)
3691	Storage batteries	199.4	65.5	133.9	(D)	(D)	(D)	178.5	25.8	152.7	(D)	(D)	(D)	2	(X)
3692	Primary batteries, dry and wet. . .	112.1	18.6	93.5	(D)	(D)	(D)	105.2	13.9	91.3	(D)	(D)	(D)	1	(X)
3694	Engine electrical equipment	240.0	16.0	224.0	5.4	2.1	3.3	224.1	10.4	213.7	3.9	2.6	1.2	3	14
3695	Magnetic and optical recording media	522.5	103.5	419.0	15.1	(D)	(D)	384.9	40.7	344.1	12.5	(D)	(D)	3	4
3699	Electrical equipment and supplies, n.e.c.	211.7	37.5	174.1	11.5	7.7	3.8	179.7	49.0	130.6	26.2	20.7	5.5	9	34
37	Transportation equipment	13 498.0	1 674.6	11 823.4	357.1	73.4	283.6	13 302.9	1 652.6	11 650.3	296.0	70.1	225.8	1	3
371	Motor vehicles and equipment	10 263.9	1 040.4	9 223.5	(D)	(D)	(D)	10 502.8	1 026.0	9 476.8	(D)	(D)	(D)	1	(X)
3711	Motor vehicles and car bodies . . .	4 381.7	483.3	3 898.5	(D)	(D)	(D)	4 521.0	492.1	4 028.9	(D)	(D)	(D)	1	(X)
3713	Truck and bus bodies	121.0	31.9	89.1	11.9	9.5	2.5	159.9	47.0	112.9	4.3	.3	4.0	18	39
3714	Motor vehicle parts and accessories	5 647.0	485.1	5 161.9	178.4	19.3	159.1	5 682.4	436.5	5 245.9	95.6	20.8	74.7	2	4
3715	Truck trailers	79.2	27.4	51.8	5.5	1.2	4.2	110.1	42.4	67.7	6.5	2.4	4.0	15	7
3716	Motor homes	34.9	12.7	22.2	2.4	1.5	1.0	29.3	7.9	21.4	2.5	1.9	.6	12	3
372	Aircraft and parts	2 023.4	(D)	(D)	63.2	(D)	(D)	1 734.1	(D)	(D)	60.1	(D)	(D)	2	4
3721	Aircraft	622.2	(D)	(D)	22.2	(D)	(D)	586.0	(D)	(D)	24.5	(D)	(D)	3	5
3724	Aircraft engines and engine parts	485.0	62.5	422.6	15.5	2.4	13.1	475.0	50.3	424.7	13.6	2.5	11.0	3	11
3728	Aircraft parts and equipment, n.e.c.	916.1	148.1	768.1	25.5	6.1	19.4	673.0	112.2	560.8	22.0	3.0	19.0	4	4
373	Ship and boat building and repairing	350.8	112.2	238.6	25.0	(D)	(D)	320.6	131.2	189.4	19.6	(D)	(D)	12	17
3731	Ship building and repairing	241.6	78.8	162.8	11.1	(D)	(D)	231.6	104.8	126.8	16.9	(D)	(D)	16	14
3732	Boat building and repairing	109.3	33.4	75.8	13.9	5.2	8.7	89.0	26.4	62.6	2.7	.8	1.9	9	28
374	Railroad equipment	96.5	21.4	75.1	9.6	4.8	4.7	124.5	46.8	77.7	11.7	5.2	6.4	2	13
3743	Railroad equipment	96.5	21.4	75.1	9.6	4.8	4.7	124.5	46.8	77.7	11.7	5.2	6.4	2	13
375	Motorcycles, bicycles, and parts . .	131.1	19.2	111.9	1.2	—	1.2	118.4	15.4	103.0	1.4	.5	.9	7	12
3751	Motorcycles, bicycles, and parts . .	131.1	19.2	111.9	1.2	—	1.2	118.4	15.4	103.0	1.4	.5	.9	7	12
376	Guided missiles, space vehicles, parts	489.8	79.6	410.2	(D)	(D)	(D)	379.5	97.6	281.8	(D)	(D)	(D)	1	(X)
3761	Guided missiles and space vehicles	367.3	63.3	304.0	(D)	(D)	(D)	293.7	76.8	216.8	(D)	(D)	(D)	1	(X)
3764	Space propulsion units and parts	77.5	6.6	70.9	(D)	(D)	(D)	48.8	5.7	43.1	(D)	(D)	(D)	1	(X)
3769	Space vehicle equipment, n.e.c. . .	45.0	9.7	35.3	(D)	(D)	(D)	37.0	15.1	21.9	(D)	(D)	(D)	4	(X)
379	Miscellaneous transportation equipment	142.4	(D)	(D)	(D)	(D)	(D)	123.0	(D)	(D)	(D)	(D)	(D)	9	(X)
3792	Travel trailers and campers	22.3	(D)	(D)	2.4	(D)	(D)	21.9	(D)	(D)	4.2	(D)	(D)	24	19
3795	Tanks and tank components	17.2	(D)	(D)	(D)	(D)	(D)	15.5	(D)	(D)	(D)	(D)	(D)	18	(X)
3799	Transportation equipment, n.e.c.	102.9	17.2	85.7	5.6	1.6	4.0	85.6	11.9	73.7	4.0	1.9	2.1	10	29

See footnotes at end of table.

Table 5. Capital Expenditures for Plant and Equipment for Industry Groups and Industries: 1996 and 1995—Con.

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

SIC code	Industry group and industry	1996						1995						Standard error of estimate ¹ (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
38	Instruments and related products .	5 273.8	1 006.5	4 267.3	284.7	121.2	163.5	4 534.2	755.0	3 779.2	214.7	97.9	116.8	2	7
381	Search and navigation equipment .	1 222.5	288.9	933.6	18.1	7.9	10.2	729.5	130.7	598.9	33.3	8.7	24.6	2	4
3812	Search and navigation equipment .	1 222.5	288.9	933.6	18.1	7.9	10.2	729.5	130.7	598.9	33.3	8.7	24.6	2	4
382	Measuring and controlling devices .	1 465.5	288.3	1 177.2	108.7	(D)	(D)	1 348.1	224.7	1 123.4	76.8	(D)	(D)	4	7
3821	Laboratory apparatus and furniture .	48.0	(D)	(D)	4.0	(D)	(D)	45.0	5.4	39.6	5.1	(D)	(D)	7	24
3822	Environmental controls .	112.9	16.3	96.6	4.5	.1	4.4	137.5	18.0	119.5	1.3	.4	.8	4	6
3823	Process control instruments .	231.1	23.8	207.3	23.2	(D)	(D)	223.2	24.3	198.9	19.3	(D)	(D)	16	28
3824	Fluid meters and counting devices .	97.6	12.4	85.1	.6	.2	.4	93.7	7.0	86.7	.5	.2	.3	8	20
3825	Instruments to measure electricity .	468.8	135.8	333.0	30.1	(D)	(D)	397.6	84.3	313.3	30.7	(D)	(D)	4	3
3826	Analytical instruments .	224.5	(D)	(D)	34.3	(D)	(D)	197.1	42.0	155.0	5.5	2.7	2.8	3	2
3827	Optical instruments and lenses .	128.3	21.0	107.4	7.2	1.1	6.1	129.1	25.8	103.4	8.1	.9	7.2	8	35
3829	Measuring and controlling devices, n.e.c. .	154.4	29.3	125.1	4.9	1.4	3.5	124.9	17.9	107.0	6.4	3.2	3.2	14	23
384	Medical instruments and supplies .	1 648.3	326.1	1 322.1	117.6	(D)	(D)	1 476.8	293.6	1 183.1	56.6	(D)	(D)	5	16
3841	Surgical and medical instruments .	673.3	134.8	538.5	41.8	11.4	30.4	619.1	136.4	482.7	28.4	13.5	14.9	4	35
3842	Surgical appliances and supplies .	519.1	97.2	421.9	32.7	18.0	14.7	395.8	72.7	323.1	9.0	3.9	5.1	10	33
3843	Dental equipment and supplies .	45.8	9.9	35.9	3.9	1.5	2.4	75.6	17.4	58.2	4.1	2.9	1.1	11	23
3844	X-ray apparatus and tubes .	60.0	15.0	45.0	(D)	(D)	(D)	95.9	19.5	76.4	(D)	(D)	(D)	15	(X)
3845	Electromedical equipment .	350.2	69.3	280.9	(D)	(D)	(D)	290.4	47.7	242.7	(D)	(D)	(D)	11	(X)
385	Ophthalmic goods .	196.7	27.9	168.7	9.8	2.8	7.0	217.8	33.5	184.3	6.5	2.9	3.7	6	13
3851	Ophthalmic goods .	196.7	27.9	168.7	9.8	2.8	7.0	217.8	33.5	184.3	6.5	2.9	3.7	6	13
386	Photographic equipment and supplies .	724.1	72.6	651.4	29.6	15.8	13.8	745.7	70.3	675.4	40.6	30.6	10.0	4	9
3861	Photographic equipment and supplies .	724.1	72.6	651.4	29.6	15.8	13.8	745.7	70.3	675.4	40.6	30.6	10.0	4	9
387	Watches, clocks, watchcases, and parts .	16.7	2.5	14.2	1.0	.6	.4	16.3	2.2	14.1	.9	.3	.6	5	24
3873	Watches, clocks, watchcases, and parts .	16.7	2.5	14.2	1.0	.6	.4	16.3	2.2	14.1	.9	.3	.6	5	24
39	Miscellaneous manufacturing industries .	1 372.7	288.0	1 084.7	107.3	34.3	73.0	1 243.5	279.9	963.6	68.9	23.7	45.2	8	13
391	Jewelry, silverware, and plated ware .	118.8	61.4	57.4	14.5	1.1	13.3	85.8	20.0	65.8	7.7	3.8	3.8	40	44
3911	Jewelry, precious metal .	91.4	56.2	35.1	11.9	.7	11.1	58.0	15.3	42.6	4.6	1.3	3.3	52	53
3914	Silverware and plated ware .	14.9	2.0	12.9	1.7	(Z)	1.7	14.0	1.5	12.5	.4	(Z)	.3	13	4
3915	Jewelers' materials and lapidary work .	12.5	3.2	9.4	.9	.4	.5	13.8	3.2	10.6	2.7	2.6	.2	12	22
393	Musical instruments .	15.3	3.6	11.7	(D)	(D)	(D)	23.7	5.9	17.8	(D)	(D)	(D)	29	(X)
3931	Musical instruments .	15.3	3.6	11.7	(D)	(D)	(D)	23.7	5.9	17.8	(D)	(D)	(D)	29	(X)
394	Toys and sporting goods .	396.0	71.3	324.7	19.9	4.5	15.3	359.2	59.9	299.4	16.2	8.3	7.9	5	16
3942	Dolls and stuffed toys .	1.0	.3	.7	.2	.1	.1	1.8	.5	1.2	.3	.2	.1	22	17
3944	Games, toys, and children's vehicles .	141.1	19.0	122.2	5.3	.4	4.9	135.9	17.1	118.8	6.1	2.1	4.0	6	9
3949	Sporting and athletic goods, n.e.c. .	253.9	52.0	201.9	14.4	4.1	10.3	221.5	42.2	179.3	9.8	6.1	3.8	7	21
395	Pens, pencils, office, and art supplies .	197.2	12.1	185.2	14.3	2.3	11.9	152.4	28.5	123.9	13.9	.6	13.4	44	78
3951	Pens and mechanical pencils .	53.9	1.6	52.3	.8	.5	.3	44.9	4.8	40.1	2.7	.1	2.6	22	20
3952	Lead pencils and art goods .	20.9	.9	19.9	1.0	1.0	—	21.3	.7	20.6	.6	.4	.2	7	17
3953	Marking devices .	98.9	3.9	95.0	12.3	.7	11.6	60.7	14.0	46.6	10.7	.1	10.6	87	90
3955	Carbon paper and inked ribbons .	23.6	5.6	17.9	.1	(Z)	(Z)	25.6	9.0	16.6	(Z)	—	(Z)	1	4
396	Costume jewelry and notions .	50.6	(D)	(D)	3.7	(D)	(D)	58.2	(D)	(D)	1.4	(D)	(D)	3	19
3961	Costume jewelry .	10.1	1.3	8.8	2.0	.5	1.5	11.8	1.1	10.8	.6	.2	.4	9	33
3965	Fasteners, buttons, needles, and pins .	40.6	(D)	(D)	1.7	(D)	(D)	46.3	(D)	(D)	.8	(D)	(D)	3	11
399	Miscellaneous manufactures .	594.7	(D)	(D)	3.0	(D)	(D)	564.2	(D)	(D)	(D)	(D)	(D)	7	(X)
3991	Brooms and brushes .	62.3	8.6	53.7	3.0	.1	2.9	67.7	5.3	62.5	2.8	.7	2.0	17	40
3993	Signs and advertising specialties .	172.1	51.0	121.1	(D)	(D)	(D)	167.1	49.2	117.9	(D)	(D)	(D)	17	(X)
3995	Burial caskets .	24.0	2.7	21.3	(D)	(D)	(D)	28.3	4.1	24.2	(D)	(D)	(D)	2	(X)
3996	Hard surface floor coverings, n.e.c. .	61.6	5.5	56.1	(D)	(D)	(D)	59.3	9.1	50.2	(D)	(D)	(D)	1	(X)
3999	Manufacturing industries, n.e.c. .	274.8	(D)	(D)	22.4	13.5	8.9	241.7	(D)	(D)	14.1	5.4	8.7	9	16

¹Description 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 1996

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

SIC code	Industry group and industry	End of 1996				Beginning of 1996 ²				Standard error of estimate ³ (percent) for column—			
		Total ¹	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total ¹	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
	All industries	427 101.5	146 750.0	133 629.0	146 722.5	415 448.2	142 890.0	127 785.6	144 772.6	1	1	1	1
20	Food and kindred products	35 973.2	18 947.8	5 608.2	11 417.3	34 755.2	18 173.3	5 122.5	11 459.3	2	3	4	2
21	Tobacco products	6 256.5	709.6	246.5	5 300.4	6 030.9	727.9	211.8	5 091.2	1	1	1	1
22	Textile mill products	9 478.2	4 021.1	2 519.9	2 937.3	9 665.8	4 183.1	2 518.5	2 964.2	2	2	2	2
23	Apparel and other textile products	10 015.5	4 674.4	1 881.1	3 460.0	10 525.0	4 860.1	1 967.2	3 697.8	3	3	4	4
24	Lumber and wood products	10 424.0	3 894.6	2 077.2	4 452.1	10 339.0	3 723.0	2 108.1	4 507.9	2	3	4	3
25	Furniture and fixtures	6 483.8	2 334.4	1 263.5	2 885.9	6 393.0	2 286.7	1 267.1	2 839.2	3	3	6	3
26	Paper and allied products	15 887.3	6 462.6	1 518.6	7 906.1	17 095.3	6 650.2	1 627.4	8 817.7	1	2	2	2
27	Printing and publishing	13 024.2	5 483.5	2 633.5	4 907.2	13 372.7	5 363.6	2 551.1	5 458.0	2	2	2	2
28	Chemicals and allied products	40 762.1	20 287.4	6 509.6	13 965.0	39 287.0	19 582.5	6 231.9	13 472.6	2	2	2	2
29	Petroleum and coal products	12 045.3	5 591.7	2 747.5	3 706.0	10 752.3	5 091.3	2 368.2	3 292.8	1	1	1	1
30	Rubber and miscellaneous plastics products	15 583.9	7 136.6	2 045.6	6 401.7	14 935.3	6 839.4	2 014.9	6 081.0	2	2	3	2
31	Leather and leather products	1 530.9	726.3	327.8	476.9	1 462.7	704.6	294.4	463.7	8	11	9	9
32	Stone, clay, and glass products	8 679.4	4 565.2	1 213.5	2 900.7	8 336.6	4 430.6	1 151.9	2 754.1	2	3	5	4
33	Primary metal industries	24 384.8	7 671.4	8 790.8	7 922.6	23 994.5	7 633.0	8 680.7	7 680.8	1	2	2	2
34	Fabricated metal products	27 384.0	9 347.4	7 918.0	10 118.6	26 175.1	8 653.5	7 857.3	9 664.3	2	3	2	3
35	Industrial machinery and equipment	55 910.2	16 776.0	20 752.0	18 382.2	56 562.1	16 709.8	21 134.9	18 717.3	1	2	2	2
36	Electronic and other electric equipment	37 953.0	9 755.6	13 365.2	14 832.2	36 966.8	9 575.8	13 048.0	14 163.6	2	2	4	2
37	Transportation equipment	62 347.6	7 758.0	40 905.3	13 684.2	57 184.7	7 799.5	35 999.1	13 386.2	1	2	1	2
38	Instruments and related products	24 516.5	6 754.8	9 967.3	7 993.4	23 882.3	6 330.2	10 130.4	7 421.6	2	3	2	2
39	Miscellaneous manufacturing industries	8 461.2	3 851.4	1 536.9	3 072.9	7 732.0	3 392.4	1 500.4	2 839.2	4	5	7	4
20	Food and kindred products	35 973.2	18 947.8	5 608.2	11 417.3	34 755.2	18 173.3	5 122.5	11 459.3	2	3	4	2
201	Meat products	3 630.0	2 208.5	498.5	923.0	3 466.9	2 064.6	514.5	887.8	2	3	3	3
2011	Meat packing plants	1 125.9	816.4	93.3	216.2	1 185.9	863.0	94.3	228.6	5	5	9	6
2013	Sausages and other prepared meats	1 223.4	672.9	136.3	414.2	1 185.0	635.4	148.7	400.9	3	5	5	3
2015	Poultry slaughtering and processing	1 280.6	719.2	268.8	292.6	1 096.0	566.2	271.5	258.3	3	4	2	6
202	Dairy products	3 157.1	1 998.5	169.7	989.0	2 791.3	1 626.4	166.1	998.8	10	14	8	5
2021	Creamery butter	31.7	23.7	1.0	7.0	33.8	24.9	1.7	7.1	21	15	87	37
2022	Cheese, natural and processed	1 278.0	777.1	110.7	390.2	1 219.4	719.0	114.0	386.3	3	4	9	4
2023	Dry, condensed, and evaporated dairy products	877.7	653.0	41.2	183.4	642.3	413.8	37.3	191.2	35	42	7	19
2024	Ice cream and frozen desserts	414.8	271.7	2.4	140.7	348.3	205.1	2.6	140.5	11	12	(A)	12
2026	Fluid milk	555.0	272.9	14.4	267.8	547.6	263.5	10.4	273.6	6	6	36	6
203	Preserved fruits and vegetables	8 731.7	6 004.0	915.2	1 812.5	8 522.9	5 815.2	938.0	1 769.7	2	3	4	4
2032	Canned specialties	885.2	571.4	41.4	272.4	933.9	617.4	22.1	294.5	3	4	2	3
2033	Canned fruits and vegetables	3 816.3	2 800.1	427.4	588.8	3 622.3	2 624.1	456.8	541.4	4	5	7	4
2034	Dehydrated fruits, vegetables, and soups	888.2	584.0	155.0	149.3	883.5	540.6	130.8	212.1	6	8	10	13
2035	Pickles, sauces, and salad dressings	618.3	445.0	39.0	134.3	611.6	426.7	41.7	143.1	7	13	10	48
2037	Frozen fruits and vegetables	1 933.7	1 260.9	239.4	433.4	1 889.0	1 285.8	275.4	327.9	3	4	7	3
2038	Frozen specialties, n.e.c.	590.0	342.7	13.1	234.3	582.5	320.6	11.2	250.7	5	7	12	3
204	Grain mill products	3 407.0	1 345.3	267.8	1 793.9	3 287.8	1 199.8	180.4	1 907.6	3	3	17	3
2041	Flour and other grain mill products	597.7	133.2	12.2	452.4	711.5	126.2	7.6	577.6	5	11	18	4
2043	Cereal breakfast foods	329.4	123.7	1.0	204.7	346.1	135.6	.9	209.6	4	4	1	4
2044	Rice milling	442.5	153.7	56.1	232.7	402.1	138.9	4.6	258.9	13	14	77	3
2045	Prepared flour mixes and doughs	292.0	148.7	5.3	138.0	271.0	136.3	4.6	130.1	3	3	28	2
2046	Wet corn milling	582.3	293.6	65.5	223.2	493.0	229.3	51.2	212.5	1	1	1	1
2047	Dog and cat food	366.8	177.9	27.8	161.1	325.7	157.6	10.3	157.8	2	3	8	3
2048	Prepared feeds, n.e.c.	796.3	314.4	100.0	381.9	738.6	276.3	101.3	361.0	5	5	7	9
205	Bakery products	1 154.8	476.8	18.2	659.9	1 196.1	476.2	18.0	701.9	2	3	11	2
2051	Bread, cake, and related products	431.6	95.1	7.8	328.6	477.0	101.5	7.7	367.8	3	4	7	3
2052	Cookies and crackers	538.8	305.8	8.9	224.2	558.7	312.0	9.0	237.7	2	2	20	2
2053	Frozen bakery products, except bread	184.4	75.9	1.4	107.1	160.5	62.7	1.4	96.4	8	12	56	7
206	Sugar and confectionery products	3 612.6	1 700.5	722.5	1 189.5	3 613.5	1 712.1	662.3	1 239.1	6	9	12	7
2061	Raw cane sugar	350.7	283.5	22.7	44.6	359.6	290.8	22.2	46.6	27	33	11	17
2062	Cane sugar refining	253.9	17.7	110.8	125.4	332.9	22.5	109.3	201.1	43	(A)	3	12
2063	Beet sugar	743.3	389.5	131.5	222.4	749.9	424.9	115.7	209.4	2	2	1	3
2064	Candy and other confectionery products and industry 2067, chewing gum	1 139.9	551.2	62.6	526.0	1 118.2	525.4	55.0	537.8	4	4	5	6
2066	Chocolate and cocoa products	445.1	220.2	50.7	174.3	412.8	194.5	47.8	170.5	3	6	4	15
2068	Salted and roasted nuts and seeds	679.6	238.4	344.3	96.9	640.1	254.0	312.4	73.7	20	17	24	71
207	Fats and oils	1 945.6	761.8	125.2	1 058.6	1 903.0	766.8	119.5	1 016.7	3	1	7	6
2074	Cottonseed oil mills	337.8	45.6	3.5	288.7	279.3	44.0	3.5	231.8	15	6	64	19
2075	Soybean oil mills	1 011.8	441.0	59.0	511.8	1 055.5	446.1	57.7	551.7	1	1	1	1
2076	Vegetable oil mills, n.e.c.	107.4	58.2	6.6	42.7	96.4	52.9	4.1	39.4	1	1	2	1
2077	Animal and marine fats and oils	114.5	88.9	9.3	16.3	98.0	80.6	3.0	14.3	7	4	56	15
2079	Edible fats and oils, n.e.c.	374.1	128.0	46.8	199.2	373.8	143.1	51.2	179.5	6	5	11	7
208	Beverages	7 199.1	2 889.7	2 659.5	1 650.0	6 852.9	2 868.1	2 331.9	1 652.9	5	6	6	7
2082	Malt beverages	573.4	76.1	181.2	316.2	582.6	101.6	187.7	293.3	1	3	1	1
2083	Malt	256.2	103.7	44.3	108.2	251.8	78.8	17.9	195.1	16	14	8	28
2084	Wines, brandy, and brandy spirits	2 771.2	589.7	1 940.5	240.9	2 405.4	543.4	1 642.1	219.9	11	26	9	13
2085	Distilled and blended liquors	1 836.6	1 242.6	415.0	179.0	1 754.4	1 236.9	400.3	117.2	6	5	5	31
2086	Bottled and canned soft drinks	1 253.8	637.5	15.6	600.6	1 250.6	654.6	21.3	574.7	3	5	10	3
2087	Flavoring extracts and syrups, n.e.c.	508.0	240.0	62.9	205.1	608.0	252.7	62.7	292.6	23	17	6	38
209	Miscellaneous food and kindred products	3 135.2	1 562.8	231.5	1 340.9	3 120.7	1 644.1	191.8	1 284.8	4	5	4	6
2091	Canned and cured fish and seafoods	176.2	147.6	2.7	26.0	170.7	134.4	3.5	32.8	12	13	15	16
2092	Fresh or frozen prepared fish	782.1	575.4	37.4	169.3	848.4	653.7	25.7	169.0	8	9	13	20
2095	Roasted coffee	509.0	175.8	72.9	260.3	432.7	168.9	49.4	214.4	3	3	2	5
2096	Potato chips and similar snacks	239.8	92.9	6.3	140.7	247.7	84.9	8.1	154.7	7	8	5	9
2097	Manufactured ice	38.6	22.8	1.0	14.7	36.9	21.9	.9	14.1	49	63	19	30
2098	Macaroni and spaghetti	100.0	66.0	2.7	31.3	101.7	63.6	2.4	35.7	1	1	1	1
2099	Food preparations, n.e.c.	1 289.5	482.4	108.6	698.5	1 282.6							

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1996—Con.

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

SIC code	Industry group and industry	End of 1996				Beginning of 1996 ²				Standard error of estimate ³ (percent) for column—			
		Total ¹	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total ¹	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
21	Tobacco products	6 256.5	709.6	246.5	5 300.4	6 030.9	727.9	211.8	5 091.2	1	1	1	1
211	Cigarettes	5 506.0	372.5	103.9	5 029.6	5 350.2	407.9	90.6	4 851.7	1	1	1	1
2111	Cigarettes	5 506.0	372.5	103.9	5 029.6	5 350.2	407.9	90.6	4 851.7	1	1	1	1
212	Cigars	42.4	16.4	2.8	23.1	38.3	14.5	2.7	21.1	7	7	9	7
2121	Cigars	42.4	16.4	2.8	23.1	38.3	14.5	2.7	21.1	7	7	9	7
213	Chewing and smoking tobacco	154.5	28.8	20.3	105.4	138.4	30.9	17.0	90.6	5	5	5	4
2131	Chewing and smoking tobacco	154.5	28.8	20.3	105.4	138.4	30.9	17.0	90.6	5	5	5	4
214	Tobacco stemming and redrying	553.5	291.9	119.4	142.3	504.0	274.7	101.5	127.8	1	1	1	1
2141	Tobacco stemming and redrying	553.5	291.9	119.4	142.3	504.0	274.7	101.5	127.8	1	1	1	1
22	Textile mill products	9 478.2	4 021.1	2 519.9	2 937.3	9 665.8	4 183.1	2 518.5	2 964.2	2	2	2	4
221	Broadwoven fabric mills, cotton	928.5	450.2	288.5	189.9	935.6	466.4	281.2	188.0	3	1	1	15
2211	Broadwoven fabric mills, cotton	928.5	450.2	288.5	189.9	935.6	466.4	281.2	188.0	3	1	1	15
222	Broadwoven fabric mills, manmade fiber and silk	1 426.5	597.4	434.9	394.1	1 536.3	645.3	473.7	417.3	5	6	5	7
2221	Broadwoven fabric mills, manmade fiber and silk	1 426.5	597.4	434.9	394.1	1 536.3	645.3	473.7	417.3	5	6	5	7
223	Broadwoven fabric mills, wool	325.2	85.4	154.2	85.5	346.6	100.9	160.7	85.1	2	2	2	3
2231	Broadwoven fabric mills, wool	325.2	85.4	154.2	85.5	346.6	100.9	160.7	85.1	2	2	2	3
224	Narrow fabric mills	267.2	111.3	71.7	84.2	282.0	133.3	50.2	98.4	11	12	16	13
2241	Narrow fabric mills	267.2	111.3	71.7	84.2	282.0	133.3	50.2	98.4	11	12	16	13
225	Knitting mills	2 083.2	875.1	669.1	539.0	2 184.1	1 000.8	652.9	530.4	4	6	5	4
2251	Women's hosiery, except socks	232.1	50.7	140.2	41.2	218.6	49.1	130.0	39.5	12	29	5	17
2252	Hosiery, n.e.c.	342.9	164.7	95.3	83.0	318.5	147.2	92.9	78.3	6	10	31	9
2253	Knit underwear mills	656.9	378.7	153.6	124.6	778.3	507.0	153.7	117.7	6	4	7	9
2254	Knit underwear mills	100.4	50.2	32.2	18.0	104.1	53.9	34.0	16.1	46	77	14	41
2257	Weft knit fabric mills	364.1	105.3	127.0	131.8	380.2	119.1	125.0	136.1	4	6	4	6
2258	Lace and warp knit fabric mills	344.6	104.2	115.1	125.3	341.7	103.0	111.4	127.4	3	3	6	3
2259	Knitting mills, n.e.c.	42.3	21.4	5.7	15.2	42.7	21.5	5.9	15.3	3	3	3	3
226	Textile finishing, except wool	696.8	247.2	169.5	280.0	694.7	222.1	180.6	291.9	15	14	7	27
2261	Finishing plants, cotton	278.3	97.4	61.7	119.2	268.3	80.6	67.4	120.3	21	34	10	22
2262	Finishing plants, manmade	316.6	122.6	77.3	116.6	330.4	114.7	82.0	133.7	5	8	4	7
2269	Finishing plants, n.e.c.	101.9	27.3	30.5	44.2	96.0	26.9	31.2	37.9	80	13	33	(A)
227	Carpets and rugs	1 445.6	636.4	324.3	484.9	1 395.5	634.8	309.1	451.6	1	1	1	2
2273	Carpets and rugs	1 445.6	636.4	324.3	484.9	1 395.5	634.8	309.1	451.6	1	1	1	2
228	Yarn and thread mills	1 014.0	411.0	221.3	381.6	1 070.0	430.4	225.1	414.6	4	4	4	7
2281	Yarn spinning mills	687.9	265.9	148.9	273.0	702.4	260.7	149.1	292.7	6	5	5	9
2282	Throwing and winding mills	238.4	98.2	49.8	90.4	249.7	107.7	47.8	94.3	5	6	5	7
2284	Thread mills	87.6	46.9	22.6	18.1	117.8	62.0	28.2	27.6	1	1	3	2
229	Miscellaneous textile goods	1 291.3	607.0	186.3	498.1	1 221.0	549.0	185.0	487.0	5	7	10	4
2295	Coated fabrics, not rubberized	235.8	92.3	23.4	120.1	231.1	93.0	26.3	111.8	12	12	71	8
2296	Tire cord and fabrics	117.4	50.5	28.3	38.6	118.4	37.5	38.8	42.1	1	1	1	2
2297	Nonwoven fabrics	442.3	218.1	83.4	140.8	421.6	195.1	72.1	154.4	9	15	1	7
2298	Cordage and twine	171.9	93.0	21.8	57.1	155.8	80.5	20.0	55.3	12	12	12	18
2299	Textile goods, n.e.c.	324.0	153.1	29.5	141.4	294.1	142.9	27.7	123.4	7	8	18	7
23	Apparel and other textile products	10 015.5	4 674.4	1 881.1	3 460.0	10 525.0	4 860.1	1 967.2	3 697.8	3	3	4	4
231	Men's and boys' suits and coats	356.3	180.8	82.2	93.3	374.5	197.4	78.9	98.1	27	6	10	92
2311	Men's and boys' suits and coats	356.3	180.8	82.2	93.3	374.5	197.4	78.9	98.1	27	6	10	92
232	Men's and boys' furnishings	2 313.7	1 278.8	411.5	623.4	2 443.4	1 408.3	440.4	594.8	5	5	7	7
2321	Men's and boys' shirts	733.3	464.4	105.4	163.5	813.4	508.8	132.3	172.3	10	7	24	20
2322	Men's and boys' underwear and nightwear	93.3	38.7	26.8	27.8	109.2	44.9	30.8	33.5	20	25	16	34
2323	Men's and boys' neckwear	90.5	48.4	12.4	29.8	94.3	50.0	15.0	29.4	14	18	14	9
2325	Men's and boys' trousers and slacks	711.6	357.1	160.5	194.0	702.5	399.9	156.1	146.5	4	4	4	3
2326	Men's and boys' work clothing	265.1	125.1	49.5	90.5	301.4	168.8	49.9	82.6	20	33	8	17
2329	Men's and boys' clothing, n.e.c.	419.9	245.2	56.8	117.9	422.7	235.9	56.3	130.5	9	5	20	17
233	Women's and misses' outerwear	2 727.1	1 157.8	617.5	951.8	3 040.0	1 251.9	640.2	1 147.8	4	5	6	5
2331	Women's, misses', and juniors' blouses and shirts	464.4	196.0	118.5	149.9	512.5	207.0	109.9	195.6	7	7	5	13
2335	Women's, misses', and juniors' dresses	699.3	213.5	165.4	320.4	753.6	206.0	181.3	366.4	5	7	4	7
2337	Women's, misses', and juniors' suits and coats	456.1	201.7	97.2	157.2	551.4	253.2	106.2	192.0	8	9	10	10
2339	Women's, misses', and juniors' outerwear, n.e.c.	1 107.4	546.7	236.4	324.3	1 222.4	585.7	242.8	393.9	8	8	15	10
234	Women's and children's undergarments	681.6	321.7	127.0	232.9	763.7	354.5	139.8	269.4	13	14	20	16
2341	Women's and children's underwear	375.9	165.5	81.5	128.9	441.9	190.0	89.6	162.2	20	25	29	27
2342	Brassieres, girdles, and allied garments	305.7	156.2	45.5	104.0	321.8	164.5	50.2	107.2	13	13	22	10
235	Hats, caps, and millinery	196.8	96.6	25.2	75.1	215.0	106.1	29.5	79.3	3	4	7	4
2353	Hats, caps, and millinery	196.8	96.6	25.2	75.1	215.0	106.1	29.5	79.3	3	4	7	4
236	Girls' and children's outerwear	449.7	220.7	82.6	146.4	458.5	202.6	98.2	157.7	27	38	34	22
2361	Girls' and children's dresses and blouses	92.9	28.7	19.8	44.3	116.5	26.6	28.7	61.3	(A)	(A)	(A)	54
2369	Girls' and children's outerwear, n.e.c.	356.8	192.0	62.7	102.1	342.0	176.0	69.5	96.5	19	33	29	21
237	Fur goods	17.1	6.4	7.7	3.0	15.9	5.8	7.3	2.8	21	31	25	43
2371	Fur goods	17.1	6.4	7.7	3.0	15.9	5.8	7.3	2.8	21	31	25	43
238	Miscellaneous apparel and accessories	525.7	277.9	48.5	199.3	494.5	253.9	44.8	195.8	11	7	24	24
2381	Fabrics dress and work gloves	58.2	37.2	8.4	12.6	59.8	35.8	8.1	15.9	4	2	3	14
2384	Robes and dressing gowns	49.9	23.2	7.1	19.6	52.0	24.0	7.9	20.1	2	1	1	5
2385	Waterproof outerwear	20.0	15.2	2.5	2.3	17.6	12.4	2.3	2.9	41	29	44	(A)
2386	Leather and sheep-lined clothing	23.3	19.0	4.3	-	21.0	17.6	4.0	(S)	51	17	22	(X)
2387	Apparel belts	122.9	68.9	1.8	52.2	124.1	71.1	2.5	50.5	15	4	(A)	15
2389	Apparel and accessories, n.e.c.	251.4	114.3	24.4	112.7	220.0	92.9	20.0	107.1	21	16	16	41
239	Miscellaneous fabricated textile products	2 747.4	1 133.6	479.0	1 134.8	2 719.6	1 079.5	488.1	1 152.1	4	6	5	5
2391	Curtains and draperies	162.3	31.5	24.7	106.1	245.5	31.7	36.6	177.3	31	(A)	20	21
2392	Housefurnishings, n.e.c.	1 000.8	444.5	206.3	350.1	967.1	430.4	198.6	338.1	4	5	4	5
2393	Textile bags	137.3	45.2	19.2	72.9	125.1	39.2	17.7	68.3	8	10	17	7
2394	Canvas and related products	172.3	79.6	33.0	59.7	150.9	65.7	28.8	56.4	23	21	16	50
2395	Pleating and stitching	78.4	13.3	8.2	56.9	62.7	16.1	7.0	39.7	19	(A)	73	35
2396	Automotive and apparel trimmings	653.5	310.2	94.9	248.4	656.1	314.6	106.6	234.9	7	8	7	9
2397	Schiffli machine embroideries	30.7	16.3	4.6	9.9	32.6	1						

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1996—Con.

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

SIC code	Industry group and industry	End of 1996				Beginning of 1996 ²				Standard error of estimate ³ (percent) for column—			
		Total ¹	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total ¹	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
24	Lumber and wood products	10 424.0	3 894.6	2 077.2	4 452.1	10 339.0	3 723.0	2 108.1	4 507.9	2	3	4	3
241	Logging	577.8	311.9	60.5	205.3	555.2	287.9	59.8	207.4	6	5	15	12
2411	Logging	577.8	311.9	60.5	205.3	555.2	287.9	59.8	207.4	6	5	15	12
242	Sawmills and planing mills	3 979.2	1 638.9	917.6	1 422.8	4 160.5	1 610.5	953.8	1 596.2	4	5	7	5
2421	Sawmills and planing mills, general	3 573.2	1 516.1	827.1	1 230.0	3 705.7	1 490.0	854.4	1 361.2	4	5	7	6
2426	Hardwood dimension and flooring mills	383.9	110.7	89.7	183.5	436.1	112.8	98.8	224.5	12	18	22	14
2429	Special product sawmills, n.e.c.	22.1	12.1	.7	9.3	18.7	7.7	.6	10.4	41	60	(A)	13
243	Millwork, plywood, and structural members	3 328.6	931.2	694.6	1 702.7	3 154.1	838.9	678.4	1 636.8	3	4	4	3
2431	Millwork	1 481.2	356.1	383.7	741.4	1 374.7	312.7	369.4	692.6	4	7	5	5
2434	Wood kitchen cabinets	638.8	156.4	183.9	298.6	597.5	145.0	167.2	285.3	4	8	7	4
2435	Hardwood veneer and plywood	373.8	163.3	29.6	180.9	370.0	156.4	30.3	183.4	8	8	9	9
2436	Softwood veneer and plywood	421.3	124.0	65.1	232.2	467.5	109.6	82.3	275.6	5	8	18	7
2439	Structural wood members, n.e.c.	413.4	131.4	32.3	249.7	344.4	115.2	29.3	200.0	9	13	19	10
244	Wood containers	355.2	104.0	57.4	193.8	335.3	95.8	46.0	193.5	5	7	5	5
2441	Nailed wood boxes and shoo	52.8	20.3	6.4	26.1	50.6	20.5	5.6	24.6	6	10	10	7
2448	Wood pallets and skids	216.8	57.1	39.3	120.4	212.6	54.7	37.3	120.6	4	8	6	4
2449	Wood containers, n.e.c.	85.6	26.6	11.7	47.3	72.1	20.7	3.1	48.3	14	19	14	17
245	Wood buildings and mobile homes	579.5	133.5	68.8	377.1	537.2	127.9	68.0	341.4	6	8	12	6
2451	Mobile homes	325.6	53.3	46.4	225.9	303.1	55.6	44.6	202.9	5	8	4	5
2452	Prefabricated wood buildings	253.9	80.2	22.5	151.2	234.1	72.3	23.4	138.4	11	13	35	12
249	Miscellaneous wood products	1 603.7	775.1	278.2	550.4	1 596.6	762.0	302.0	532.6	4	6	6	4
2491	Wood preserving	517.0	321.9	116.6	78.5	531.6	336.8	127.8	67.0	9	11	10	20
2493	Reconstituted wood products	392.0	138.8	27.0	226.2	379.9	126.1	31.9	221.8	2	1	4	3
2499	Wood products, n.e.c.	694.7	314.4	134.6	245.6	685.2	299.1	142.3	243.8	5	7	9	5
25	Furniture and fixtures	6 483.8	2 334.4	1 263.5	2 885.9	6 393.0	2 286.7	1 267.1	2 839.2	3	3	6	3
251	Household furniture	3 534.6	1 421.8	628.3	1 484.6	3 497.4	1 352.2	680.3	1 464.9	3	3	9	3
2511	Wood household furniture	2 132.5	1 054.9	408.9	668.7	2 091.0	993.2	453.0	644.9	4	3	14	3
2512	Upholstered household furniture	773.9	160.5	142.7	470.7	759.3	147.2	146.0	466.1	4	5	3	4
2514	Metal household furniture	286.2	111.7	39.0	135.6	315.0	124.4	44.5	146.0	19	22	25	22
2515	Mattresses and bedsprings	255.2	68.9	24.4	162.0	237.8	63.8	22.3	151.7	5	10	23	6
2517	Wood television and radio cabinets	38.6	13.6	7.6	17.4	43.6	13.0	8.1	22.5	8	11	5	23
2519	Household furniture, n.e.c.	48.1	12.1	5.7	30.3	50.8	10.6	6.5	33.7	26	44	36	24
252	Office furniture	829.0	170.1	209.6	449.3	851.3	169.9	195.2	486.2	3	9	3	3
2521	Wood office furniture	299.3	66.7	79.5	153.2	295.2	61.3	78.3	155.6	4	4	5	4
2522	Office furniture, except wood	529.7	103.4	130.2	296.1	556.2	108.6	116.9	330.7	4	15	4	4
253	Public building and related furniture	447.0	121.0	112.1	213.8	394.5	117.4	91.1	186.1	11	28	5	17
2531	Public building and related furniture	447.0	121.0	112.1	213.8	394.5	117.4	91.1	186.1	11	28	5	17
254	Partitions and fixtures	955.6	377.6	216.1	361.8	977.2	395.7	212.3	369.2	6	7	10	7
2541	Wood partitions and fixtures	413.5	155.2	91.3	167.1	398.7	148.8	85.8	164.5	9	13	15	8
2542	Partitions and fixtures, except wood	542.1	222.5	124.9	194.8	578.5	247.3	126.5	204.7	9	8	12	10
259	Miscellaneous furniture and fixtures	717.6	244.0	97.3	376.3	672.5	251.5	88.2	332.8	6	8	30	7
2591	Drapery hardware and blinds and shades	355.6	113.5	35.1	206.9	333.3	121.7	30.7	180.9	6	8	8	8
2599	Furniture and fixtures, n.e.c.	362.0	130.4	62.2	169.4	339.2	129.8	57.5	151.9	10	14	46	11
26	Paper and allied products	15 887.3	6 462.6	1 518.6	7 906.1	17 095.3	6 650.2	1 627.4	8 817.7	1	2	2	2
261	Pulp mills	724.8	345.6	51.6	327.6	783.4	334.9	90.5	358.1	3	3	1	3
2611	Pulp mills	724.8	345.6	51.6	327.6	783.4	334.9	90.5	358.1	3	3	1	3
262	Paper mills	4 257.2	1 723.6	397.0	2 136.6	4 697.1	1 824.0	418.6	2 454.4	2	2	5	2
2621	Paper mills	4 257.2	1 723.6	397.0	2 136.6	4 697.1	1 824.0	418.6	2 454.4	2	2	5	2
263	Paperboard mills	1 502.1	420.7	78.5	1 002.9	1 627.6	434.0	77.9	1 115.7	2	3	5	1
2631	Paperboard mills	1 502.1	420.7	78.5	1 002.9	1 627.6	434.0	77.9	1 115.7	2	3	5	1
265	Paperboard containers and boxes	3 976.3	1 448.5	358.7	2 169.1	4 446.9	1 499.0	394.8	2 553.0	3	4	5	3
2652	Setup paperboard boxes	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(X)	(X)	(X)	(X)
2653	Corrugated and solid fiber boxes	2 117.8	564.9	114.3	1 438.6	2 496.4	584.6	149.7	1 762.2	4	5	8	4
2655	Fiber cans, drums, and similar products	178.8	44.6	6.3	127.9	178.1	44.5	4.9	128.8	3	4	76	5
2656	Sanitary food containers	362.7	162.9	26.0	173.7	372.5	154.8	30.3	187.3	4	7	7	3
2657	Folding paperboard boxes	1 199.4	605.8	206.1	387.5	1 272.4	643.7	204.1	424.5	4	4	6	4
267	Miscellaneous converted paper products	5 426.9	2 524.2	632.9	2 269.9	5 540.4	2 558.4	645.6	2 336.5	2	2	3	3
2671	Paper coated and laminated, packaging	655.7	288.6	78.5	288.5	682.9	300.9	73.0	308.9	11	7	13	18
2672	Paper coated and laminated, n.e.c.	949.3	328.9	222.9	397.4	976.7	337.0	222.3	417.4	1	2	1	1
2673	Bags: plastics, laminated, and coated	673.9	313.1	58.8	302.0	651.4	299.9	60.2	291.4	5	5	5	7
2674	Bags: uncoated paper and multiwall	419.8	140.7	31.2	247.9	424.3	131.1	32.3	260.9	2	2	5	2
2675	Die-cut paper and board	262.7	121.7	26.3	114.8	254.0	106.8	28.8	118.3	5	6	2	5
2676	Sanitary paper products	1 095.2	623.5	80.4	391.3	1 121.3	646.5	94.6	380.2	1	1	1	2
2677	Envelopes	333.3	166.3	33.3	133.7	343.4	164.2	32.1	147.1	12	7	29	18
2678	Stationery products	279.0	171.4	16.9	90.7	299.3	181.1	17.4	100.8	5	5	19	6
2679	Converted paper products, n.e.c.	758.1	370.0	84.7	303.4	787.2	390.9	84.8	311.4	4	5	7	8

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 1996—Con.

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

SIC code	Industry group and industry	End of 1996				Beginning of 1996 ²				Standard error of estimate ³ (percent) for column—			
		Total ¹	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total ¹	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
27	Printing and publishing	13 024.2	5 483.5	2 633.5	4 907.2	13 372.7	5 363.6	2 551.1	5 458.0	2	2	2	2
271	Newspapers	894.3	31.0	9.8	853.6	1 078.1	26.9	10.5	1 040.8	3	13	10	4
2711	Newspapers	894.3	31.0	9.8	853.6	1 078.1	26.9	10.5	1 040.8	3	13	10	4
272	Periodicals	1 216.0	485.3	182.0	548.7	1 281.6	473.8	202.2	605.6	6	8	7	5
2721	Periodicals	1 216.0	485.3	182.0	548.7	1 281.6	473.8	202.2	605.6	6	8	7	5
273	Books	3 735.8	2 642.3	600.2	493.3	3 740.4	2 639.6	579.2	521.6	2	3	3	5
2731	Book publishing	3 320.3	2 595.1	419.4	305.8	3 299.9	2 587.6	396.2	316.1	2	3	3	7
2732	Book printing	415.4	47.3	180.7	187.4	440.6	52.0	183.0	205.6	5	6	7	5
274	Miscellaneous publishing	874.3	506.9	217.3	150.2	860.3	491.9	220.2	148.2	3	3	3	5
2741	Miscellaneous publishing	874.3	506.9	217.3	150.2	860.3	491.9	220.2	148.2	3	3	3	5
275	Commercial printing	4 299.5	809.6	1 252.6	2 237.3	4 344.8	737.0	1 188.0	2 419.9	3	6	3	3
2752	Commercial printing, lithographic	2 932.5	409.3	932.4	1 590.8	3 083.4	379.7	901.3	1 802.4	3	5	4	4
2754	Commercial printing, gravure	286.3	73.5	108.9	104.0	299.4	70.4	95.5	133.5	5	35	4	14
2759	Commercial printing, n.e.c.	1 080.7	326.8	211.3	542.6	962.0	286.8	191.2	484.0	4	8	5	5
276	Manifold business forms	687.7	369.2	57.3	261.2	819.0	392.9	68.6	357.6	10	12	8	17
2761	Manifold business forms	687.7	369.2	57.3	261.2	819.0	392.9	68.6	357.6	10	12	8	17
277	Greeting cards	576.5	418.1	68.6	89.8	550.8	395.3	66.3	89.3	4	2	12	8
2771	Greeting cards	576.5	418.1	68.6	89.8	550.8	395.3	66.3	89.3	4	2	12	8
278	Blankbooks and bookbinding	504.0	200.6	101.0	202.4	492.5	184.7	102.7	205.0	10	19	8	6
2782	Blankbooks and looseleaf binders	351.5	147.8	63.6	140.1	355.8	141.7	70.3	143.9	13	25	9	6
2789	Bookbinding and related work	152.4	52.8	37.3	62.3	136.6	43.1	32.4	61.1	9	9	13	13
279	Printing trade services	236.1	20.4	144.9	70.8	205.1	21.6	113.4	70.1	10	18	13	10
2791	Typesetting	94.3	1.9	77.2	15.1	72.0	1.7	55.9	14.3	17	73	19	28
2796	Platemaking services	141.9	18.5	67.7	55.7	133.1	19.8	57.6	55.7	11	18	16	11
28	Chemicals and allied products	40 762.1	20 287.4	6 509.6	13 965.0	39 287.0	19 582.5	6 231.9	13 472.6	2	2	2	2
281	Industrial inorganic chemicals	2 644.2	1 218.4	415.1	1 010.7	2 503.4	1 150.0	359.9	993.6	3	4	6	3
2812	Alkalies and chlorine	237.6	137.2	2.9	97.5	225.2	133.1	2.7	89.5	1	2	4	1
2813	Industrial gases	105.2	75.9	1.1	28.1	88.5	63.3	1.7	23.5	33	46	3	3
2816	Inorganic pigments	560.2	234.6	41.1	284.5	554.0	244.0	38.4	271.7	1	1	1	1
2819	Industrial inorganic chemicals, n.e.c.	1 741.3	770.6	370.0	600.7	1 635.7	709.7	317.1	608.9	3	3	7	4
282	Plastics materials and synthetics	6 192.3	3 787.9	653.3	1 751.1	6 174.1	3 738.1	648.7	1 787.3	1	1	1	2
2821	Plastics materials and resins	3 944.1	2 493.2	343.0	1 107.9	3 903.4	2 475.3	318.8	1 109.3	1	1	1	2
2822	Synthetic rubber	685.6	445.4	65.1	175.1	694.8	445.9	67.2	184.7	1	1	1	1
2823	Cellulosic manmade fibers	137.3	63.7	14.1	59.5	133.8	54.5	15.2	64.1	2	2	1	1
2824	Organic fibers, noncellulosic	1 425.2	785.6	231.2	408.5	1 442.1	762.5	247.6	432.1	1	2	1	2
283	Drugs	11 532.8	4 372.7	3 388.2	3 771.9	10 761.6	4 131.6	3 161.8	3 468.2	5	6	3	6
2833	Medicinals and botanicals	1 350.0	474.5	475.9	399.5	1 203.9	406.5	455.8	341.6	3	7	6	11
2834	Pharmaceutical preparations	7 633.5	2 949.2	2 039.8	2 644.5	7 068.0	2 741.7	1 836.4	2 489.9	7	8	4	8
2835	Diagnostic substances	1 341.5	517.1	355.1	469.4	1 275.0	543.3	333.1	398.7	3	3	3	6
2836	Biological products, except diagnostic	1 207.8	431.9	517.4	258.5	1 214.7	440.1	536.6	238.1	3	7	2	3
284	Soaps, cleaners, and toilet goods	4 534.6	2 313.8	323.7	1 897.1	4 617.4	2 360.1	353.2	1 904.1	5	5	5	6
2841	Soap and other detergents	1 118.0	599.9	73.7	444.3	1 176.8	647.8	74.1	454.8	5	7	15	6
2842	Polishes and sanitation goods	591.8	305.7	35.5	250.6	613.2	320.4	44.0	248.8	6	7	13	8
2843	Surface active agents	451.9	255.8	41.9	154.2	466.0	259.8	46.8	159.4	7	6	10	9
2844	Toilet preparations	2 372.9	1 152.4	172.6	1 047.9	2 361.4	1 132.1	188.3	1 041.1	8	8	3	10
285	Paints and allied products	2 177.7	1 208.9	119.4	849.4	2 065.5	1 117.4	121.6	826.6	4	5	8	5
2851	Paints and allied products	2 177.7	1 208.9	119.4	849.4	2 065.5	1 117.4	121.6	826.6	4	5	8	5
286	Industrial organic chemicals	8 577.4	4 933.7	1 041.6	2 602.1	8 396.2	4 793.3	1 032.8	2 570.1	2	3	2	2
2861	Gum and wood chemicals	182.1	110.1	18.3	53.7	170.4	101.0	16.5	52.9	8	11	5	6
2865	Cyclic crudes and intermediates	1 476.8	774.3	175.6	526.9	1 493.6	801.5	181.1	511.0	2	5	4	2
2869	Industrial organic chemicals, n.e.c.	6 918.4	4 049.2	847.7	2 021.5	6 732.2	3 890.8	835.2	2 006.2	3	4	2	3
287	Agricultural chemicals	2 353.9	1 002.3	256.8	1 094.9	2 184.8	949.5	258.3	976.9	5	5	4	10
2873	Nitrogenous fertilizers	404.0	182.5	3.1	218.3	354.7	130.8	1.8	222.1	5	16	(A)	5
2874	Phosphatic fertilizers	503.8	154.6	64.4	284.9	427.1	176.9	58.9	191.3	21	8	7	36
2875	Fertilizers, mixing only	340.4	211.7	13.8	114.9	324.7	184.9	15.7	124.0	12	14	18	10
2879	Agricultural chemicals, n.e.c.	1 105.7	453.4	175.4	476.8	1 078.3	456.9	181.9	439.5	3	4	4	2
289	Miscellaneous chemical products	2 749.1	1 449.7	311.6	987.8	2 584.0	1 342.6	295.6	945.8	4	6	3	5
2891	Adhesives and sealants	581.5	290.8	43.7	247.0	569.9	281.6	36.4	251.8	7	9	10	11
2892	Explosives	160.8	57.7	49.5	53.6	150.9	54.4	47.7	48.9	14	28	3	17
2893	Printing ink	79.8	27.0	19.4	182.9	444.4	256.5	21.1	166.8	14	21	10	15
2895	Carbon black	79.8	52.0	—	27.8	68.3	42.7	—	25.6	9	12	(X)	3
2899	Chemical preparations, n.e.c.	1 451.7	776.2	199.0	476.5	1 350.5	707.3	190.4	452.7	4	5	3	5
29	Petroleum and coal products	12 045.3	5 591.7	2 747.5	3 706.0	10 752.3	5 091.3	2 368.2	3 292.8	1	1	1	1
291	Petroleum refining	10 718.2	4 891.7	2 653.2	3 173.3	9 496.6	4 435.7	2 291.0	2 769.9	1	1	1	1
2911	Petroleum refining	10 718.2	4 891.7	2 653.2	3 173.3	9 496.6	4 435.7	2 291.0	2 769.9	1	1	1	1
295	Asphalt paving and roofing materials	657.5	375.4	22.7	259.4	629.9	342.9	21.1	266.0	5	5	31	7
2951	Asphalt paving mixtures and blocks	302.8	157.2	16.8	128.8	284.0	143.1	14.9	126.0	9	12	41	13
2952	Asphalt felts and coatings	354.7	218.2	6.0	130.6	345.9	199.8	6.2	139.9	2	3	20	3
299	Miscellaneous petroleum and coal products	669.6	324.7	71.6	273.3	625.7	312.7	56.0	256.9	4	5	17	6
2992	Lubricating oils and greases	515.9	289.3	40.6	186.0	512.6	289.1	34.0	189.5	4	4	10	6
2999	Petroleum and coal products, n.e.c.	153.7	35.4	31.0	87.3	113.1	23.6	22.1	67.4	13	34	37	12

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 1996—Con.

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

SIC code	Industry group and industry	End of 1996				Beginning of 1996 ²				Standard error of estimate ³ (percent) for column—			
		Total ¹	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total ¹	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
30	Rubber and miscellaneous plastics products	15 583.9	7 136.6	2 045.6	6 401.7	14 935.3	6 839.4	2 014.9	6 081.0	2	2	3	2
301	Tires and inner tubes	1 066.9	558.4	133.3	375.2	1 068.5	593.2	137.6	337.8	1	1	1	2
3011	Tires and inner tubes	1 066.9	558.4	133.3	375.2	1 068.5	593.2	137.6	337.8	1	1	1	2
302	Rubber and plastics footwear	175.4	119.6	16.5	39.3	168.7	114.4	19.3	35.1	7	5	7	15
3021	Rubber and plastics footwear	175.4	119.6	16.5	39.3	168.7	114.4	19.3	35.1	7	5	7	15
305	Hose and belting and gaskets and packing	1 057.1	580.5	202.8	273.8	939.1	513.5	168.9	256.8	9	10	10	11
3052	Rubber and plastics hose and belting	499.1	291.7	94.4	113.0	491.7	290.2	88.4	113.2	6	5	6	12
3053	Gaskets, packing, and sealing devices	558.1	288.9	108.4	160.8	447.4	223.3	80.5	143.6	15	19	17	16
306	Fabricated rubber products, n.e.c.	1 410.8	532.7	269.0	609.2	1 372.6	526.2	273.0	573.4	5	5	8	6
3061	Mechanical rubber goods	517.9	177.8	106.7	233.4	507.5	160.0	115.6	231.9	10	9	9	11
3069	Fabricated rubber products, n.e.c.	892.9	354.9	162.3	375.8	865.2	366.2	157.5	341.5	6	6	12	6
308	Miscellaneous plastics products, n.e.c.	11 873.6	5 345.4	1 424.1	5 104.1	11 386.3	5 092.2	1 416.1	4 878.0	2	2	3	2
3081	Unsupported plastics film and sheet	1 592.8	669.3	256.3	667.3	1 503.5	630.4	251.8	621.3	4	4	6	5
3082	Unsupported plastics profile shapes	435.0	207.4	45.0	182.6	411.3	197.8	49.0	164.5	8	10	8	9
3083	Laminated plastics plate, sheet, and profile shapes	373.4	144.3	64.2	164.9	354.4	132.8	64.1	157.5	4	2	7	6
3084	Plastics pipe	586.3	410.6	9.9	165.8	564.8	390.0	15.2	159.6	6	7	39	8
3085	Plastics bottles	516.0	259.3	47.6	209.2	541.1	256.8	73.7	210.6	3	3	9	5
3086	Plastics foam products	1 043.9	374.3	124.7	544.9	1 006.2	360.3	126.1	519.9	6	12	10	8
3087	Custom compounding of purchased plastics resins	641.8	330.6	24.1	287.1	607.4	286.8	26.5	294.1	8	10	24	9
3088	Plastics plumbing fixtures	125.1	50.2	17.2	57.7	112.8	45.2	14.3	53.3	15	18	36	21
3089	Plastics products, n.e.c.	6 559.2	2 899.5	835.1	2 824.7	6 284.8	2 792.1	795.5	2 697.2	2	2	3	2
31	Leather and leather products	1 530.9	726.3	327.8	476.9	1 462.7	704.6	294.4	463.7	8	11	9	9
311	Leather tanning and finishing	403.5	130.5	175.3	97.7	350.4	116.5	145.9	88.1	7	6	11	9
3111	Leather tanning and finishing	403.5	130.5	175.3	97.7	350.4	116.5	145.9	88.1	7	6	11	9
313	Footwear cut stock	35.4	15.5	9.0	10.9	35.5	17.0	8.4	10.0	29	50	20	42
3131	Footwear cut stock	35.4	15.5	9.0	10.9	35.5	17.0	8.4	10.0	29	50	20	42
314	Footwear, except rubber	716.3	413.1	84.6	218.6	739.3	428.7	85.0	225.6	9	10	15	10
3142	House slippers	39.1	19.9	6.8	12.5	34.4	18.2	4.2	12.0	77	(A)	4	43
3143	Men's footwear, except athletic	508.6	312.6	42.3	153.7	543.1	330.3	48.5	164.3	8	8	17	11
3144	Women's footwear, except athletic	111.4	48.7	28.0	34.7	97.4	41.0	24.9	31.5	33	33	35	34
3149	Footwear, except rubber, n.e.c.	57.1	32.0	7.4	17.8	64.4	39.3	7.4	17.7	6	7	8	7
315	Leather gloves and mittens	61.8	12.8	13.1	35.9	68.4	17.3	15.2	35.8	64	81	84	59
3151	Leather gloves and mittens	61.8	12.8	13.1	35.9	68.4	17.3	15.2	35.8	64	81	84	59
316	Luggage	199.1	113.2	18.0	67.9	164.3	86.8	18.1	59.4	24	15	59	30
3161	Luggage	199.1	113.2	18.0	67.9	164.3	86.8	18.1	59.4	24	15	59	30
317	Handbags and personal leather goods	74.5	37.5	12.9	24.1	68.3	37.7	9.9	20.7	38	33	69	46
3171	Women's handbags and purses	28.7	15.4	7.2	6.1	21.6	12.1	4.7	4.8	88	69	(A)	(A)
3172	Personal leather goods, n.e.c.	45.8	22.1	5.7	18.0	46.7	25.5	5.2	15.9	28	29	73	30
319	Leather goods, n.e.c.	40.2	3.7	14.8	21.7	36.6	.7	11.8	24.1	(A)	(A)	23	19
3199	Leather goods, n.e.c.	40.2	3.7	14.8	21.7	36.6	.7	11.8	24.1	(A)	(A)	23	19
32	Stone, clay, and glass products	8 679.4	4 565.2	1 213.5	2 900.7	8 336.6	4 430.6	1 151.9	2 754.1	2	3	5	4
321	Flat glass	281.5	179.2	41.1	61.1	298.4	194.3	37.8	66.2	1	1	1	1
3211	Flat glass	281.5	179.2	41.1	61.1	298.4	194.3	37.8	66.2	1	1	1	1
322	Glass and glassware, pressed or blown	1 505.0	1 073.9	94.0	337.1	1 504.4	1 067.4	97.6	339.4	1	1	1	1
3221	Glass containers	697.6	569.2	1.6	126.8	761.9	620.4	1.6	139.9	1	1	1	1
3229	Pressed and blown glass, n.e.c.	807.4	504.7	92.4	210.3	742.5	447.0	96.0	199.5	1	1	1	1
323	Products of purchased glass	883.4	351.8	183.2	348.5	842.3	322.3	167.8	352.1	4	5	6	7
3231	Products of purchased glass	883.4	351.8	183.2	348.5	842.3	322.3	167.8	352.1	4	5	6	7
324	Cement, hydraulic	828.2	227.5	123.1	477.7	828.9	232.1	146.3	450.5	2	3	8	3
3241	Cement, hydraulic	828.2	227.5	123.1	477.7	828.9	232.1	146.3	450.5	2	3	8	3
325	Structural clay products	699.6	491.4	47.9	160.3	701.6	496.2	46.4	159.0	7	9	12	6
3251	Brick and structural clay tile	257.4	199.3	9.6	48.5	255.4	199.5	9.8	46.1	9	10	12	11
3253	Ceramic wall and floor tile	219.4	169.8	12.5	37.1	234.0	178.2	11.1	44.7	18	20	16	12
3255	Clay refractories	174.3	88.6	22.0	63.8	171.2	90.2	22.2	58.7	7	11	23	9
3259	Structural clay products, n.e.c.	48.5	33.7	3.8	10.9	40.9	28.2	3.4	9.4	16	17	19	15
326	Pottery and related products	600.1	263.5	171.5	165.2	534.6	233.7	151.5	149.4	11	9	19	21
3261	Vitreous plumbing fixtures	112.7	69.5	24.1	19.1	110.2	67.0	21.9	21.3	1	1	1	1
3262	Vitreous china table and kitchenware	102.8	50.1	35.1	17.6	98.1	46.9	35.0	16.1	1	1	1	1
3263	Semivitreous table and kitchenware	6.1	2.6	2.5	1.1	5.3	2.1	.8	.8	23	39	11	25
3264	Porcelain electrical supplies	240.1	81.7	56.9	101.5	206.5	61.4	58.3	86.8	23	28	25	33
3269	Pottery products, n.e.c.	138.4	59.6	52.9	25.9	114.5	56.1	34.0	24.4	23	6	55	18
327	Concrete, gypsum, and plaster products	1 966.3	1 090.3	115.7	760.3	1 851.4	1 035.5	112.9	703.0	4	5	12	5
3271	Concrete block and brick	381.8	330.7	6.2	44.9	359.8	307.5	6.5	45.8	11	13	35	15
3272	Concrete products, n.e.c.	812.3	532.2	70.4	209.7	772.5	504.7	69.3	198.5	5	5	6	6
3273	Ready-mixed concrete	507.5	162.0	14.1	331.3	460.9	153.4	11.8	295.8	4	7	24	4
3274	Lime	82.4	17.9	12.9	51.5	87.0	21.6	13.4	52.0	43	26	89	61
3275	Gypsum products	182.4	47.5	12.0	122.8	171.2	48.3	12.0	110.9	8	15	17	8
328	Cut stone and stone products	263.2	156.3	44.9	62.1	190.1	115.8	33.4	40.8	33	33	32	53
3281	Cut stone and stone products	263.2	156.3	44.9	62.1	190.1	115.8	33.4	40.8	33	33	32	53
329	Miscellaneous nonmetallic mineral products	1 651.9	731.4	392.1	528.4	1 585.0	733.4	357.9	493.7	7	6	12	13
3291	Abrasive products	733.5	270.6	281.2	181.7	701.6	280.5	236.0	185.1	9	10	16	12
3292	Asbestos products	—	—	—	—	—	—	—	—	(X)	(X)	(X)	(X)
3295	Minerals, ground or treated	228.3	91.9	27.5	108.9	227.6	83.9	35.8	108.0	22	27	12	38
3296	Mineral wool	327.2	183.3	15.1	128.8	291.1	173.6	20.5	97.1	18	11	13	31
3297	Nonclay refractories	229.2	119.9	44.1	65.2	238.6	131.1	44.7	62.8	12	9	4	34
3299	Nonmetallic mineral products, n.e.c.	133.7	65.7	24.2	43.8	126.1	64.3	21.0	40.8	8	6	12	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 1996—Con.

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

SIC code	Industry group and industry	End of 1996				Beginning of 1996 ²				Standard error of estimate ³ (percent) for column—			
		Total ¹	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total ¹	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
33	Primary metal industries	24 384.8	7 671.4	8 790.8	7 922.6	23 994.5	7 633.0	8 680.7	7 680.8	1	2	2	2
331	Blast furnace and basic steel products	12 198.1	4 076.3	3 872.6	4 249.2	11 748.3	3 930.1	3 695.4	4 122.8	2	3	1	2
3312	Blast furnaces and steel mills	8 839.6	2 898.1	2 989.6	2 951.9	8 377.1	2 816.1	2 771.7	2 789.4	1	1	1	1
3313	Electrometallurgical products	267.7	106.7	58.3	102.6	258.5	107.7	52.8	97.9	2	2	2	3
3315	Steel wire and related products	755.3	320.3	139.4	295.5	781.8	287.0	154.8	340.0	14	25	7	8
3316	Cold finishing of steel shapes	1 206.3	327.0	478.1	401.2	1 286.7	319.8	526.2	440.7	7	14	5	10
3317	Steel pipe and tubes	1 129.3	424.3	207.1	497.9	1 044.2	399.5	189.9	454.8	3	3	7	4
332	Iron and steel foundries	1 543.1	584.8	441.0	517.4	1 472.2	560.0	429.2	483.1	3	5	5	5
3321	Gray and ductile iron foundries	898.1	416.3	183.6	298.2	856.8	393.7	160.6	302.5	4	6	3	3
3322	Malleable iron foundries	28.1	5.3	12.3	10.5	23.4	4.6	10.5	8.3	6	12	5	5
3324	Steel investment foundries	258.9	38.1	120.0	100.7	251.1	43.3	138.3	69.6	9	6	17	20
3325	Steel foundries, n.e.c.	358.0	125.1	125.0	108.0	340.9	118.3	119.8	102.7	6	9	5	4
333	Primary nonferrous metals	1 833.6	320.3	840.8	672.5	1 850.7	381.9	819.4	649.4	1	2	1	2
3331	Primary copper	653.1	74.0	503.5	75.5	647.5	63.4	507.2	77.0	2	4	1	6
3334	Primary aluminum	675.9	109.0	133.5	433.5	738.7	191.0	129.2	418.5	1	1	1	1
3339	Primary nonferrous metals, n.e.c.	504.6	137.3	203.8	163.5	464.5	127.6	183.0	153.9	3	4	2	5
334	Secondary nonferrous metals	694.1	282.9	238.0	173.2	679.6	299.2	203.3	177.2	3	4	9	13
3341	Secondary nonferrous metals	694.1	282.9	238.0	173.2	679.6	299.2	203.3	177.2	3	4	9	13
335	Nonferrous rolling and drawing	6 377.1	1 862.8	2 824.6	1 689.7	6 576.7	1 978.9	2 966.5	1 631.2	3	4	6	4
3351	Copper rolling and drawing	920.3	223.2	544.3	152.7	1 111.6	255.0	628.0	228.5	16	22	27	32
3353	Aluminum sheet, plate, and foil	1 752.2	387.4	934.3	430.5	1 946.5	456.2	1 097.9	392.4	1	1	1	2
3354	Aluminum extruded products	540.1	136.0	164.5	239.6	602.3	129.1	179.3	293.9	3	4	4	4
3355	Aluminum rolling and drawing, n.e.c.	69.8	20.6	21.8	27.4	68.7	26.1	17.0	25.6	9	12	5	9
3356	Nonferrous rolling and drawing, n.e.c.	953.1	142.0	598.2	212.9	838.3	158.9	529.7	149.8	2	3	2	3
3357	Nonferrous wiredrawing and insulating	2 141.6	953.5	561.6	626.5	2 009.3	953.6	514.5	541.1	5	5	5	7
336	Nonferrous foundries (castings)	938.4	255.8	328.9	353.7	913.6	234.9	316.4	362.3	6	14	6	7
3363	Aluminum die-castings	325.6	90.7	95.9	138.9	342.9	85.1	99.0	158.8	5	7	7	6
3364	Nonferrous die-castings, except aluminum	142.3	42.3	51.5	48.6	131.4	36.7	47.9	46.7	21	25	24	27
3365	Aluminum foundries	248.7	53.9	99.5	95.4	242.0	53.0	99.1	89.9	7	11	8	8
3366	Copper foundries	125.6	58.8	29.6	37.2	112.9	52.7	25.9	34.4	27	55	23	22
3369	Nonferrous foundries, n.e.c.	96.3	10.1	52.5	33.7	84.4	7.4	44.5	32.5	13	38	5	34
339	Miscellaneous primary metal products	800.4	288.6	244.8	267.0	753.4	248.0	250.4	255.0	6	10	9	10
3398	Metal heat treating	345.3	111.8	94.2	139.3	292.0	74.3	89.9	127.8	11	24	18	18
3399	Primary metal products, n.e.c.	455.0	176.8	150.6	127.7	461.4	173.7	160.5	127.2	4	4	8	5
34	Fabricated metal products	27 384.0	9 347.4	7 918.0	10 118.6	26 175.1	8 653.5	7 857.3	9 664.3	2	3	2	3
341	Metal cans and shipping containers	1 453.2	726.1	195.5	531.6	1 553.1	829.3	183.0	540.8	2	2	3	3
3411	Metal cans	1 298.5	702.2	177.0	419.3	1 408.2	807.3	166.7	434.3	2	2	3	3
3412	Metal barrels, drums, and pails	154.8	23.9	18.5	112.3	144.9	22.0	16.3	106.6	11	27	16	12
342	Cutlery, handtools, and hardware	3 123.5	1 421.4	861.8	840.3	2 805.3	1 133.3	876.5	795.5	7	12	6	8
3421	Cutlery	274.7	117.5	72.2	85.0	282.5	119.9	77.8	84.8	6	6	22	10
3423	Hand and edge tools, n.e.c.	1 061.0	583.4	281.8	195.7	941.4	434.8	293.1	213.5	12	19	13	10
3425	Saw blades and handsaws	318.3	206.0	52.2	60.1	243.6	128.5	47.2	67.9	31	48	26	14
3429	Hardware, n.e.c.	1 469.5	514.5	455.7	499.4	1 337.8	450.1	458.4	429.3	10	16	6	12
343	Plumbing and heating, except electric	1 120.7	406.4	339.1	375.2	1 050.8	343.7	298.3	408.8	5	8	6	8
3431	Metal sanitary ware	119.7	41.5	38.0	40.2	122.4	47.4	36.0	39.0	1	1	1	1
3432	Plumbing fixture fittings and trim	590.5	252.5	192.6	145.4	550.8	210.1	157.3	183.5	6	9	7	7
3433	Heating equipment, except electric	410.4	112.4	108.5	189.5	377.5	86.2	105.1	186.3	10	19	11	15
344	Fabricated structural metal products	7 203.7	1 657.9	2 209.3	3 336.6	6 874.6	1 549.3	2 204.6	3 120.7	3	5	4	3
3441	Fabricated structural metal	1 365.3	236.7	619.5	509.1	1 186.9	197.9	554.4	434.6	3	6	4	4
3442	Metal doors, sash, and trim	1 015.1	294.0	132.2	588.9	965.9	278.2	122.4	565.3	6	6	13	8
3443	Fabricated plate work (boiler shops)	1 595.5	244.2	677.2	674.1	1 616.1	250.1	709.7	656.3	5	6	7	8
3444	Sheet metal work	1 902.9	526.3	522.9	853.7	1 843.7	486.4	557.4	800.0	4	6	6	4
3446	Architectural metal work	364.4	156.5	64.5	143.5	342.6	147.4	64.3	130.9	8	13	30	10
3448	Prefabricated metal buildings	334.0	-3.9	76.1	261.9	331.2	-3.4	78.4	256.3	22	19	13	13
3449	Miscellaneous metal work	626.5	204.2	117.0	305.3	588.1	192.8	118.0	277.3	9	8	26	10
345	Screw machine products, bolts, etc.	1 768.3	786.9	502.1	479.3	1 708.6	764.6	476.5	467.6	5	7	3	7
3451	Screw machine products	642.0	253.0	216.0	172.9	625.6	254.4	208.9	162.3	12	19	6	14
3452	Bolts, nuts, rivets, and washers	1 126.3	533.9	286.1	306.4	1 083.1	510.3	267.5	305.3	4	4	4	7
346	Metal forgings and stampings	3 997.3	1 056.8	1 498.1	1 442.3	3 838.1	973.1	1 453.9	1 411.1	3	4	3	3
3462	Iron and steel forgings	663.9	99.7	338.8	225.4	601.1	84.4	306.2	210.5	8	18	6	9
3463	Nonferrous forgings	259.3	44.3	156.4	58.6	250.3	47.8	146.0	56.5	10	4	13	12
3465	Automotive stampings	1 400.6	288.4	584.5	527.8	1 343.5	252.2	564.0	527.4	4	6	4	4
3466	Crowns and closures	134.4	67.7	25.2	41.5	132.4	67.8	26.9	37.7	1	1	1	1
3469	Metal stampings, n.e.c.	1 539.0	556.8	393.2	589.0	1 510.7	521.0	410.8	579.0	5	7	6	5
347	Metal services, n.e.c.	1 180.7	380.3	204.8	595.6	1 108.3	335.1	228.3	544.9	3	4	6	3
3471	Plating and polishing	339.5	87.2	62.2	190.1	348.0	83.3	87.4	177.3	5	8	13	4
3479	Metal coating and allied services	841.2	293.1	142.6	405.5	760.3	251.8	141.0	367.6	3	4	5	3
348	Ordnance and accessories, n.e.c.	1 076.8	311.7	521.6	243.5	1 066.6	279.6	558.9	228.1	2	2	1	4
3482	Small arms ammunition	229.7	107.7	47.7	74.4	219.6	116.8	40.3	62.5	1	1	1	1
3483	Ammunition, except for small arms, n.e.c.	230.6	4.7	202.6	23.3	285.1	4.7	257.0	23.4	4	51	2	10
3484	Small arms	360.8	134.5	118.0	108.2	346.8	110.8	130.7	105.3	5	3	3	9
3489	Ordnance and accessories, n.e.c.	255.7	64.8	153.3	37.6	215.1	47.3	130.9	36.9	1	1	1	1
349	Miscellaneous fabricated metal products	6 460.0	2 599.9	1 585.9	2 274.2	6 169.6	2 445.6	1 577.2	2 146.8	7	6	8	8
3491	Industrial valves	1 886.9	656.5	594.9	635.4	1 807.2	623.5	586.4	597.3	4	7	4	7
3492	Fluid power valves and hose fittings	1 114.3	555.2	259.1	300.0	1 052.4	496.6	269.4	286.4	5	6	10	11
3493	Steel springs, except wire	86.4	43.4	12.1	31.0	78.4	42.5	11.3	24.6	6	6	11	11
3494	Valves and pipe fittings, n.e.c.	516.6	268.8	97.0	150.7	491.7	254.5	98.4	138.8	5	7	6	8
3495	Wire springs	221.9	119.7	40.3	61.8	208.4	103.0	34.9	70.6	7	8	32	16
3496	Miscellaneous fabricated wire products	684.9	310.9	119.3	254.7	687.1	312.0	115.4	259.7	6	8	8	6
3497	Metal foil and leaf	452.0	176.8	99.0	176.3	494.7	185.5	117.1	192.1	3	7	4	

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1996—Con.

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

SIC code	Industry group and industry	End of 1996				Beginning of 1996 ²				Standard error of estimate ³ (percent) for column—			
		Total ¹	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total ¹	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
35	Industrial machinery and equipment	55 910.2	16 776.0	20 752.0	18 382.2	56 562.1	16 709.8	21 134.9	18 717.3	1	2	2	2
351	Engines and turbines	3 679.3	876.0	1 981.9	821.4	3 616.9	870.1	2 074.6	672.3	4	5	1	9
3511	Turbines and turbine generator sets	1 939.8	339.6	1 211.9	388.3	1 820.1	345.1	1 256.8	218.2	1	1	1	2
3519	Internal combustion engines, n.e.c.	1 739.6	536.4	770.1	433.1	1 796.8	524.9	817.8	454.1	7	7	3	17
352	Farm and garden machinery	3 338.6	1 621.2	704.6	1 012.7	3 198.9	1 563.9	651.2	983.8	6	9	5	6
3523	Farm machinery and equipment	2 309.2	998.7	583.3	727.2	2 052.4	829.8	547.6	675.1	9	15	6	8
3524	Lawn and garden equipment	1 029.4	622.5	121.3	285.6	1 146.4	734.1	103.6	308.7	2	2	4	3
353	Construction and related machinery	7 343.8	2 423.2	2 188.2	2 732.3	7 055.0	2 414.3	2 054.7	2 586.0	3	5	3	3
3531	Construction machinery	3 789.5	1 104.7	1 276.6	1 408.2	3 687.0	1 201.1	1 130.8	1 355.1	4	8	3	4
3532	Mining machinery	533.9	311.7	121.2	100.9	513.5	296.5	122.0	95.1	6	11	6	21
3533	Oil and gas field machinery	1 346.2	713.1	272.8	360.2	1 131.5	618.7	247.0	265.8	7	10	6	10
3534	Elevators and moving stairways	169.4	21.7	68.6	79.2	157.6	21.6	64.5	71.4	8	31	11	11
3535	Conveyors and conveying equipment	560.5	100.5	210.9	249.2	597.0	90.9	247.2	258.9	8	17	10	9
3536	Hoists, cranes, and monorails	251.5	63.4	81.7	106.4	235.4	61.9	73.2	100.3	9	7	18	8
3537	Industrial trucks and tractors	692.9	108.1	156.5	428.3	732.9	123.6	170.0	439.4	6	27	10	6
354	Metalworking machinery	6 730.1	1 787.6	3 487.9	1 454.6	6 441.9	1 717.2	3 383.9	1 340.8	3	4	3	4
3541	Machine tools, metal cutting types	1 325.2	263.8	754.9	306.5	1 263.1	257.6	729.0	276.6	6	11	6	15
3542	Machine tools, metal forming types	523.8	111.3	318.7	93.8	553.4	105.8	334.3	113.3	14	12	15	19
3543	Industrial patterns	93.6	43.7	37.4	12.5	86.4	43.9	31.9	10.6	41	77	19	34
3544	Special dies, tools, jigs, and fixtures	1 867.1	351.0	1 140.9	375.1	1 708.2	327.1	1 069.4	311.6	5	10	5	6
3545	Machine tool accessories	1 056.1	478.4	337.6	240.1	978.9	436.6	318.8	223.5	4	5	7	6
3546	Power-driven handtools	424.3	230.9	91.2	102.1	437.8	235.1	95.7	107.0	6	5	8	7
3547	Rolling mill machinery	141.9	14.6	110.4	16.8	123.6	13.5	93.5	16.6	10	18	10	10
3548	Welding apparatus	623.9	201.6	233.3	189.1	634.9	185.2	267.2	182.5	7	12	10	6
3549	Metalworking machinery, n.e.c.	674.3	92.4	463.3	118.5	655.6	112.3	444.2	99.1	9	22	11	11
355	Special industry machinery	6 823.4	1 697.6	2 599.7	2 526.1	6 629.9	1 556.8	2 755.5	2 317.7	4	7	6	5
3552	Textile machinery	442.3	145.6	124.4	172.3	439.2	136.9	128.6	173.6	27	22	34	28
3553	Woodworking machinery	220.5	90.5	77.0	53.0	220.4	83.8	78.1	58.5	11	12	16	15
3554	Paper industries machinery	738.8	137.5	390.7	210.6	704.0	139.1	346.0	218.8	8	5	14	5
3555	Printing trades machinery	824.4	175.5	274.2	374.7	855.8	166.3	324.5	365.1	13	31	16	11
3556	Food products machinery	579.2	183.8	132.5	262.9	546.4	167.1	165.4	213.9	9	11	8	15
3559	Special industry machinery, n.e.c.	4 018.2	964.7	1 600.9	1 452.6	3 864.2	863.6	1 712.9	1 287.4	4	10	7	7
356	General industrial machinery	7 897.6	2 685.5	2 637.9	2 574.2	7 686.0	2 589.3	2 540.0	2 556.7	3	3	4	5
3561	Pumps and pumping equipment	1 285.6	515.3	333.2	437.1	1 232.1	490.5	317.1	424.5	3	4	7	6
3562	Ball and roller bearings	955.9	289.3	376.7	289.9	969.0	299.0	372.7	297.3	3	3	8	1
3563	Air and gas compressors	1 230.0	485.1	444.7	300.2	1 144.4	457.0	395.8	287.6	12	6	16	30
3564	Blowers and fans	472.5	116.7	145.3	210.5	444.5	106.9	130.0	207.6	9	5	16	15
3565	Packaging machinery	935.9	261.4	345.8	328.7	970.9	267.2	365.2	338.5	7	10	11	10
3566	Speed changers, drives, and gears	523.7	211.2	168.5	144.0	511.4	195.0	184.7	131.7	10	11	10	11
3567	Industrial furnaces and ovens	474.6	88.0	191.5	195.1	412.8	62.8	167.7	182.3	10	29	15	7
3568	Power transmission equipment, n.e.c.	680.6	306.7	216.8	157.0	692.1	287.0	219.6	185.5	4	4	4	10
3569	General industrial machinery, n.e.c.	1 338.9	411.8	415.4	511.7	1 308.9	424.0	383.1	501.7	3	4	4	6
357	Computer and office equipment	10 277.1	2 746.3	3 419.0	4 111.9	12 694.9	3 252.3	4 190.5	5 252.1	2	1	2	3
3571	Electronic computers	5 296.5	1 477.1	1 389.1	2 430.3	7 413.2	1 947.5	2 093.2	3 372.5	1	1	1	1
3572	Computer storage devices	1 284.5	300.0	617.7	366.9	1 557.0	317.3	726.7	513.0	1	1	2	2
3575	Computer terminals	174.2	36.4	53.1	84.7	153.0	35.3	49.5	68.2	7	8	6	10
3577	Computer peripheral equipment, n.e.c.	2 334.3	585.0	920.4	828.9	2 457.1	604.3	950.9	902.0	2	3	2	3
3578	Calculating and accounting equipment	323.4	31.8	138.0	153.6	269.6	25.2	89.9	154.5	39	13	23	59
3579	Office machines, n.e.c.	864.2	316.0	300.7	247.6	844.9	322.6	280.3	242.0	3	3	3	3
358	Refrigeration and service machinery	4 586.7	1 796.4	1 141.4	1 918.9	4 645.7	1 682.0	1 112.4	1 851.4	3	2	7	5
3581	Automatic vending machines	178.7	71.2	31.2	76.4	153.4	57.9	29.1	66.4	10	10	17	9
3582	Commercial laundry equipment	108.8	23.6	32.4	52.8	106.8	23.3	27.6	56.0	4	2	5	3
3585	Refrigeration and heating equipment	3 069.3	1 277.8	640.1	1 151.5	3 034.2	1 209.0	691.6	1 133.6	3	2	3	7
3586	Measuring and dispensing pumps	200.6	59.3	45.9	95.3	193.5	57.6	47.0	89.0	11	9	8	19
3589	Service industry machinery, n.e.c.	1 299.4	364.6	391.8	543.0	1 157.7	334.2	317.0	506.4	9	6	18	10
359	Industrial machinery, n.e.c.	4 963.5	1 142.3	2 591.3	1 229.9	4 592.9	1 064.1	2 372.2	1 156.6	4	6	5	5
3592	Carburetors, pistons, rings, and valves	262.3	111.0	81.6	69.7	263.4	111.4	81.9	70.2	7	18	6	7
3593	Fluid power cylinders and actuators	509.1	97.9	261.8	149.4	486.3	89.7	254.1	142.4	5	8	3	12
3594	Fluid power pumps and motors	324.8	86.6	167.8	70.4	290.4	63.5	152.0	74.9	18	35	28	9
3596	Scales and balances, except laboratory	144.8	47.4	41.7	55.7	143.0	48.9	40.8	53.3	5	9	8	6
3599	Industrial machinery, n.e.c.	3 722.5	799.5	2 038.4	884.7	3 409.8	750.6	1 843.4	815.8	5	7	6	6
36	Electronic and other electric equipment	37 953.0	9 755.6	13 365.2	14 832.2	36 966.8	9 755.2	13 048.0	14 163.6	2	2	4	2
361	Electric distribution equipment	1 495.2	368.3	371.0	755.9	1 540.9	412.7	434.7	693.5	14	11	22	19
3612	Transformers, except electronic	647.0	174.2	77.6	395.2	715.0	228.4	155.8	330.8	30	22	(A)	35
3613	Switchgear and switchboard apparatus	848.2	194.1	293.4	360.8	825.9	184.3	279.0	362.6	5	5	6	4
362	Electrical industrial apparatus	3 886.7	913.5	1 399.6	1 573.6	3 770.6	820.7	1 483.8	1 466.2	4	6	6	5
3621	Motors and generators	1 446.4	391.3	498.4	556.7	1 434.2	344.8	607.4	482.0	5	12	10	10
3624	Carbon and graphite products	426.9	114.1	198.1	114.7	398.0	102.1	187.6	108.2	5	5	5	9
3625	Relays and industrial controls	1 556.0	309.3	597.2	649.5	1 490.9	279.3	581.1	630.5	7	5	11	5
3629	Electrical industrial apparatus, n.e.c.	457.4	98.8	105.9	252.6	447.6	94.5	107.7	245.4	9	13	14	11
363	Household appliances	2 299.1	1 323.5	288.5	687.1	2 463.2	1 404.7	321.0	737.6	2	1	3	4
3631	Household cooking equipment	459.6	241.1	62.7	155.8	544.6	314.5	75.3	154.8	4	3	9	11
3632	Household refrigerators and freezers	482.6	333.5	27.1	122.0	628.0	412.8	46.2	168.9	1	1	1	1
3633	Household laundry equipment	346.9	240.3	33.2	73.4	328.2	224.4	36.2	67.7	1	1	1	1
3634	Electric housewares and fans	526.0	254.4	78.6	193.0	470.1	204.1	70.6	195.3	4	3	7	7
3635	Household vacuum cleaners	250.6	150.7	50.7	49.1	247.2	139.4	54.4	53.4	1	1	4	1
3639	Household appliances, n.e.c.	233.4	103.4	36.1	93.8	245.1	109.4	38.3	97.4	1	1	1	1
364	Electric lighting and wiring equipment	3 076.0	1 126.7	545.1	1 404.2	3 106.2	1 163.8	577.0	1 365.4	3	4	4	3
3641	Electric lamp bulbs and tubes	247.2	96.3	14.9	136.1	253.9	106.7	16.1	131.1	8	16	6	4
3643	Current-carrying wiring devices	736.4	233.4	186.6	316.4	759.2	230.4	206.4	322.4	6			

Table 6. Value of Manufacturers' Inventories by Stage of Fabrication for Industry Groups and Industries: Beginning and End of 1996—Con.

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

SIC code	Industry group and industry	End of 1996				Beginning of 1996 ²				Standard error of estimate ³ (percent) for column—			
		Total ¹	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total ¹	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
36	Electronic and other electric equipment—Con.												
366	Communications equipment	9 466.6	2 324.9	3 099.5	4 042.2	9 399.0	2 277.9	3 081.8	4 039.3	2	3	2	2
3661	Telephone and telegraph apparatus	3 929.0	1 059.1	1 194.6	1 675.3	4 128.4	1 023.2	1 277.3	1 827.8	1	2	2	1
3663	Radio and television communications equipment	4 919.4	1 107.7	1 787.2	2 024.4	4 728.1	1 107.9	1 675.2	1 945.0	2	3	2	2
3669	Communications equipment, n.e.c.	618.2	158.0	117.7	342.5	542.5	146.8	129.2	266.5	9	24	9	7
367	Electronic components and accessories	13 145.1	2 411.5	6 372.6	4 360.9	12 178.4	2 263.2	5 971.6	3 943.6	6	7	7	4
3671	Electron tubes	502.9	160.2	155.8	187.0	456.4	142.1	138.2	176.1	2	1	2	2
3672	Printed circuit boards	1 107.0	120.7	601.0	385.2	959.7	121.9	506.7	331.0	11	7	14	10
3674	Semiconductors and related devices	4 746.7	993.6	2 723.6	1 029.5	4 306.6	958.0	2 461.5	887.1	14	17	15	12
3675	Electronic capacitors	397.6	120.2	113.0	164.5	365.4	101.4	120.3	147.3	3	2	4	3
3676	Electronic resistors	153.2	71.9	44.7	36.6	154.6	65.8	48.7	40.1	18	12	37	20
3677	Electronic coils and transformers	199.8	47.6	41.1	111.0	200.6	49.0	44.3	107.3	7	9	15	7
3678	Electronic connectors	802.4	195.6	350.4	256.5	789.0	190.7	358.1	240.1	6	7	9	10
3679	Electronic components, n.e.c.	5 235.4	701.8	2 343.0	2 190.6	4 946.2	634.4	2 293.7	2 018.0	3	4	3	3
369	Miscellaneous electrical equipment and supplies	3 514.3	938.1	1 107.0	1 469.2	3 169.7	900.6	973.0	1 296.1	3	3	4	5
3691	Storage batteries	558.0	184.8	234.7	138.6	531.7	173.6	230.8	127.3	3	3	1	7
3692	Primary batteries, dry and wet	103.1	20.8	50.9	31.3	100.0	19.4	50.6	30.0	48	24	26	(A)
3694	Engine electrical equipment	1 070.9	319.7	320.7	430.4	943.3	296.6	294.2	352.6	2	2	2	4
3695	Magnetic and optical recording media	525.7	150.8	88.7	286.2	493.4	158.9	69.6	265.0	9	9	27	8
3699	Electrical equipment and supplies, n.e.c.	1 256.6	261.9	411.9	582.8	1 101.3	252.1	327.9	521.2	6	6	7	8
37	Transportation equipment	62 347.6	7 758.0	40 905.3	13 684.2	57 184.7	7 799.5	35 999.1	13 386.2	1	2	1	2
371	Motor vehicles and equipment	15 852.1	3 100.0	5 384.1	7 367.9	15 512.9	2 972.5	5 127.9	7 412.5	2	3	2	3
3711	Motor vehicles and car bodies	4 304.3	393.9	1 492.2	2 418.1	4 473.9	429.3	1 658.2	2 386.5	1	1	1	1
3713	Truck and bus bodies	1 098.0	170.3	349.3	578.3	1 089.6	144.7	347.1	597.8	12	6	10	17
3714	Motor vehicle parts and accessories	9 181.2	2 237.6	3 279.5	3 664.0	8 743.7	2 129.8	2 857.8	3 756.1	2	3	2	3
3715	Truck trailers	742.9	146.6	149.1	447.2	754.1	134.8	161.4	458.0	10	10	10	11
3716	Motor homes	525.7	151.5	113.9	260.2	451.5	134.0	103.4	214.1	6	8	4	9
372	Aircraft and parts	36 813.6	3 220.7	29 566.0	4 027.0	32 382.2	3 475.3	25 118.1	3 788.7	2	3	2	2
3721	Aircraft	27 540.2	1 620.2	23 334.9	2 585.1	23 508.4	1 676.8	19 322.9	2 508.7	2	5	2	2
3724	Aircraft engines and engine parts	3 382.2	990.2	1 962.8	429.1	3 345.8	1 039.1	1 888.2	418.5	2	3	2	3
3728	Aircraft parts and equipment, n.e.c.	5 891.3	610.3	4 268.2	1 012.8	5 528.0	759.4	3 907.0	861.5	1	4	1	2
373	Ship and boat building and repairing	2 165.3	281.1	1 303.2	581.1	2 053.1	240.1	1 274.8	538.3	6	8	7	6
3731	Ship building and repairing	1 422.8	44.8	1 129.6	248.4	1 369.3	40.0	1 094.4	235.0	8	14	8	10
3732	Boat building and repairing	742.5	236.3	173.5	332.7	683.8	200.1	180.4	303.3	7	9	10	8
374	Railroad equipment	1 233.4	278.7	594.2	360.6	1 428.1	340.8	645.8	441.5	2	4	2	2
3743	Railroad equipment	1 233.4	278.7	594.2	360.6	1 428.1	340.8	645.8	441.5	2	4	2	2
375	Motorcycles, bicycles, and parts	411.6	212.5	81.1	118.0	391.5	193.0	85.8	112.6	6	5	9	10
3751	Motorcycles, bicycles, and parts	411.6	212.5	81.1	118.0	391.5	193.0	85.8	112.6	6	5	9	10
376	Guided missiles, space vehicles, parts	4 769.9	319.7	3 643.3	807.0	4 491.1	306.6	3 478.9	705.5	1	1	1	1
3761	Guided missiles and space vehicles	4 048.0	(D)	3 281.2	(D)	3 535.0	(D)	2 929.3	(D)	1	(X)	1	(X)
3764	Space propulsion units and parts	232.9	(D)	199.2	(D)	171.9	(D)	142.6	(D)	1	(X)	1	(X)
3769	Space vehicle equipment, n.e.c.	489.0	(D)	163.0	(D)	784.2	(D)	407.0	(D)	2	(X)	5	(X)
379	Miscellaneous transportation equipment	1 101.6	345.3	333.5	422.7	925.8	271.1	267.7	387.0	7	9	4	10
3792	Travel trailers and campers	219.6	94.4	23.2	102.0	209.5	88.2	22.8	98.4	9	11	18	8
3795	Tanks and tank components	248.3	2.5	223.6	22.1	204.2	2.9	180.9	20.4	2	33	2	7
3799	Transportation equipment, n.e.c.	633.8	248.4	86.7	298.6	512.2	180.0	64.0	268.2	12	12	13	13
38	Instruments and related products	24 516.5	6 754.8	9 768.3	7 993.4	23 882.3	6 330.2	10 130.4	7 421.6	2	3	2	2
381	Search and navigation equipment	6 182.7	374.1	4 809.5	999.1	6 585.3	326.8	5 397.3	861.2	2	8	1	3
3812	Search and navigation equipment	6 182.7	374.1	4 809.5	999.1	6 585.3	326.8	5 397.3	861.2	2	8	1	3
382	Measuring and controlling devices	7 680.7	2 019.4	2 439.8	3 221.5	7 181.6	1 836.0	2 308.3	3 037.4	3	3	3	4
3821	Laboratory apparatus and furniture	355.9	101.6	87.2	167.1	339.2	111.7	60.8	166.7	8	10	11	9
3822	Environmental controls	432.2	137.5	161.2	133.6	447.7	122.8	175.5	149.5	5	10	5	8
3823	Process control instruments	1 357.9	361.1	376.4	620.5	1 323.2	338.9	389.2	595.1	4	7	7	5
3824	Fluid meters and counting devices	282.9	56.6	99.2	127.1	278.7	54.4	91.8	132.5	9	9	18	6
3825	Instruments to measure electricity	2 456.0	501.4	895.9	1 058.7	2 274.0	467.7	839.9	966.4	7	5	7	9
3826	Analytical instruments	1 170.7	425.6	248.1	496.9	1 064.6	357.2	245.8	461.5	2	2	3	2
3827	Optical instruments and lenses	523.4	163.1	242.5	117.9	453.3	152.4	199.3	101.6	8	16	10	20
3829	Measuring and controlling devices, n.e.c.	1 101.7	272.5	329.5	499.7	1 001.1	230.9	306.0	464.2	8	13	6	8
384	Medical instruments and supplies	7 761.2	3 289.9	1 616.8	2 854.5	7 060.6	2 951.8	1 522.4	2 586.4	3	3	4	4
3841	Surgical and medical instruments	2 577.6	1 104.1	591.6	881.9	2 236.5	926.2	523.7	786.7	5	5	6	7
3842	Surgical appliances and supplies	2 617.2	1 302.9	404.0	910.3	2 423.1	1 170.9	404.3	847.9	3	3	4	5
3843	Dental equipment and supplies	448.9	168.2	102.1	178.7	416.3	186.8	102.4	127.1	13	9	9	29
3844	X-ray apparatus and tubes	625.8	197.9	198.3	229.7	621.9	199.4	189.6	233.0	2	4	2	3
3845	Electromedical equipment	1 491.7	516.9	320.8	654.0	1 362.7	468.6	302.4	591.7	7	12	11	8
385	Ophthalmic goods	425.6	305.7	38.9	81.0	411.3	318.8	32.1	60.4	31	30	77	35
3851	Ophthalmic goods	425.6	305.7	38.9	81.0	411.3	318.8	32.1	60.4	31	30	77	35
386	Photographic equipment and supplies	2 289.5	664.7	827.0	797.9	2 478.7	814.2	827.4	837.2	4	4	9	4
3861	Photographic equipment and supplies	2 289.5	664.7	827.0	797.9	2 478.7	814.2	827.4	837.2	4	4	9	4
387	Watches, clocks, watchcases, and parts	176.8	101.1	36.3	39.3	164.8	82.6	43.0	39.2	9	7	38	4
3873	Watches, clocks, watchcases, and parts	176.8	101.1	36.3	39.3	164.8	82.6	43.0	39.2	9	7	38	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 1996—Con.

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

SIC code	Industry group and industry	End of 1996				Beginning of 1996 ²				Standard error of estimate ³ (percent) for column—			
		Total ¹	Finished products	Work-in-process	Materials, supplies, fuels, etc.	Total ¹	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
39	Miscellaneous manufacturing industries	8 461.2	3 851.4	1 536.9	3 072.9	7 732.0	3 392.4	1 500.4	2 839.2	4	5	7	4
391	Jewelry, silverware, and plated ware	1 450.7	812.7	219.3	418.7	1 388.0	766.5	219.0	402.4	8	8	13	9
3911	Jewelry, precious metal	929.6	452.1	149.0	328.4	885.9	432.9	139.8	313.1	11	14	17	11
3914	Silverware and plated ware	221.2	150.1	32.6	38.5	208.8	137.4	34.3	37.1	6	7	15	10
3915	Jewelers' materials and lapidary work	300.0	210.5	37.7	51.8	293.3	196.3	44.9	52.1	11	9	20	24
393	Musical instruments	327.7	88.8	114.4	124.5	301.4	79.5	106.0	115.9	10	10	19	13
3931	Musical instruments	327.7	88.8	114.4	124.5	301.4	79.5	106.0	115.9	10	10	19	13
394	Toys and sporting goods	2 607.7	1 326.5	347.4	933.9	2 373.8	1 131.8	358.8	883.2	5	6	7	6
3942	Dolls and stuffed toys	61.6	39.7	7.6	14.3	50.5	32.6	6.3	11.5	19	19	18	24
3944	Games, toys, and children's vehicles	649.5	316.3	65.7	267.5	619.7	269.3	85.2	265.2	13	15	28	13
3949	Sporting and athletic goods, n.e.c.	1 896.6	970.5	274.1	652.0	1 703.6	829.9	267.3	606.5	5	6	4	6
395	Pens, pencils, office, and art supplies	798.9	375.6	184.3	239.1	724.0	301.1	177.6	245.4	21	24	39	5
3951	Pens and mechanical pencils	221.7	90.8	51.7	79.2	186.4	76.8	47.3	62.3	5	5	7	11
3952	Lead pencils and art goods	211.1	118.7	31.9	60.5	207.8	119.3	30.1	58.5	8	8	8	9
3953	Marking devices	236.4	118.2	83.1	35.2	202.2	58.6	82.7	60.9	69	75	85	19
3955	Carbon paper and inked ribbons	129.6	47.9	17.6	64.2	127.7	46.4	17.5	63.8	1	1	2	1
396	Costume jewelry and notions	414.7	183.2	84.8	146.7	386.6	166.9	87.9	131.8	8	12	11	7
3961	Costume jewelry	247.0	116.7	36.2	94.1	225.2	100.5	38.0	86.7	12	17	18	10
3965	Fasteners, buttons, needles, and pins	167.7	66.5	48.6	52.6	161.4	66.4	49.9	45.1	7	13	13	7
399	Miscellaneous manufactures	2 861.4	1 064.7	586.6	1 210.1	2 558.2	946.6	551.2	1 060.5	8	8	9	9
3991	Brooms and brushes	297.2	127.1	27.8	142.2	294.1	122.3	25.2	146.5	20	16	21	29
3993	Signs and advertising specialties	802.3	166.3	298.2	337.8	738.6	161.8	267.7	309.1	8	14	11	8
3995	Burial caskets	119.4	69.6	21.1	28.7	119.4	69.9	22.4	27.1	9	8	4	18
3996	Hard surface floor coverings, n.e.c.	255.7	164.5	20.4	70.8	220.6	133.7	40.4	46.5	1	1	1	1
3999	Manufacturing industries, n.e.c.	1 386.9	537.2	219.2	630.5	1 185.6	458.8	195.5	531.3	15	15	17	15

¹Beginning 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.

²Beginning-of-year inventories data shown for 1996 in this table differ from the corresponding end-of-year data published in the 1995 Annual Survey of Manufactures because of revisions to establishment data originally reported. See Introduction for further explanation of these differences.

³Description 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

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 1995 and 1996 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 1996 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.

