# Annual Input-Output Accounts of the U.S. Economy, 1996

*By Sumiye O. Okubo, Ann M. Lawson, and Mark A. Planting*

*I*N DECEMBER 1999, the Bureau of Economic Analysis (BEA) released the 1996 annual input-output (I-O) accounts for the U.S. economy. These accounts are based on an update of the 1992 benchmark I-O accounts, and they reflect the recent comprehensive revision of the national income and product accounts (NIPA's).[1] The I-O accounts were prepared using 1996 estimates of industry and commodity output and the 1996 estimates of gross domestic product (GDP) from the NIPA revision.

This presentation of the 1996 annual I-O accounts marks the resumption of the regular preparation of annual I-O accounts and the refocusing of the resources that had been used to speed up the preparation of the 1992 benchmark I-O accounts. The last set of annual accounts, which presented estimates for 1987, was published in the April 1992 issue of the SURVEY OF CURRENT BUSINESS. The annual I-O accounts for 1997 are scheduled for release in the fall of 2000.

The annual I-O accounts provide estimates of the domestic production, the export and import of commodities (goods and services), the use of commodities by each industry, the commodity composition of GDP, and the industry distribution of value added. The annual I-O accounts are used in a variety of analytical and statistical contexts, including studies of interindustry relationships within the economy and as the basis for developing satellite accounts on particular aspects of the economy.

This article is presented in two parts. The first part describes the 1996 annual I-O tables, explains how the accounts can be used, and identifies some of the highlights. The second part describes the methodology that was used to prepare the 1996 annual I-O accounts.

## 1996 Annual I-O Accounts

### The annual I-O tables

The 1996 annual I-O estimates are presented in five tables, beginning on page 48. These tables consist of a make table, a use table, a direct requirements table, and two total requirements tables. In addition, alternative make and use tables that are based on a classification of industries that more closely relates to the 1987 Standard Industrial Classification system have been prepared (see the box "Alternative Make and Use Tables" on page 43 and the box "Data Availability" on page 46).

The presentation of the annual I-O tables is generally the same as that of the benchmark I-O tables, but the information is less detailed. The annual I-O tables present summary estimates for 97 industries, while the benchmark I-O tables present more detailed estimates for 498 industries. The annual use and total direct requirements tables present estimates of total value added by industry, while the corresponding benchmark tables present detailed estimates of value added for compensation of employees, indirect business tax and other nontax liability, and other value added. In addition, the presentation of the annual I-O tables has been changed to incorporate the definitional and classificational changes, such as the change in the treatment of business and government expenditures for software, that were introduced in the 1999 comprehensive revision of the NIPA's.[2]

The make table shows the commodities that are produced by each industry (table 1), and the use table shows the inputs to industry production and the commodities that are consumed by final users (table 2). As discussed in the section on methodology, the estimates of commodity output and industry output in the make and use tables,

---

1. For an overview of the I-O accounts, see Ann M. Lawson, "Benchmark Input-Output Accounts for the U.S. Economy, 1992: Make, Use, and Supplementary Tables," SURVEY OF CURRENT BUSINESS 77 (November 1997): 36–82; and "Benchmark Input-Output Accounts for the U.S. Economy, 1992: Requirements Tables," SURVEY 77 (December 1997): 22–47.

For information on the 1999 comprehensive revision of the NIPA's, see Eugene P. Seskin, "Improved Estimates of the National Income and Product Accounts for 1959–98: Results of the Comprehensive Revision," SURVEY 79 (December 1999): 15–43.

2. See Brent R. Moulton, Robert P. Parker, and Eugene P. Seskin, "A Preview of the 1999 Comprehensive Revision of the National Income and Product Accounts: Definitional and Classificational Changes," SURVEY 79 (August 1999): 7–20.

and the estimates of final uses in the use table, are based on new source data. Most of the other estimates are based on updated relationships from the 1992 benchmark I-O accounts.[3]

The three requirements tables are derived from the make and the use tables. The direct requirements table shows the amount of a commodity that is required by an industry to produce a dollar of the industry's output (table 3). The two total requirements tables show the production that is required, directly and indirectly, from each commodity (table 4) and from each industry (table 5) to deliver a dollar of a commodity to final users.

### The uses of the annual *i-o* accounts

The annual I-O accounts are an important tool for economic analysis because they show the interdependence among the producers and the consumers in the U.S. economy. The accounts can be used to estimate the direct and indirect effects of changes in GDP expenditures for final uses on industries and commodities. For example, the accounts can be used to estimate the effects of a change in Federal Government consumption and investment on industry and commodity output, and, supplemented with additional information, they can be used to estimate the effects of an increase in U.S. exports on employment.

The I-O accounts are used in several ways to prepare other economic statistics. For example, in the 1999 comprehensive NIPA revision, estimates from the 1996 annual I-O tables were used to estimate the 1996 commodity distribution for most of the components of personal consumption expenditures (PCE) for goods,[4] and estimates

from the 1992 benchmark I-O accounts were used to prepare the estimates of final expenditures.[5] Detailed information from the 1996 annual I-O accounts will be used to update the 1992 transportation satellite accounts, the 1992 travel and tourism satellite accounts, and the regional I-O multiplier estimates.[6]

### Highlights from the *1996 annual i-o accounts*

These highlights are drawn from several analytical tables that are based on the 1987 and 1992 benchmark I-O accounts and the 1996 annual I-O accounts. Estimates of changes in current-dollar commodity output, exports, imports, and domestic supply provide insight on the changing structure of the U.S. economy and particularly on the increasing role of trade in recent years.[7] The growing importance of exports and imports is a factor for both rapidly growing, high-tech commodities—such as computer and office equipment and audio, video, and communications equipment—and some slower growing or declining basic-consumer commodities—such as apparel and footwear, leather, and leather products (table A).

## Table A.—Commodity Output, Exports, Imports, and Domestic Supply, 1987, 1992 and 1996

[Millions of dollars]

| Com-modity number | Description | Output | | | Exports | | | Imports | | | Domestic supply | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1987 | 1992 | 1996 | 1987 | 1992 | 1996 | 1987 | 1992 | 1996 | 1987 | 1992 | 1996 |
| | **AGRICULTURE, FORESTRY, FISHERIES** | | | | | | | | | | | | |
| | Total .................................................................. | 198,948 | 235,591 | 287,694 | 13,897 | 19,857 | 23,001 | 6,924 | 14,601 | 20,468 | 196,854 | 225,488 | 266,608 |
| 01 | Livestock and livestock products .................................. | 83,609 | 89,375 | 96,065 | 484 | 800 | 796 | 808 | 2,061 | 2,420 | 84,652 | 89,779 | 98,958 |
| 02 | Other agricultural products ........................................... | 82,183 | 104,546 | 137,455 | 12,747 | 16,116 | 19,588 | 2,353 | 6,860 | 10,614 | 76,050 | 91,255 | 108,918 |
| 03 | Forestry and fishery products ....................................... | 9,488 | 11,865 | 14,536 | 544 | 2,880 | 2,588 | 3,747 | 5,659 | 7,423 | 12,590 | 14,689 | 19,362 |
| 04 | Agricultural, forestry, and fishery services ................... | 23,668 | 29,805 | 39,638 | 122 | 61 | 29 | 16 | 21 | 11 | 23,562 | 29,765 | 39,370 |
| | **MINING** | | | | | | | | | | | | |
| | Total .................................................................. | 112,145 | 147,562 | 162,445 | 5,349 | 8,202 | 8,124 | 31,113 | 43,527 | 64,795 | 138,556 | 182,994 | 218,044 |
| 05+06 | Metallic ores mining ...................................................... | 6,802 | 10,739 | 12,839 | 559 | 1,104 | 1,129 | 1,349 | −1,488 | −2,087 | 7,573 | 8,171 | 9,704 |
| 07 | Coal mining ................................................................... | 25,451 | 26,917 | 22,908 | 2,663 | 3,122 | 2,534 | 65 | 133 | 286 | 21,753 | 23,931 | 20,399 |
| 08 | Crude petroleum and natural gas .................................. | 68,008 | 97,623 | 112,299 | 1,494 | 3,290 | 3,734 | 28,965 | 43,984 | 65,560 | 97,237 | 138,422 | 173,782 |
| 09+10 | Nonmetallic minerals mining ......................................... | 11,884 | 12,283 | 14,400 | 633 | 686 | 727 | 734 | 898 | 1,036 | 11,993 | 12,470 | 14,159 |
| | **CONSTRUCTION** | | | | | | | | | | | | |
| | Total .................................................................. | 618,813 | 679,330 | 867,665 | 96 | 77 | 97 | ............ | ............ | ............ | 618,717 | 679,253 | 867,463 |
| 11 | New construction, including own-account construction .... | 445,347 | 456,949 | 588,735 | 15 | ............ | ............ | ............ | ............ | ............ | 445,332 | 456,949 | 588,758 |
| 12 | Maintenance and repair construction, including own-account construction ...................................... | 173,466 | 222,381 | 278,930 | 81 | 77 | 97 | ............ | ............ | ............ | 173,385 | 222,304 | 278,705 |
| | **MANUFACTURING** | | | | | | | | | | | | |
| | Total .................................................................. | 2,411,977 | 2,890,437 | 3,592,909 | 201,816 | 342,980 | 465,384 | 377,047 | 485,599 | 699,278 | 2,544,409 | 3,029,490 | 3,805,652 |
| 13 | Ordnance and accessories ............................................ | 28,177 | 22,217 | 18,302 | 2,725 | 3,592 | 3,343 | 467 | 809 | 947 | 25,462 | 21,289 | 15,688 |
| 14 | Food and kindred products ............................................ | 329,636 | 408,757 | 464,948 | 12,111 | 19,630 | 25,639 | 18,538 | 21,850 | 26,326 | 334,292 | 410,827 | 463,515 |
| 15 | Tobacco products .......................................................... | 26,381 | 40,147 | 39,782 | 2,591 | 5,874 | 6,235 | 880 | 1,587 | 1,023 | 24,428 | 33,723 | 34,312 |
| 16 | Broad and narrow fabrics, yarn and thread mills ........... | 34,832 | 37,528 | 40,813 | 1,407 | 2,359 | 2,958 | 3,601 | 4,397 | 4,386 | 36,427 | 39,089 | 42,895 |
| 17 | Miscellaneous textile goods and floor coverings ........... | 16,266 | 17,983 | 21,050 | 782 | 1,724 | 2,048 | 918 | 1,879 | 2,128 | 15,990 | 18,119 | 20,974 |
| 18 | Apparel .......................................................................... | 64,259 | 68,637 | 71,155 | 1,197 | 4,065 | 6,987 | 25,395 | 38,484 | 49,791 | 87,011 | 99,159 | 113,711 |
| 19 | Miscellaneous fabricated textile products ...................... | 19,006 | 21,021 | 24,968 | 362 | 810 | 917 | 1,772 | 2,870 | 3,789 | 20,083 | 22,611 | 27,737 |
| 20+21 | Lumber and wood products ............................................ | 72,936 | 87,127 | 111,795 | 3,645 | 5,965 | 6,336 | 6,399 | 7,143 | 12,814 | 74,533 | 87,642 | 117,825 |
| 22+23 | Furniture and fixtures ..................................................... | 36,700 | 42,849 | 54,527 | 684 | 2,633 | 3,215 | 5,287 | 6,026 | 9,718 | 40,707 | 46,057 | 60,777 |
| 24 | Paper and allied products, except containers ................ | 80,961 | 98,497 | 116,899 | 5,922 | 8,567 | 11,314 | 9,914 | 10,715 | 14,824 | 84,037 | 99,874 | 120,973 |
| 25 | Paperboard containers and boxes ................................. | 25,288 | 31,743 | 39,233 | 262 | 691 | 1,159 | 126 | 247 | 498 | 25,025 | 31,022 | 38,531 |
| 26A | Newspapers and periodicals ......................................... | 15,674 | 19,895 | 22,485 | 555 | 653 | 628 | 226 | 199 | 232 | 14,896 | 19,503 | 22,133 |
| 26B | Other printing and publishing ........................................ | 67,126 | 81,202 | 95,247 | 1,062 | 2,984 | 3,290 | 1,335 | 1,783 | 2,579 | 66,211 | 79,248 | 94,140 |
| 27A | Industrial and other chemicals ...................................... | 89,852 | 113,359 | 134,434 | 14,630 | 17,292 | 22,862 | 10,727 | 14,375 | 20,573 | 85,434 | 109,713 | 131,076 |
| 27B | Agricultural fertilizers and chemicals ............................ | 13,365 | 17,850 | 22,556 | 542 | 3,341 | 4,459 | 990 | 2,330 | 3,485 | 13,675 | 16,992 | 20,958 |
| 28 | Plastics and synthetic materials ................................... | 43,407 | 50,944 | 63,071 | 5,364 | 8,477 | 12,271 | 2,009 | 3,827 | 6,433 | 39,550 | 46,055 | 57,117 |
| 29A | Drugs ............................................................................ | 35,862 | 62,321 | 77,890 | 2,959 | 7,272 | 9,885 | 7,590 | 13,193 | 20,317 | 39,294 | 66,950 | 86,708 |
| 29B | Cleaning and toilet preparations ................................... | 32,872 | 40,557 | 48,232 | 983 | 2,591 | 3,826 | 1,281 | 2,052 | 2,779 | 32,612 | 39,832 | 46,823 |
| 30 | Paints and allied products ............................................. | 12,183 | 14,379 | 17,627 | 342 | 745 | 1,009 | 214 | 200 | 386 | 11,858 | 13,792 | 16,829 |
| 31 | Petroleum refining and related products ....................... | 137,598 | 149,831 | 173,581 | 6,128 | 9,084 | 9,925 | 13,332 | 11,582 | 14,104 | 141,801 | 152,283 | 175,393 |
| 32 | Rubber and miscellaneous plastics products ............... | 86,850 | 111,813 | 147,440 | 3,233 | 6,905 | 10,225 | 9,702 | 13,253 | 18,452 | 92,027 | 117,166 | 154,625 |
| 33+34 | Footwear, leather, and leather products ........................ | 8,787 | 9,538 | 9,007 | 666 | 1,464 | 1,686 | 9,700 | 12,824 | 16,928 | 17,354 | 20,567 | 23,987 |
| 35 | Glass and glass products .............................................. | 16,335 | 17,981 | 21,609 | 777 | 1,544 | 2,174 | 1,837 | 2,159 | 3,333 | 17,216 | 18,411 | 22,581 |
| 36 | Stone and clay products ................................................ | 43,340 | 42,291 | 58,228 | 1,019 | 1,713 | 2,171 | 4,513 | 4,551 | 6,618 | 46,228 | 45,325 | 62,284 |
| 37 | Primary iron and steel manufacturing ............................ | 66,201 | 73,922 | 97,252 | 1,407 | 3,505 | 4,338 | 10,824 | 10,893 | 17,231 | 74,414 | 81,649 | 108,861 |
| 38 | Primary nonferrous metals manufacturing ..................... | 55,746 | 64,813 | 83,073 | 3,303 | 6,379 | 9,085 | 6,992 | 10,228 | 16,476 | 58,571 | 69,054 | 90,012 |
| 39 | Metal containers ............................................................ | 11,739 | 13,238 | 13,298 | 166 | 341 | 302 | 155 | 201 | 289 | 11,704 | 13,088 | 13,294 |
| 40 | Heating, plumbing, and fabricated structural metal products ....... | 43,686 | 49,050 | 65,017 | 868 | 2,061 | 2,713 | 960 | 1,008 | 1,947 | 43,221 | 48,107 | 63,705 |
| 41 | Screw machine products and stamping .......................... | 31,826 | 34,564 | 46,842 | 2,123 | 2,171 | 1,353 | 2,261 | 2,628 | 2,764 | 31,727 | 34,804 | 48,050 |
| 42 | Other fabricated metal products .................................... | 47,022 | 56,518 | 75,433 | 2,634 | 4,849 | 7,643 | 6,573 | 8,510 | 12,447 | 50,357 | 60,112 | 79,133 |
| 43 | Engines and turbines ..................................................... | 14,394 | 17,895 | 23,890 | 2,899 | 5,419 | 8,309 | 2,102 | 2,413 | 3,542 | 13,389 | 15,073 | 19,015 |
| 44+45 | Farm, construction, and mining machinery ..................... | 26,005 | 30,946 | 46,356 | 6,062 | 9,002 | 12,391 | 5,402 | 4,754 | 8,386 | 25,012 | 26,421 | 41,681 |
| 46 | Materials handling machinery and equipment ................ | 7,376 | 8,290 | 12,414 | 540 | 1,302 | 1,869 | 1,321 | 1,468 | 2,570 | 8,115 | 8,497 | 13,104 |
| 47 | Metalworking machinery and equipment ........................ | 22,051 | 27,046 | 37,404 | 2,335 | 3,686 | 5,270 | 4,911 | 5,127 | 9,959 | 24,577 | 28,469 | 41,924 |
| 48 | Special industry machinery and equipment ................... | 16,411 | 20,218 | 33,514 | 2,696 | 4,510 | 8,473 | 4,993 | 5,881 | 8,704 | 18,510 | 21,695 | 33,911 |
| 49 | General industrial machinery and equipment ................. | 23,221 | 29,678 | 39,519 | 4,182 | 7,834 | 10,701 | 6,947 | 7,796 | 12,231 | 25,833 | 29,720 | 40,644 |
| 50 | Miscellaneous machinery, except electrical ................... | 19,855 | 24,946 | 38,101 | 1,660 | 1,962 | 3,272 | 604 | 1,895 | 2,359 | 18,698 | 24,938 | 36,791 |
| 51 | Computer and office equipment ..................................... | 54,431 | 62,088 | 93,717 | 13,166 | 22,925 | 37,079 | 17,329 | 32,687 | 60,672 | 58,263 | 73,091 | 118,564 |
| 52 | Service industry machinery ........................................... | 21,746 | 25,801 | 36,571 | 1,216 | 3,320 | 4,712 | 1,504 | 2,243 | 3,218 | 21,728 | 24,559 | 34,715 |
| 53 | Electrical industrial equipment and apparatus .............. | 23,277 | 28,574 | 38,562 | 1,847 | 4,083 | 5,524 | 3,346 | 5,295 | 8,577 | 24,666 | 29,709 | 41,509 |
| 54 | Household appliances .................................................... | 15,670 | 16,833 | 20,425 | 943 | 2,329 | 2,940 | 2,950 | 4,072 | 5,731 | 17,674 | 18,672 | 23,203 |
| 55 | Electric lighting and wiring equipment ........................... | 17,421 | 19,055 | 23,424 | 1,358 | 2,839 | 4,125 | 3,341 | 4,985 | 6,807 | 18,796 | 21,060 | 26,001 |
| 56 | Audio, video, and communication equipment ................ | 41,037 | 50,981 | 77,999 | 4,137 | 9,551 | 16,432 | 20,190 | 25,409 | 33,584 | 56,644 | 66,465 | 94,876 |
| 57 | Electronic components and accessories ....................... | 48,203 | 73,298 | 129,439 | 12,596 | 16,150 | 32,351 | 13,704 | 20,574 | 41,187 | 48,524 | 77,773 | 138,415 |
| 58 | Miscellaneous electrical machinery and supplies .......... | 20,987 | 21,103 | 26,005 | 2,404 | 5,702 | 8,287 | 4,511 | 8,062 | 11,099 | 22,733 | 23,612 | 28,419 |
| 59A | Motor vehicles (passenger cars and trucks) ................. | 133,509 | 149,684 | 200,277 | 12,918 | 16,336 | 24,583 | 61,157 | 58,285 | 81,012 | 173,633 | 190,519 | 256,408 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts ... | 68,327 | 81,258 | 121,203 | 10,874 | 16,995 | 24,614 | 16,950 | 21,743 | 30,924 | 72,658 | 86,226 | 126,675 |
| 60 | Aircraft and parts .......................................................... | 84,421 | 102,154 | 90,630 | 22,891 | 40,656 | 36,153 | 6,875 | 12,153 | 11,712 | 66,273 | 81,662 | 63,779 |
| 61 | Other transportation equipment ..................................... | 24,074 | 29,907 | 37,543 | 1,278 | 3,354 | 3,598 | 2,937 | 2,693 | 4,718 | 24,663 | 29,544 | 38,344 |
| 62 | Scientific and controlling instruments ........................... | 85,858 | 107,915 | 118,833 | 10,311 | 17,864 | 25,148 | 9,990 | 14,773 | 19,456 | 84,253 | 105,052 | 113,091 |
| 63 | Ophthalmic and photographic equipment ....................... | 18,707 | 22,745 | 23,783 | 2,224 | 3,453 | 4,187 | 5,696 | 8,153 | 10,575 | 21,781 | 27,077 | 30,118 |
| 64 | Miscellaneous manufacturing ........................................ | 31,083 | 39,450 | 47,510 | 2,830 | 4,427 | 5,370 | 15,769 | 23,335 | 28,638 | 41,841 | 57,593 | 69,818 |
| | **TRANSPORTATION, COMMUNICATION, AND UTILITIES** | | | | | | | | | | | | |
| | Total .................................................................. | 719,662 | 932,030 | 1,164,109 | 31,495 | 54,322 | 66,155 | 5,331 | 7,932 | 12,563 | 692,005 | 884,684 | 1,109,902 |
| 65A | Railroads and related services; passenger ground transportation | 48,394 | 62,058 | 76,283 | 3,377 | 3,973 | 5,457 | 135 | 164 | 189 | 44,599 | 58,114 | 70,976 |
| 65B | Motor freight transportation and warehousing ............... | 115,193 | 157,110 | 199,889 | 4,606 | 10,161 | 13,195 | ............ | 2,059 | 1,868 | 109,832 | 148,379 | 188,067 |
| 65C | Water transportation ..................................................... | 24,198 | 34,347 | 36,820 | 7,512 | 9,695 | 10,475 | −3,264 | −3,530 | −4,425 | 13,373 | 21,086 | 21,897 |
| 65D | Air transportation .......................................................... | 79,060 | 98,819 | 124,344 | 11,216 | 23,317 | 28,941 | 5,711 | 8,544 | 12,723 | 73,458 | 83,909 | 108,070 |
| 65E | Pipelines, freight forwarders, and related services ....... | 23,301 | 29,866 | 35,761 | 1,958 | 2,700 | 3,084 | ............ | ............ | ............ | 21,304 | 26,258 | 32,745 |
| 66 | Communications, except radio and TV ........................... | 160,164 | 205,941 | 287,528 | 2,496 | 3,596 | 4,235 | ............ | ............ | ............ | 157,668 | 202,345 | 283,268 |
| 67 | Radio and TV broadcasting ........................................... | 2,250 | 2,674 | 4,487 | ............ | ............ | ............ | ............ | ............ | ............ | 2,250 | 2,674 | 4,487 |
| 68A | Electric services (utilities) ............................................. | 156,453 | 195,695 | 226,065 | 134 | 267 | 301 | 986 | 695 | 990 | 157,305 | 196,123 | 226,688 |
| 68B | Gas production and distribution (utilities) ...................... | 82,180 | 96,155 | 110,677 | 160 | 548 | 403 | 1,763 | ............ | 1,218 | 83,783 | 95,596 | 111,548 |
| 68C | Water and sanitary services .......................................... | 28,469 | 50,265 | 62,256 | 36 | 65 | 64 | ............ | ............ | ............ | 28,433 | 50,200 | 62,156 |

As the average annual growth in output for all commodities increased from 5.8 percent in 1987–92 to 6.8 percent in 1992–96, the commodity composition of growth changed significantly (table B). Of the 10 fastest growing commodities in 1992–96, only computer and data processing services was also among the top 10 in 1987–92. In 1992–96, five of the other fastest growing commodities are also considered high-tech commodities—electronic components and accessories; radio and TV broadcasting; special industry machinery and equipment; audio, video, and communication equipment; and computer and office equipment.

For four of the fast growing commodities—computer and office equipment; special industry machinery and equipment; electronic components and accessories; and audio, video, and communication equipment—increases in exports accounted for over one-fourth of the increase in domestically produced output in 1992–96. For all commodities, exports accounted for 6.6 percent of the increase in domestically produced output.

Of the 10 slowest growing commodities in 1992–96, tobacco products and water transporta-

tion were among the faster growing commodities in 1987–92 (table C). Declines in output of two commodities—ordnance and accessories and aircraft and parts—partly reflected declines in national defense spending. In addition, a drop in exports accounted for 39 percent of the decline in aircraft and parts and for 6 percent of the decline in ordnance and accessories. In coal mining, a decline in output primarily reflected a decline in coal prices, and it partly reflected slower growth in electric service utilities, which are major users of coal.

Of the 10 commodities with the fastest growth in domestic supply in 1992–96, only electronic components and accessories and "computer and data processing services, including own-account software," were also in the top 10 in 1987–92 (table D). Four of the top 10 commodities are durable goods—farm, construction, and mining machinery; materials handling machinery and equipment; metalworking machinery and equipment; and truck and bus bodies, trailers, and motor vehicles parts. These commodities, which are produced by "heavy" industries, grew relatively slowly in 1987–92, but they rebounded in

**Table A.—Commodity Output, Exports, Imports, and Domestic Supply, 1987, 1992 and 1996**—Continued

[Millions of dollars]

| Commodity number | Description | Output 1987 | Output 1992 | Output 1996 | Exports 1987 | Exports 1992 | Exports 1996 | Imports 1987 | Imports 1992 | Imports 1996 | Domestic supply 1987 | Domestic supply 1992 | Domestic supply 1996 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **WHOLESALE AND RETAIL TRADE** | | | | | | | | | | | | |
| | Total | 846,711 | 1,095,148 | 1,457,204 | 26,378 | 44,746 | 66,786 | −15,533 | −18,317 | −19,221 | 799,871 | 1,029,427 | 1,368,144 |
| 69A | Wholesale trade | 423,751 | 568,970 | 769,833 | 26,294 | 44,726 | 66,757 | −15,533 | −18,317 | −19,221 | 376,995 | 503,269 | 681,076 |
| 69B | Retail trade | 422,960 | 526,178 | 687,371 | 84 | 20 | 29 | ............ | ............ | ............ | 422,876 | 526,158 | 687,068 |
| | **FINANCE, INSURANCE, AND REAL ESTATE** | | | | | | | | | | | | |
| | Total | 1,173,335 | 1,639,416 | 2,115,020 | 26,334 | 39,510 | 63,885 | 3,239 | 1,412 | 4,199 | 1,150,240 | 1,601,318 | 2,053,603 |
| 70A | Finance | 280,950 | 390,774 | 555,217 | 12,598 | 17,142 | 26,922 | 161 | 265 | 526 | 268,513 | 373,897 | 528,753 |
| 70B | Insurance | 177,621 | 231,654 | 304,295 | 2,906 | 1,685 | 3,384 | 3,078 | 1,136 | 3,662 | 177,793 | 231,105 | 304,484 |
| 71A | Owner-occupied dwellings | 325,144 | 457,250 | 561,548 | ............ | ............ | ............ | ............ | ............ | ............ | 325,144 | 457,250 | 561,548 |
| 71B | Real estate and royalties | 389,620 | 559,738 | 693,960 | 10,830 | 20,683 | 33,579 | ............ | 11 | 11 | 378,790 | 539,066 | 658,818 |
| | **SERVICES** | | | | | | | | | | | | |
| | Total | 1,602,234 | 2,388,808 | 3,133,709 | 7,111 | 19,530 | 26,179 | 1,561 | 4,027 | 6,265 | 1,596,579 | 2,373,342 | 3,113,520 |
| 72A | Hotels and lodging places | 40,064 | 58,936 | 72,325 | 49 | 48 | 68 | ............ | ............ | ............ | 40,015 | 58,888 | 72,255 |
| 72B | Personal and repair services (except auto) | 66,271 | 92,016 | 115,200 | 31 | 42 | 32 | ............ | ............ | ............ | 66,240 | 91,974 | 115,159 |
| 73A | Computer and data processing services, including own-account software | 85,000 | 152,744 | 254,081 | 928 | 3,092 | 3,904 | 104 | 225 | 449 | 84,137 | 149,918 | 250,534 |
| 73B | Legal, engineering, accounting, and related services | 177,982 | 252,597 | 312,734 | 2,398 | 5,013 | 7,691 | 391 | 839 | 1,608 | 175,975 | 248,423 | 306,645 |
| 73C | Other business and professional services, except medical | 211,758 | 332,385 | 478,767 | 1,546 | 5,677 | 5,847 | 740 | 1,632 | 2,124 | 210,893 | 328,340 | 474,914 |
| 73D | Advertising | 109,406 | 138,530 | 175,210 | 475 | 531 | 826 | 253 | 615 | 1,246 | 109,184 | 138,614 | 175,627 |
| 74 | Eating and drinking places | 211,021 | 282,017 | 337,370 | 271 | 328 | 417 | ............ | ............ | ............ | 210,750 | 281,689 | 336,952 |
| 75 | Automotive repair and services | 131,228 | 164,408 | 236,460 | 31 | 34 | 898 | ............ | 6 | 2 | 131,190 | 164,376 | 235,537 |
| 76 | Amusements | 78,841 | 122,937 | 175,505 | 1,222 | 4,289 | 5,951 | 64 | 248 | 402 | 77,683 | 118,896 | 169,957 |
| 77A | Health services | 338,393 | 564,607 | 684,210 | 16 | 26 | 21 | ............ | 13 | 8 | 338,377 | 564,594 | 684,197 |
| 77B | Educational and social services, and membership organizations | 152,270 | 227,631 | 291,848 | 144 | 450 | 524 | 9 | 449 | 426 | 152,135 | 227,630 | 291,743 |
| | **SPECIAL INDUSTRIES** | | | | | | | | | | | | |
| | Total | 511,512 | 849,031 | 1,008,705 | 31,822 | 73,385 | 91,118 | 78,696 | 92,856 | 116,342 | 556,724 | 874,955 | 1,032,262 |
| 78 | Federal Government enterprises | 33,469 | 50,200 | 67,101 | 169 | 188 | 274 | ............ | ............ | ............ | 33,300 | 50,012 | 66,824 |
| 79 | State and local government enterprises | 19,045 | 30,162 | 39,431 | ............ | ............ | ............ | ............ | ............ | ............ | 19,045 | 30,162 | 39,429 |
| 80 | Noncomparable imports | ............ | ............ | ............ | ............ | ............ | ............ | 78,696 | 90,036 | 111,687 | 78,696 | 90,036 | 111,687 |
| 81 | Scrap, used, and secondhand goods | 2,321 | 2,175 | 2,457 | ............ | 5,872 | 6,171 | ............ | 2,746 | 4,608 | 1,349 | −2,480 | −78 |
| 82 | General government industry | 466,785 | 764,389 | 886,742 | ............ | ............ | ............ | ............ | ............ | ............ | 466,785 | 764,389 | 886,742 |
| 83 | Rest of world adjustment to final uses | ............ | ............ | ............ | 31,653 | 67,325 | 84,673 | ............ | 74 | 47 | −31,653 | −67,251 | −84,626 |
| 84 | Household industry | 7,709 | 10,087 | 12,284 | ............ | ............ | ............ | ............ | ............ | ............ | 7,709 | 10,087 | 12,284 |
| 85 | Inventory valuation adjustment | −17,817 | −7,982 | 690 | ............ | ............ | ............ | ............ | ............ | ............ | −18,507 | −7,982 | 690 |

NOTE.—Domestic supply equals commodity output plus imports less exports less the change in private inventories.
Changes in private inventories are not shown separately in this table.

1992–96 as the result of the overall growth in the economy after the 1990–91 cyclical contraction.

In 1992–96, increases in imports accounted for 62 percent of the increase in the domestic supply of computer and office equipment, for 34 percent of the increase in the domestic supply of electronic components and accessories, and for 36 percent of the increase in the domestic supply of metalworking machinery and equipment. For all commodities, imports accounted for 8.5 percent of the increase in the domestic supply.

### Table B.—Commodities with the Fastest Growing Output, Selected Years

| Commodity number | Description | 1992–96 | | | | | 1987–92 | |
| | | Commodity output | | | Exports | | Commodity output | |
| | | Change in level (millions of dollars) | Average annual rate of growth (percent) | Rank by average annual rate of growth | Change in level (millions of dollars) | Export change/ commodity output change (percent) | Average annual rate of growth (percent) | Rank by average annual rate of growth |
|---|---|---|---|---|---|---|---|---|
| | **All commodities** | **2,932,105** | **6.8** | ............. | **190,473** | **6.6** | **5.8** | ............. |
| 57 | Electronic components and accessories | 56,141 | 15.3 | 1 | 16,201 | 28.9 | 8.7 | 11 |
| 67 | Radio and TV broadcasting | 1,813 | 13.8 | 2 | ............. | ............. | 3.5 | 64 |
| 73A | Computer and data processing services, including own-account software | 101,337 | 13.6 | 3 | 812 | .8 | 12.4 | 1 |
| 48 | Special industry machinery and equipment | 13,296 | 13.5 | 4 | 3,963 | 29.8 | 4.3 | 53 |
| 56 | Audio, video, and communication equipment | 27,018 | 11.2 | 5 | 6,881 | 25.5 | 4.4 | 49 |
| 50 | Miscellaneous machinery, except electrical | 13,155 | 11.2 | 6 | 1,310 | 10.0 | 4.7 | 40 |
| 51 | Computer and office equipment | 31,629 | 10.8 | 7 | 14,154 | 44.8 | 2.7 | 71 |
| 46 | Materials handling machinery and equipment | 4,124 | 10.6 | 8 | 567 | 13.7 | 2.4 | 73 |
| 44+45 | Farm, construction, and mining machinery | 15,410 | 10.6 | 9 | 3,389 | 22.0 | 3.5 | 62 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | 39,945 | 10.5 | 10 | 7,619 | 19.1 | 3.5 | 63 |

### Table C.—Commodities with the Slowest Growing Output, Selected Years

| Commodity number | Description | 1992–96 | | | | | 1987–92 | |
| | | Commodity output | | | Exports | | Commodity output | |
| | | Change in level (millions of dollars) | Average annual rate of growth (percent) | Rank by average annual rate of growth | Change in level (millions of dollars) | Export change/ commodity output change (percent) | Average annual rate of growth (percent) | Rank by average annual rate of growth |
|---|---|---|---|---|---|---|---|---|
| | **All commodities** | **2,932,105** | **6.8** | ............. | **190,473** | **6.6** | **5.8** | ............. |
| 13 | Ordnance and accessories | –3,915 | –4.7 | 93 | –249 | 6.4 | –4.6 | 93 |
| 07 | Coal mining | –4,009 | –4.0 | 92 | –588 | 14.7 | 1.1 | 88 |
| 60 | Aircraft and parts | –11,524 | –2.9 | 91 | –4,503 | 39.1 | 3.9 | 58 |
| 33+34 | Footwear, leather, and leather products | –531 | –1.4 | 90 | 222 | (¹) | 1.7 | 83 |
| 15 | Tobacco products | –365 | –.2 | 89 | 361 | (¹) | 8.8 | 10 |
| 39 | Metal containers | 60 | .1 | 88 | –39 | (¹) | 2.4 | 72 |
| 18 | Apparel | 2,518 | .9 | 87 | 2,922 | 116.2 | 1.3 | 87 |
| 63 | Ophthalmic and photographic equipment | 1,038 | 1.1 | 86 | 734 | 70.6 | 4.0 | 57 |
| 65C | Water transportation | 2,473 | 1.8 | 85 | 780 | 31.7 | 7.3 | 17 |
| 01 | Livestock and livestock products | 6,690 | 1.8 | 84 | –4 | (¹) | 1.3 | 86 |

1. The ratio is not meaningful, because the change in exports and the change in output move in opposite directions.

### Table D.—Commodities with the Fastest Growing Domestic Supply, Selected Years

| Commodity number | Description | 1992–96 | | | | | 1987–92 | |
| | | Domestic supply | | | Imports | | Domestic supply | |
| | | Change in level (millions of dollars) | Average annual rate of growth (percent) | Rank by average annual rate of growth | Change in level (millions of dollars) | Import change/ domestic supply change (percent) | Average annual rate of growth (percent) | Rank by average annual rate of growth |
|---|---|---|---|---|---|---|---|---|
| | **All commodities** | **2,954,247** | **6.2** | ............. | **249,566** | **8.5** | **5.6** | ............. |
| 57 | Electronic components and accessories | 60,642 | 15.5 | 1 | 20,613 | 34.0 | 9.9 | 6 |
| 67 | Radio and TV broadcasting | 1,813 | 13.8 | 2 | ............. | ............. | 3.5 | 54 |
| 73A | Computer and data processing services, including own-account software | 100,616 | 13.7 | 3 | 224 | .2 | 12.2 | 1 |
| 51 | Computer and office equipment | 45,473 | 12.9 | 4 | 27,985 | 61.5 | 4.6 | 36 |
| 44+45 | Farm, construction, and mining machinery | 15,260 | 12.1 | 5 | 3,632 | 23.8 | 1.1 | 87 |
| 48 | Special industry machinery and equipment | 12,216 | 11.8 | 6 | 2,823 | 23.1 | 3.2 | 60 |
| 46 | Materials handling machinery and equipment | 4,607 | 11.4 | 7 | 1,102 | 23.9 | .9 | 88 |
| 50 | Miscellaneous machinery, except electrical | 11,853 | 10.2 | 8 | 464 | 3.9 | 5.9 | 25 |
| 47 | Metalworking machinery and equipment | 13,455 | 10.2 | 9 | 4,832 | 35.9 | 3.0 | 64 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | 40,449 | 10.1 | 10 | 9,181 | 22.7 | 3.5 | 55 |

Of the 10 slowest growing commodities in domestic supply in 1992–96, tobacco products, scientific and controlling instruments, ophthalmic and photographic equipment, aircraft and parts, and water transportation were among the faster growing in 1987–92 (table E).

Changes in final uses PCE, private investment, and government consumption expenditures and gross investment—also affected the relative rates of growth in domestic supply. In 1992–96, reductions in national defense spending contributed directly to the declines in the domestic supply of ordnance and accessories, aircraft and parts, and scientific and controlling instruments. The slow growth in scientific and controlling instruments also reflected the decline in aircraft and parts, because it is an important intermediate input in the production of aircraft. The step-up in private investment contributed directly to the strong increases in "computer and data processing services, including own-account software"; computer and office equipment; farm, construction, and mining machinery; special industry machinery and equipment; materials handling machinery and equipment; and metal working machinery and equipment.

## Methodology
## for the 1996 Annual I-O Accounts

The 1996 annual I-O accounts are based on both the 1992 benchmark I-O accounts and on the most recently revised NIPA's. The 1996 estimates incorporated the definitional, classification, and statistical changes that were introduced in the 1999 comprehensive revision of the NIPA's, including a definitional change in the treatment of business and government expenditures for software. Business and government purchases of software (except software embedded in other equipment) that were previously treated as intermediate purchases by business or as government consumption expenditures are now treated as investment. The costs—the intermediate inputs and the value-added inputs—that are associated with the production of own-account software are also treated as investment.[8] In the I-O accounts, these costs are added to the gross output of the computer services industry (industry 73A).[9] These and other changes were incorporated into the 1996 annual I-O estimates to make them more consistent with the NIPA's.

The methodology used to prepare the 1996 annual estimates is similar to that used for the 1992 benchmark estimates, but the annual estimates are based on less comprehensive and less detailed source data. For the annual estimates for which data were unavailable, the relationships from the 1992 benchmark accounts were extrapolated to 1996.

The annual I-O estimates are prepared in five steps: (1) The output total for each industry and commodity is calculated; (2) the commodity composition of intermediate inputs for each industry is estimated; (3) the domestic supply of each commodity is estimated; (4) the commodity compositions of the GDP expenditure components for PCE, gross private fixed investment, and government consumption and investment expenditures are derived; and (5) the table is balanced. In the rest of this section, for each of these

---

8. Moulton, Parker, and Seskin, 8.

9. In the I-O accounts, these costs are "redefined"—subtracted from the inputs of businesses that produce own-account software and from government consumption expenditures and added to the inputs of the computer services industry. Own-account construction is treated similarly.

---

**Table E.—Commodities with the Slowest Growing Domestic Supply, Selected Years**

| Commodity number | Description | 1992–96 | | | | | 1987–92 | |
|---|---|---|---|---|---|---|---|---|
| | | Domestic supply | | | Imports | | Domestic supply | |
| | | Change in level (millions of dollars) | Average annual rate of growth (percent) | Rank by average annual rate of growth | Change in level (millions of dollars) | Import change/ domestic supply change (percent) | Average annual rate of growth (percent) | Rank by average annual rate of growth |
| | All commodities | 2,954,247 | 6.2 | ............. | 249,566 | 8.5 | 5.6 | ............. |
| 13 | Ordnance and accessories | −5,601 | −7.3 | 93 | 138 | (1) | −3.5 | 93 |
| 60 | Aircraft and parts | −17,883 | −6.0 | 92 | −441 | 2.5 | 4.3 | 45 |
| 07 | Coal mining | −3,532 | −3.9 | 91 | 153 | (1) | 1.9 | 77 |
| 39 | Metal containers | 206 | .4 | 90 | 88 | 42.7 | 2.3 | 75 |
| 15 | Tobacco products | 589 | .4 | 89 | −564 | (1) | 6.7 | 20 |
| 65C | Water transportation | 811 | .9 | 88 | −895 | (1) | 9.5 | 8 |
| 62 | Scientific and controlling instruments | 8,039 | 1.9 | 87 | 4,683 | 58.3 | 4.5 | 38 |
| 16 | Broad and narrow fabrics, yarn and thread mills | 3,806 | 2.4 | 86 | −11 | (1) | 1.4 | 83 |
| 01 | Livestock and livestock products | 9,179 | 2.5 | 85 | 359 | 3.9 | 1.2 | 85 |
| 63 | Ophthalmic and photographic equipment | 3,041 | 2.7 | 84 | 2,422 | 79.6 | 4.4 | 41 |

1. The ratio is not meaningful, because the change in imports and the change in domestic supply move in opposite directions.

steps, the procedures and source data used to prepare the 1996 annual estimates are compared with those used to prepare the 1992 benchmark estimates.

### Industry and commodity output totals

For most industries, source data are available to estimate 1996 industry output at the same level of detail as that used for the 1992 benchmark accounts. For manufacturing, trade, and most service industries, the source data for the 1996 estimates are based on sample surveys, whereas the source data for the benchmark estimates were based on more complete and detailed data from the quinquennial economic censuses. For agriculture, insurance, and government enterprises and for major parts of transportation, communications, utilities, finance, and real estate, the source data used for the 1996 estimates are comparable to those used for the benchmark estimates. For the industries for which annual source data at the benchmark level of detail are not available, aggregated industry source data are used to extrapolate the industry output estimates. Table F summarizes by major industry division the number of I-O industries and the number of industry extrapolators available for the 1996 estimates; table G shows the data sources for these estimates.

For most commodities, source data are available to estimate 1996 commodity output at the same level of detail as that used for the 1992

benchmark accounts, and the data used for these estimates are from the same sources as those used to estimate industry output. For commodities without a commodity extrapolator, the commodity output is estimated using the industry output extrapolator and the 1992 benchmark commodity composition of industry output. This procedure is based on the assumption that the proportions of commodities produced by industries were constant from 1992 to 1996.

### Commodity composition of intermediate inputs

The 1996 estimates of the composition of intermediate inputs used by each industry are based on 1992 benchmark relationships, with adjustments for changes in relative prices and other factors. First, each industry's 1996 output, valued in

**Table F.—Annual I-O Industry Extrapolators and Commodity Extrapolators and Price Indexes, 1996**

| Industry/commodity group | Industries | | Commodities | | |
|---|---|---|---|---|---|
| | Total number | Number with concurrent extrapolators | Total number | Number with concurrent extrapolators | Number with price indexes |
| **Total** ............................................ | **780** | **758** | **4,663** | **4,076** | **2,122** |
| Agriculture products ......................... | 21 | 21 | 73 | 73 | 53 |
| Minerals ........................................... | 25 | 25 | 66 | 66 | 25 |
| Construction ..................................... | 57 | 57 | 63 | 63 | 54 |
| Manufacturing products .................... | 436 | 436 | 3,668 | 3,663 | 1,792 |
| Transportation, communication, and utilities ........................................... | 40 | 33 | 82 | 47 | 48 |
| Trade ................................................ | 63 | 63 | 231 | 2 | 2 |
| Finance ............................................. | 10 | 10 | 119 | 92 | 27 |
| Services ............................................ | 86 | 71 | 229 | 13 | 105 |
| Other ................................................ | 41 | 41 | 124 | 49 | 15 |
| Noncomparable imports ................... | 1 | 1 | 8 | 8 | 1 |

---

## Alternative Make and Use Tables

An alternative set of make and use tables that is more closely based on the 1987 Standard Industrial Classification System (SIC) was also prepared (see the box "Data Availability" on page 46). The alternative tables conform more closely to the current SIC establishment-based data collection system by showing the primary and secondary products in the industries that produce them. As a result, the industry definitions, which are used to determine the columns of the use table and the rows of the make table, may differ from those used in the traditional I-O tables.[1] For some industries, the differences may be significant. For example, auto repair output from the retail trade industry in the alternative I-O tables is only about 40 percent as large as auto repair industry output in the traditional I-O tables. Generally, the redefinitions affect the following industries: Manufacturing activities by nonmanufacturing industries—for example, bread making in the retail trade industry; trade

activities by nontrade industries—for example, buying and selling excess materials from inventory by manufacturing establishments; and service activities by industries in which services are not primary—for example, eating-and-drinking-related activities in the hotels and lodging places industry. However, construction activities performed by nonconstruction industries are redefined to construction in both the traditional and alternative tables.

The commodity definitions, which are used to determine the rows of the use table and the columns of the make table, are the same as those used in the traditional tables. Because SIC-defined industries include heterogeneous input mixes and production processes, alternative total requirements tables are not prepared.

The alternative tables are particularly useful for comparisons of industry data from the accounts with other SIC-based data, such as the data for gross product by industry and for capital stock that are prepared by BEA and the employment data that are prepared by the Bureau of Labor Statistics.

---

1. For a discussion of the I-O industry classification system used for the traditional tables, see Lawson, 46–47.

## Table G.—Principal Source Data for 1996 Industry and Commodity Output

| Commodity and industry | Source data for extrapolation | Price index |
|---|---|---|
| **Agriculture, forestry, and fisheries:** | | |
| 01 Livestock and livestock products ............................... | Cash receipts from marketings and inventory change from USDA. | Prices received by farmers from USDA |
| 02 Other agricultural products ........................................ | Cash receipts from marketings and inventory change from USDA. | Prices received by farmers from USDA |
| 03 Forestry and fishery products ................................... | For forestry, shipments of logging camps and contractors from Census Bureau annual survey; for fishery products, wages and salaries from BLS. | For forestry, PPI's; for fishery products, IPD for fish landed |
| 04 Agricultural, forestry, and fishery services ............... | Wages and salaries from BLS ........................................... | Composite index of wages and salaries per employee from BLS, farm prices, and PPI's |
| **Mining:** | | |
| 05+06 Metallic ores mining ........................................... | Physical quantity: produced times average price; for uranium, physical quantity and average price from DOE; for all others, quantities and prices from USGS. | IPD for metallic minerals from DOE and USGS |
| 07 Coal mining ............................................................. | Physical quantity produced times average price from DOE. | IPD for coal from DOE |
| 08 Crude petroleum and natural gas ............................ | Physical quantity produced times average price from DOE. | IPD for crude petroleum and natural gas from DOE, except for natural gas liquids (PPI) |
| 09 Nonmetallic minerals mining .................................... | Physical quantity produced times average price, both from USGS. | IPD for nonmetallic minerals from USGS |
| **Construction:** | | |
| 11 New construction including own-account construction. | Value put in place from Census Bureau monthly construction survey; expenditures from Federal regulatory agencies and trade sources, Department of Agriculture surveys. | BEA price index for new construction |
| 12 Maintenance and repair construction including own-account construction. | Census Bureau annual surveys and BLS survey of expenditures by owner occupants. | BEA price index for maintenance and repair construction |
| **Manufacturing** ................................................................ | Shipments and inventory change from Census Bureau annual survey. | PPI's, BEA computer price index, BEA semiconductor price index, BEA digital telephone-switching equipment price index, and BEA price indexes based on DOD prices paid for military equipment |
| **Transportation, communication, and utilities:** | | |
| 65A Railroads and related services; passenger ground transportation. | For railroad transportation, total operating revenue for Class I railroads from trade source, and AMTRAK; for taxicabs, PCE; for local and suburban transit, trade source. | For railroads, IPD for freight and passenger ton-miles from trade source; for taxicabs, CPI; for intercity buses, IPD for passenger revenue-miles from trade source; for school buses, wages and salaries per employee from BLS; for other local transit, IPD for passenger trips from trade source |
| 65B Motor freight transportation and warehousing ........ | Census Bureau annual survey ........................................... | IPD for freight ton-miles from trade source |
| 65C Water transportation ............................................... | For marinas, wages and salaries from BLS; for marine cargo handling, tonnage handled from Army Corps of Engineers; for other water transportation, trade sources. | For marinas, PCE price index; for marine cargo handling, wages and salaries per employee from BLS; for other water transportation, composite index of PPI's and BEA price indexes |
| 65D Air transportation .................................................... | Operating revenues of air carriers and of Federal Express from DOT and public sources. | IPD for revenue passenger miles and freight ton-miles from DOT |
| 65E Pipelines, freight forwarders, and related services | For pipelines, operating revenues from trade source; for freight forwarders and related services, freight revenues from Census Bureau annual surveys and trade sources; for arrangement of passenger transportation, Census Bureau annual survey. | For pipelines, IPD for ton miles from trade source. For arrangement of passenger transportation and freight forwarders, PPI; for related services, wages and salaries per employee from BLS |
| 66 Communications, except radio and TV ..................... | Census Bureau annual survey ........................................... | For cellular telephone services, PCE price index; for other telephone services, PPI |
| 67 Radio and TV broadcasting ...................................... | Census Bureau annual survey ........................................... | For advertising, cost indexes from trade sources. For cable television, PPI |
| 68A Electric services (utilities) ..................................... | For private utilities, revenues from DOE. For rural cooperatives, revenues from USDA. | PPI |
| 68B Gas production and distribution (utilities) .............. | Revenues of gas pipeline and utilities from DOE ............. | IPD for BTU's from trade sources |
| 68C Water and sanitary services .................................. | Revenues from trade source .............................................. | CPI |
| **Wholesale and retail trade:** | | |
| 69A Wholesale trade ...................................................... | Census Bureau annual survey ........................................... | For all except equipment rental by manufacturers sales offices, sales price index by kind-of-business computed from PPI's; for equipment rental, BEA capital stock price index |
| 69B Retail trade ............................................................. | Census Bureau annual survey ........................................... | Sales price index by kind-of-business computed from PPI's |
| **Finance, insurance, and real estate:** | | |
| 70A Finance ................................................................... | For priced services of depository and nondepository institutions (check collection, wire, transfer, clearing houses, etc.), from the DOTr; for imputed service charges, regulatory agencies and FED; for security and commodity brokers, receipts from SEC and interest from SEC. | For imputed service charges, CPI price index; for priced services, CPI for personal financial services; for security and commodity brokers, IPD from SEC and trade sources; for other services, GDP IPD |

1992 dollars, is estimated using an industry price index that is calculated by weighting commodity price indexes with the commodity composition of each industry's output. Generally, the number of price indexes available for commodities is fewer than the number of commodities; for commodities for which a price index is unavailable, an aggregate price index is applied to multiple commodities (tables F and G). [10]

10. Slightly different estimates of intermediate consumption by industry results would have been obtained if the 1996 output and the resulting real intermediate consumption estimates had been reflated using chain-type price

Second, each industry's 1996 output, valued in 1992 dollars, is multiplied by that industry's 1992 direct requirements per dollar of output to obtain 1996 intermediate inputs valued in 1992 dollars. This procedure is based on the assumption that the 1996 composition of an industry's inputs per dollar of its output valued in 1992 constant dollars is unchanged from that in the

indexes like those used for most other BEA estimates. However, any such difference would not affect the allocation between final uses and intermediate inputs, because the allocations for final uses is based on the 1996 current-dollar NIPA estimates and the actual 1996 current-dollar commodity output.

### Table G.—Principal Source Data for 1996 Industry and Commodity Output—Continued

| Commodity and industry | Source data for extrapolation | Price index |
|---|---|---|
| 70B Insurance | For insurance carriers from trade sources; for insurance agents, brokers, and services, receipts from IRS tabulations of business tax returns. | For health and life insurance, PCE price indexes. For all other insurance, BEA composite price index of IPD for workers compensation and CPI for auto and property insurance; for agents, brokers, and services, insurance carrier composite price indexes weighted by commissions from trade sources |
| 71A Owner-occupied dwellings | Census Bureau annual surveys | CPI |
| 71B Real estate and royalties | For tenant-occupied dwellings, Census Bureau annual surveys; for royalties, IRS tabulations of business tax returns. | For nonfarm business rental and property management, rental rate per square foot from trade source; for condominium association fees and for home maintenance and repair services, CPI; for all other, BEA price indexes |
| **Services:** | | |
| 72A Hotels and lodging places | Receipts from Census Bureau annual survey | Room-rate index from trade source |
| 72B Personal and repair services (except auto) | Receipts from Census Bureau annual survey | CPI |
| 73A Computer and data processing services, including own-account software. | For own-account software, BEA; for all other receipts, Census Bureau annual survey. | For prepackaged software, BEA price index; for computer equipment rental, BEA capital stock price index; for custom programming and own-account software, BEA own-account software price index; for all others, wages and salaries per employee from BLS |
| 73B Legal, engineering, accounting, and related services. | Receipts from Census Bureau annual survey | For legal services, CPI; for accounting services, PCE price index ; for engineering and related services, PPI and wages and salaries per employee from BLS |
| 73C Other business and professional services, except medical. | Receipts from Census Bureau annual survey | CPI. |
| 73D Advertising | Receipts from Census Bureau annual survey | Cost indexes by type of media from trade sources |
| 74 Eating and drinking places | Receipts from Census Bureau annual survey | CPI |
| 75 Automotive repair and services | Receipts from Census Bureau annual survey | CPI |
| 76 Amusements | Receipts from Census Bureau annual survey | CPI |
| 77A Health services | For hospitals, receipts from trade sources; other health services, receipts from Census Bureau annual survey. | For hospitals, PPI; for other health services, PPI; for physicians services, CPI and HCFA index of input prices for other services |
| 77B Educational and social services, and membership organizations. | For private education and social services, BLS ; for membership organizations, Census Bureau annual surveys. | PCE price index |
| **Government enterprises:** | | |
| 78 Federal Government enterprises | For the post office, U.S. Postal Service receipts; for electric utilities, DOE; for other enterprises U.S. Budget documents. | For U.S. Postal Service and for Federal electric utilities, PPI; for other enterprises, BEA composite price index |
| 79 State and local government enterprises | For electric utilities, DOE, for other enterprises Census annual surveys. | For electric utilities, PPI; for transit, composite price index based on PCE price indexes for private transit; for other enterprises, BEA composite price index |
| 80 Noncomparable imports | No domestic measures of industry and commodity output | BLS import price indexes |
| 81 Scrap, used and secondhand goods | Census Bureau annual surveys | PPI |
| 82 General government industry | Employee compensation and consumption of fixed capital from BEA. | BEA price indexes |
| 83 Rest of the world adjustment to final uses | No domestic measures of industry and commodity output | n.a. |
| 84 Household industry | Employee compensation from BLS | BEA price index based on BLS prices |
| 85 Inventory valuation adjustment | BEA | n.a. |

| | |
|---|---|
| BEA Bureau of Economic Analysis | ICC Interstate Commerce Commission |
| BLS Bureau of Labor Statistics | IPD Implicit price deflator (BEA) |
| CPI Consumer Price Index (BLS) | IRS Internal Revenue Service |
| DOC U.S. Department of Commerce | NOAA National Oceanic and Atmospheric Administration |
| DOD U.S. Department of Defense | NRPC National Railroad Passenger Corporation |
| DOE U.S. Department of Energy | PCE Personal consumption expenditures (BEA) |
| DOT U.S. Department of Transportation | PPI Producer Price Index (BLS) |
| DOTr U.S. Department of the Treasury | SEC Securities and Exchange Commission |
| FED Federal Reserve Board | USDA U.S. Department of Agriculture |
| FCC Federal Communications Commission | USGS U.S. Geological Survey (Office of Minerals) |
| HCFA Health Care Financing Administration | n.a. Not applicable. |

1992 benchmark accounts. The results are then reflated to current-dollar values using commodity price indexes. For the benchmark estimates, source data for the commodity composition of intermediate inputs for each industry were available, primarily from the quinquennial economic censuses.

Finally, commodity taxes, transportation costs, and trade margins for each input are estimated. Commodity taxes are added to raise inputs in basic prices to producers' prices. Transportation costs and trade margins are estimated to provide the producer-value inputs of these commodities by industries, using rates based on 1996 commodity output and 1992 relationships.

### Domestic supply

Domestic supply—the total value of goods and services available for consumption as intermediate inputs by industries or as PCE, gross private fixed investment, and government consumption and investment expenditures—is calculated as domestic commodity output plus imports less exports less the change in private inventories. Exports and imports in both the annual and benchmark I-O accounts are based on Census Bureau foreign trade statistics and the BEA international transactions accounts.[11] The 1996 change in private inventories by industry are from the NIPA's, and the commodity composition of inventories held by industries are based on 1992 benchmark relationships.

### Commodity composition of final uses excluding trade and change in private inventories

The 1996 annual estimates of the major expenditure components of final uses for PCE, gross private fixed investment, and government consumption and investment are based on the procedures used to estimate GDP in the NIPA's.[12]

The major differences between the source data and the estimating procedures used for the 1992 benchmark estimates and those used for the 1996 NIPA estimates by major GDP expenditure component are as follows:

- PCE goods—The 1996 estimates are extrapolated from the 1992 benchmark estimates using the retail-control method. For the 1992

benchmark estimates, the commodity-flow method was used.[13]

- PCE services—The 1996 estimates are extrapolated from the 1992 benchmark estimates using measures of gross output that are similar to those used for the 1996 estimates of industry and commodity output.

- Private investment in equipment and software—The 1996 estimates are extrapolated from the 1992 benchmark estimates using an abbreviated commodity-flow method.[14]

The initial estimates of the 1996 commodity composition of PCE and gross private fixed investment are based on the commodity-flow method. The initial estimates for government expenditures are extrapolated using 1992 benchmark relationships.

### Balancing the table

For each commodity, the initial estimates of the commodity distribution of domestic supply to all intermediate industries, PCE, gross private fixed investment, and government consumption and investment expenditures are adjusted so that these shares of domestic supply are similar to the shares in the 1992 I-O benchmark accounts. These estimates are then further adjusted to reflect the 1996 estimates of final expenditure categories from the 1999 NIPA comprehensive revision. Value added by industry is estimated by subtracting the sum of intermediate inputs by industry from industry output.

*An appendix and tables 1 through 5 follow.*

13. For a description of the retail-control method, see U.S. Department of Commerce, Bureau of Economic Analysis, Personal Consumption Expenditures, Methodology Paper No. 6 (Washington, DC: U.S. Government Printing Office, 1990): 41; for a description of the commodity-flow method, see Lawson, 39.

14. See "Updated Summary NIPA Methodologies," 20–21.

11. Net exports in the I-O accounts and the NIPA's are equivalent.

12. See "Updated Summary NIPA Methodologies," SURVEY 78 (September 1998): 14–35 and Seskin, 15–43.

### Appendix.—Classification of Industries in the Annual Input-Output Accounts

[An asterisk preceding a Standard Industrial Classification (SIC) code indicates that the SIC industry is included in more than one I-O industry.]

| I-O number | I-O title | Related 1987 SIC codes | I-O number | I-O title | Related 1987 SIC codes |
|---|---|---|---|---|---|
| | **AGRICULTURE, FORESTRY, AND FISHERIES** | | 55 | Electric lighting and wiring equipment | 364 |
| 01 | Livestock and livestock products | *01, *02 | 56 | Audio, video, and communication equipment | 365, 366 |
| 02 | Other agricultural products | *01, *02 | 57 | Electronic components and accessories | 367 |
| 03 | Forestry and fishery products | 081, 083, 091, 097 | 58 | Miscellaneous electrical machinery and supplies | 369 |
| 04 | Agricultural, forestry, and fishery services | 0254, *0279, 071, 072, 075, 076, 078, 085, 092 | 59A | Motor vehicles (passenger cars and trucks) | 3711 |
| | | | 59B | Truck and bus bodies, trailers, and motor vehicles parts | 3713–5 |
| | | | 60 | Aircraft and parts | 372, 3764, 3769 |
| | **MINING** | | 61 | Other transportation equipment | 3716, 373–5, 3792, 3799 |
| 05+06 | Metallic ores mining | 101–6, *108, 109 | 62 | Scientific and controlling instruments | 381, 382, 384, 387 |
| 07 | Coal mining | 121–3, *124 | | | |
| 08 | Crude petroleum and natural gas | 131, 132, *138 | 63 | Ophthalmic and photographic equipment | 385, 386 |
| 09+10 | Nonmetallic minerals mining | 141–7, *148, 149 | 64 | Miscellaneous manufacturing | 39 |
| | **CONSTRUCTION** | | | **TRANSPORTATION, COMMUNICATION, AND UTILITIES** | |
| 11 | New construction including own-account construction | *108, *124, *138, *148, *15, *16, *17, 6552 | 65A | Railroads and related services; passenger ground transportation. | 40, 41, 474 |
| 12 | Maintenance and repair construction including own-account construction. | *138, *15, *16, *17 | 65B | Motor freight transportation and warehousing | 42 |
| | | | 65C | Water transportation | 44 |
| | **MANUFACTURING** | | 65D | Air transportation | 45 |
| 13 | Ordnance and accessories | 348, 3761, 3795 | 65E | Pipelines, freight forwarders, and related services | 46, 472, 473, 478 |
| 14 | Food and kindred products | 20 | 66 | Communications, except radio and TV | 481, 482, 484, 489 |
| 15 | Tobacco products | 21 | 67 | Radio and TV broadcasting | 483 |
| 16 | Broad and narrow fabrics, yarn and thread mills | 221–4, *226, 228 | 68A | Electric services (utilities) | 491, 4931 |
| 17 | Miscellaneous textile goods and floor coverings | 227, 229 | 68B | Gas production and distribution (utilities) | 492, 4932, 4939 |
| 18 | Apparel | 225, 231–8 | 68C | Water and sanitary services | 494–7 |
| 19 | Miscellaneous fabricated textile products | 239 | | **WHOLESALE AND RETAIL TRADE** | |
| 20+21 | Lumber and wood products | 24 | 69A | Wholesale trade | 50, 51 |
| 22+23 | Furniture and fixtures | 25 | 69B | Retail trade | 52–7, 59 |
| 24 | Paper and allied products, except containers | 261, 262, 263, 267 | | **FINANCE, INSURANCE, AND REAL ESTATE** | |
| 25 | Paperboard containers and boxes | 265 | 70A | Finance | 60–2, 67 (excluding 6732) |
| 26A | Newspapers and periodicals | 271, 272 | 70B | Insurance | 63, 64 |
| 26B | Other printing and publishing | 273–9 | 71A | Owner-occupied dwellings | |
| 27A | Industrial and other chemicals | 281, 286, 289 | 71B | Real estate and royalties | 65 (excluding 6552) |
| 27B | Agricultural fertilizers and chemicals | 287 | | | |
| 28 | Plastics and synthetic materials | 282 | | | |
| 29A | Drugs | 283 | | **SERVICES** | |
| 29B | Cleaning and toilet preparations | 284 | 72A | Hotels and lodging places | 70 |
| 30 | Paints and allied products | 285 | 72B | Personal and repair services (except auto) | 72, 762–4 |
| 31 | Petroleum refining and related products | 29 | 73A | Computer and data processing services | 737 |
| 32 | Rubber and miscellaneous plastics products | 30 | 73B | Legal, engineering, accounting, and related services | 81, 871, 872, 89 |
| 33+34 | Footwear, leather, and leather products | 31 | 73C | Other business and professional services, except medical. | 732–6, 738, 769, 8731, 8732, 8734, 874 |
| 35 | Glass and glass products | 321–3 | | | |
| 36 | Stone and clay products | 324–9 | 73D | Advertising | 731 |
| 37 | Primary iron and steel manufacturing | 331, 332, 339, 3462 | 74 | Eating and drinking places | 58 |
| 38 | Primary nonferrous metals manufacturing | 333–6, 3463 | 75 | Automotive repair and services | 75 |
| 39 | Metal containers | 341 | 76 | Amusements | 78, 79 |
| 40 | Heating, plumbing, and fabricated structural metal products. | 343, 344 | 77A | Health services | 074, 80 |
| 41 | Screw machine products and stamping | 345, 3465–9 | 77B | Educational and social services, and membership organizations. | 6732, 82–4, 86, 8733 |
| 42 | Other fabricated metal products | 342, 347, 349 | | | |
| 43 | Engines and turbines | 351 | | **SPECIAL INDUSTRIES** | |
| 44+45 | Farm, construction, and mining machinery | 352, 3531–3 | 78 | Federal Government enterprises | (1) |
| 46 | Materials handling machinery and equipment | 3534–7 | 79 | State and local government enterprises | (1) |
| 47 | Metalworking machinery and equipment | 354 | 80 | Noncomparable imports | (2) |
| 48 | Special industry machinery and equipment | 355 | 81 | Scrap, used and secondhand goods | (3) |
| 49 | General industrial machinery and equipment | 356 | 82 | General government industry | (4) |
| 50 | Miscellaneous machinery, except electrical | 359 | 83 | Rest of the world adjustment to final uses | (5) |
| 51 | Computer and office equipment | 357 | 84 | Household industry | (6) |
| 52 | Service industry machinery | 358 | 85 | Inventory valuation adjustment | (7) |
| 53 | Electrical industrial equipment and apparatus | 361, 362 | | | |
| 54 | Household appliances | 363 | | | |

1. The SIC assigns codes to activities regardless of whether the establishment is owned by a private firm or a government agency. In the I-O accounts, SIC codes are used only to classify private activities.
2. Noncomparable imports include imported services that are not commercially produced in the United States and goods and services that are produced abroad and used abroad by U.S. residents—for example, U.S. Federal Government defense spending abroad.
3. Scrap is a secondary product of many industries, and used goods are sales and purchases typically between final uses. Industry output is zero because there is no primary producing industry. The sales are shown as negative values in the use table.

4. Industry output is defined as the compensation of employees and consumption of fixed capital of general government agencies. The compensation of employees engaged in construction work is included in construction. The compensation of employees engaged in the production of own-account software is included in computer and data processing services.
5. The commodity entries include adjustments among PCE and government expenditures to eliminate counting the expenditures by foreign residents in both exports and PCE or government expenditures.
6. Industry output is defined as the compensation of domestic household workers.
7. The inventory valuation adjustment removes inventory profits and losses from business income.

## Table 1.—The Make of Commodities

[Millions of dollars

| Industry number | For the distribution of industries producing a commodity, read the column for that commodity — For the distribution of commodities produced by an industry, read the row for that industry | Livestock and livestock products | Other agricultural products | Forestry and fishery products | Agricultural, forestry, and fishery services | Metallic ores mining | Coal mining | Crude petroleum and natural gas | Non-metallic minerals mining | New construction, including own-account construction | Maintenance and repair construction, including own-account construction |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Commodity number | | 1 | 2 | 3 | 4 | 5+6 | 7 | 8 | 9+10 | 11 | 12 |
| 1 | Livestock and livestock products | 96,065 | | 252 | 732 | | | | | | |
| 2 | Other agricultural products | | 137,455 | 3,148 | 1,530 | | | | | | |
| 3 | Forestry and fishery products | | | 11,136 | | | | | | | |
| 4 | Agricultural, forestry, and fishery services | | | | 37,376 | | | | | | |
| 5+6 | Metallic ores mining | | | | | 12,825 | 9 | | 12 | | |
| 7 | Coal mining | | | | | | 22,896 | | 2 | | |
| 8 | Crude petroleum and natural gas | | | | | | | 112,299 | | | |
| 9+10 | Nonmetallic minerals mining | | | | | 14 | 3 | | 14,386 | | |
| 11 | New construction, including own-account construction | | | | | | | | | 588,735 | |
| 12 | Maintenance and repair construction, including own-account construction | | | | | | | | | | 278,930 |
| 13 | Ordnance and accessories | | | | | | | | | | |
| 14 | Food and kindred products | | | | | | | | | | |
| 15 | Tobacco products | | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | | | | | | | | | | |
| 17 | Miscellaneous textile goods and floor coverings | | | | | | | | | | |
| 18 | Apparel | | | | | | | | | | |
| 19 | Miscellaneous fabricated textile products | | | | | | | | | | |
| 20+21 | Lumber and wood products | | | | | | | | | | |
| 22+23 | Furniture and fixtures | | | | | | | | | | |
| 24 | Paper and allied products, except containers | | | | | | | | | | |
| 25 | Paperboard containers and boxes | | | | | | | | | | |
| 26A | Newspapers and periodicals | | | | | | | | | | |
| 26B | Other printing and publishing | | | | | | | | | | |
| 27A | Industrial and other chemicals | | | | | | | | | | |
| 27B | Agricultural fertilizers and chemicals | | | | | | | | | | |
| 28 | Plastics and synthetic materials | | | | | | | | | | |
| 29A | Drugs | | | | | | | | | | |
| 29B | Cleaning and toilet preparations | | | | | | | | | | |
| 30 | Paints and allied products | | | | | | | | | | |
| 31 | Petroleum refining and related products | | | | | | | | | | |
| 32 | Rubber and miscellaneous plastics products | | | | | | | | | | |
| 33+34 | Footwear, leather, and leather products | | | | | | | | | | |
| 35 | Glass and glass products | | | | | | | | | | |
| 36 | Stone and clay products | | | | | | | | | | |
| 37 | Primary iron and steel manufacturing | | | | | | | | | | |
| 38 | Primary nonferrous metals manufacturing | | | | | | | | | | |
| 39 | Metal containers | | | | | | | | | | |
| 40 | Heating, plumbing, and fabricated structural metal products | | | | | | | | | | |
| 41 | Screw machine products and stampings | | | | | | | | | | |
| 42 | Other fabricated metal products | | | | | | | | | | |
| 43 | Engines and turbines | | | | | | | | | | |
| 44+45 | Farm, construction, and mining machinery | | | | | | | | | | |
| 46 | Materials handling machinery and equipment | | | | | | | | | | |
| 47 | Metalworking machinery and equipment | | | | | | | | | | |
| 48 | Special industry machinery and equipment | | | | | | | | | | |
| 49 | General industrial machinery and equipment | | | | | | | | | | |
| 50 | Miscellaneous machinery, except electrical | | | | | | | | | | |
| 51 | Computer and office equipment | | | | | | | | | | |
| 52 | Service industry machinery | | | | | | | | | | |
| 53 | Electrical industrial equipment and apparatus | | | | | | | | | | |
| 54 | Household appliances | | | | | | | | | | |
| 55 | Electric lighting and wiring equipment | | | | | | | | | | |
| 56 | Audio, video, and communication equipment | | | | | | | | | | |
| 57 | Electronic components and accessories | | | | | | | | | | |
| 58 | Miscellaneous electrical machinery and supplies | | | | | | | | | | |
| 59A | Motor vehicles (passenger cars and trucks) | | | | | | | | | | |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | | | | | | | | | | |
| 60 | Aircraft and parts | | | | | | | | | | |
| 61 | Other transportation equipment | | | | | | | | | | |
| 62 | Scientific and controlling instruments | | | | | | | | | | |
| 63 | Ophthalmic and photographic equipment | | | | | | | | | | |
| 64 | Miscellaneous manufacturing | | | | | | | | | | |
| 65A | Railroads and related services; passenger ground transportation | | | | | | | | | | |
| 65B | Motor freight transportation and warehousing | | | | | | | | | | |
| 65C | Water transportation | | | | | | | | | | |
| 65D | Air transportation | | | | | | | | | | |
| 65E | Pipelines, freight forwarders, and related services | | | | | | | | | | |
| 66 | Communications, except radio and TV | | | | | | | | | | |
| 67 | Radio and TV broadcasting | | | | | | | | | | |
| 68A | Electric services (utilities) | | | | | | | | | | |
| 68B | Gas production and distribution (utilities) | | | | | | | | | | |
| 68C | Water and sanitary services | | | | | | | | | | |
| 69A | Wholesale trade | | | | | | | | | | |
| 69B | Retail trade | | | | | | | | | | |
| 70A | Finance | | | | | | | | | | |
| 70B | Insurance | | | | | | | | | | |
| 71A | Owner-occupied dwellings | | | | | | | | | | |
| 71B | Real estate and royalties | | | | | | | | | | |
| 72A | Hotels and lodging places | | | | | | | | | | |
| 72B | Personal and repair services (except auto) | | | | | | | | | | |
| 73A | Computer and data processing services, including own-account software | | | | | | | | | | |
| 73B | Legal, engineering, accounting, and related services | | | | | | | | | | |
| 73C | Other business and professional services, except medical | | | | | | | | | | |
| 73D | Advertising | | | | | | | | | | |
| 74 | Eating and drinking places | | | | | | | | | | |
| 75 | Automotive repair and services | | | | | | | | | | |
| 76 | Amusements | | | | | | | | | | |
| 77A | Health services | | | | | | | | | | |
| 77B | Educational and social services, and membership organizations | | | | | | | | | | |
| 78 | Federal Government enterprises | | | | | | | | | | |
| 79 | State and local government enterprises | | | | | | | | | | |
| 82 | General government industry | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | |
| T | **Total commodity output** | 96,065 | 137,455 | 14,536 | 39,638 | 12,839 | 22,908 | 112,299 | 14,400 | 588,735 | 278,930 |

*Less than $500,000.

**by Industries, 1996**

at producers' prices]

| Ordnance and accessories | Food and kindred products | Tobacco products | Broad and narrow fabrics, yarn and thread mills | Miscellaneous textile goods and floor coverings | Apparel | Miscellaneous fabricated textile products | Lumber and wood products | Furniture and fixtures | Paper and allied products, except containers | Paperboard containers and boxes | Newspapers and periodicals | Other printing and publishing | Industrial and other chemicals | Agricultural fertilizers and chemicals | Industry number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20+21 | 22+23 | 24 | 25 | 26A | 26B | 27A | 27B | |
|  | 907 |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
|  |  |  |  |  |  |  | 209 |  |  |  |  |  |  |  | 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |  | 5+6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 4 |  | 7 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 114 |  | 8 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 1,808 |  | 9+10 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 12 |
| 17,326 |  |  |  |  |  | 9 |  |  | 1 |  |  |  | 28 |  | 13 |
|  | 463,262 |  |  |  |  |  |  |  | 22 | 10 |  |  | 1,388 | 2 | 14 |
|  |  | 39,763 |  |  |  |  |  |  | 4 |  |  |  | 12 |  | 15 |
|  |  |  | 40,332 | 294 | 213 | 2,108 |  |  | 1 |  |  |  |  |  | 16 |
|  |  |  | 79 | 19,680 | 6 | 131 | 1 | 1 | 82 | 4 |  |  |  |  | 17 |
|  |  |  | 305 | 44 |  | 220 |  |  | 2 |  |  |  |  |  | 18 |
|  |  |  | 84 | 64 | 14 | 22,112 | 5 | 38 | 24 |  |  | 22 |  |  | 19 |
|  | 1 |  |  |  |  | 4 | 110,804 | 217 | 30 | 16 |  | 4 | 11 | 9 | 20+21 |
| 6 |  |  |  |  |  | 24 | 162 | 53,643 | 14 |  |  |  |  |  | 22+23 |
|  | 7 |  |  | 341 |  | 45 | 154 | 21 | 114,130 | 152 |  | 371 | 290 |  | 24 |
|  |  | 19 |  |  |  | 9 |  |  | 93 | 38,622 |  | 52 |  |  | 25 |
|  |  |  |  | 58 |  | 24 |  |  |  |  | 21,319 | 2,491 |  |  | 26A |
|  | 107 |  |  |  |  |  |  |  | 772 | 43 | 1,166 | 91,749 | 9 |  | 26B |
| 1 | 238 |  |  |  |  |  |  |  | 23 |  |  | 3 | 113,488 | 1,061 | 27A |
|  | 147 |  |  |  |  | 11 |  |  | 1 |  |  |  | 1,395 | 20,291 | 27B |
|  |  |  |  |  |  |  |  |  | 1 |  |  |  | 5,610 | 298 | 28 |
|  | 68 |  |  | 319 |  |  |  |  |  |  |  |  | 756 | 264 | 29A |
|  | 117 |  |  | 2 |  | 3 |  |  | 24 |  |  |  | 1,141 | 424 | 29B |
|  |  |  |  |  |  |  |  |  | 7 |  |  |  | 97 | 6 | 30 |
|  |  |  |  |  |  |  |  |  | 10 |  |  |  | 7,035 | 131 | 31 |
| 6 | 33 |  | 1 | 62 |  | 72 | 180 | 53 | 623 | 191 |  | 27 | 197 | 45 | 32 |
|  | 13 |  | 9 |  | 12 | 9 | 1 | 4 |  | 1 |  | 15 |  |  | 33+34 |
|  |  |  |  |  |  | 4 | 4 | 48 | 29 | 29 |  |  |  |  | 35 |
|  | 1 |  |  | 127 |  | 8 | 23 | 7 | 133 |  |  |  | 147 | 2 | 36 |
|  |  |  |  |  |  | 3 |  |  | 2 |  |  |  | 39 | 13 | 37 |
|  |  |  | 3 |  |  |  |  |  | 1 |  |  |  | 227 |  | 38 |
|  |  |  |  |  |  |  |  |  |  | 29 |  | 10 |  |  | 39 |
|  |  |  |  |  |  | 2 | 79 | 140 |  |  |  |  | 42 |  | 40 |
| 1 |  |  |  |  |  | 3 | 4 | 11 |  | 5 |  | 3 |  |  | 41 |
| 5 |  |  |  | 5 |  | 10 | 30 | 56 | 254 | 125 |  | 174 | 5 | 1 | 42 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 43 |
| 7 | 8 |  |  |  |  |  | 7 | 9 |  |  |  | 30 |  |  | 44+45 |
|  | 6 |  |  |  |  |  | 1 | 30 |  |  |  | 1 | 43 |  | 46 |
|  |  |  |  |  |  |  | 1 | 1 | 2 |  |  |  | 48 |  | 47 |
|  | 22 |  |  | 2 |  |  | 1 | 2 |  |  |  |  | 30 |  | 48 |
|  |  |  |  | 1 |  |  |  |  | 16 |  |  |  |  |  | 49 |
|  |  |  |  |  |  | 4 |  |  | 2 |  |  |  |  |  | 50 |
|  |  |  |  |  |  |  |  |  | 54 |  |  |  | 58 |  | 51 |
|  | 6 |  |  |  |  | 7 |  | 61 | 16 |  |  |  |  |  | 52 |
| 2 |  |  |  |  |  | 4 |  | 1 |  |  |  |  |  |  | 53 |
| 5 |  |  |  |  |  | 7 | 27 | 7 |  |  |  | 36 | 4 |  | 54 |
|  |  |  |  |  |  |  | 2 | 2 | 12 |  |  | 22 | 13 |  | 55 |
|  |  |  |  |  |  |  |  | 4 | 4 |  |  | 3 | 22 |  | 56 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |  | 57 |
|  |  |  |  |  |  |  | 1 |  | 10 |  |  |  |  |  | 58 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 59A |
|  |  |  |  | 1 |  | 16 | 1 | 11 |  |  |  |  | 9 |  | 59B |
| 62 |  |  |  |  |  |  |  |  |  |  |  |  | 9 |  | 60 |
| 323 |  |  |  |  |  | 76 | 30 | 1 |  |  |  |  |  |  | 61 |
| 25 |  |  |  | 43 |  | 2 | 2 | 103 | 333 |  |  |  | 107 | 1 | 62 |
| 524 |  |  |  | 3 |  | 1 | 5 | 5 | 177 |  |  | 18 | 168 | 8 | 63 |
| 9 | 5 |  |  | 1 | 83 | 59 | 40 | 47 | 44 | 6 |  |  | 207 | 94 | 64 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 65A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 65B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 65C |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 65D |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 65E |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 66 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 67 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 68A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 68C |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 69A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 69B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 70A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 70B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 71A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 71B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 72A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 72B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 73A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 73B |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |  | 73C |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 73D |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 74 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 75 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 76 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 77A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 77B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 78 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 79 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 82 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 84 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 85 |
| **18,302** | **464,948** | **39,782** | **40,813** | **21,050** | **71,155** | **24,968** | **111,795** | **54,527** | **116,899** | **39,233** | **22,485** | **95,247** | **134,434** | **22,556** | T |

# SURVEY OF CURRENT BUSINESS

## Table 1.—The Make of Commodities

[Millions of dollars

| Industry number | For the distribution of industries producing a commodity, read the column for that commodity / For the distribution of commodities produced by an industry, read the row for that industry | Plastics and synthetic materials | Drugs | Cleaning and toilet prepara-tions | Paints and allied products | Petroleum refining and related products | Rubber and miscel-laneous plastics products | Footwear, leather, and leather products | Glass and glass products | Stone and clay products | Primary iron and steel manufacturing |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Commodity number | | 28 | 29A | 29B | 30 | 31 | 32 | 33+34 | 35 | 36 | 37 |
| 1 | Livestock and livestock products | | | | | | | | | | |
| 2 | Other agricultural products | | | | | | | | | | |
| 3 | Forestry and fishery products | | | | | | | | | | |
| 4 | Agricultural, forestry, and fishery services | | | | | | | | | | |
| 5+6 | Metallic ores mining | | | | | | | | | 2 | |
| 7 | Coal mining | | | | | | | | | | |
| 8 | Crude petroleum and natural gas | | | | | 8,424 | | | | | |
| 9+10 | Nonmetallic minerals mining | | | | | 86 | | | | 393 | |
| 11 | New construction, including own-account construction | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | | | | | | | | | | |
| 13 | Ordnance and accessories | | | 7 | | | | | | | 10 |
| 14 | Food and kindred products | | 190 | 111 | | | 35 | 142 | | | |
| 15 | Tobacco products | | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | 2,638 | | 9 | | | 2 | 2 | | | |
| 17 | Miscellaneous textile goods and floor coverings | 273 | 2 | | | 72 | 103 | 25 | | | |
| 18 | Apparel | 38 | | 3 | | | 38 | 52 | | | |
| 19 | Miscellaneous fabricated textile products | | | 19 | | | 73 | 13 | | | |
| 20+21 | Lumber and wood products | | | | | | 154 | | 75 | 9 | |
| 22+23 | Furniture and fixtures | | | | 1 | | 104 | 1 | 82 | 9 | 9 |
| 24 | Paper and allied products, except containers | | 1 | 511 | 7 | | 1,169 | | | 21 | |
| 25 | Paperboard containers and boxes | | | 3 | | | 340 | | | | |
| 26A | Newspapers and periodicals | | | | | | | | | | |
| 26B | Other printing and publishing | | | | | | 16 | | 42 | 4 | |
| 27A | Industrial and other chemicals | 6,789 | 520 | 1,355 | 294 | 2,169 | 361 | | 8 | 146 | 37 |
| 27B | Agricultural fertilizers and chemicals | 411 | 103 | 55 | | 11 | 1 | 1 | | 1 | |
| 28 | Plastics and synthetic materials | 51,700 | 158 | 71 | 19 | 19 | 892 | | 4 | | 3 |
| 29A | Drugs | 13 | 76,016 | 988 | | | 2 | | | | |
| 29B | Cleaning and toilet preparations | 264 | 405 | 44,806 | 54 | 70 | 18 | | | 17 | |
| 30 | Paints and allied products | 157 | | 11 | 17,012 | 8 | 3 | | | 14 | |
| 31 | Petroleum refining and related products | 176 | 3 | 102 | 6 | 162,579 | 13 | | 9 | 126 | 5 |
| 32 | Rubber and miscellaneous plastics products | 558 | 3 | 49 | 45 | 1 | 141,773 | 14 | 66 | 8 | 38 |
| 33+34 | Footwear, leather, and leather products | | | | | | 47 | 8,621 | | | |
| 35 | Glass and glass products | | | | | | 105 | | 21,085 | 8 | |
| 36 | Stone and clay products | 30 | 46 | 33 | 24 | 104 | 189 | | 68 | 57,077 | 22 |
| 37 | Primary iron and steel manufacturing | 1 | | | | | 4 | | | 10 | 95,916 |
| 38 | Primary nonferrous metals manufacturing | | | | | | 52 | | 94 | 8 | 507 |
| 39 | Metal containers | | | | | | 13 | | | | |
| 40 | Heating, plumbing, and fabricated structural metal products | 1 | | | | | 527 | | 32 | 53 | 61 |
| 41 | Screw machine products and stampings | | | | | | 81 | 17 | 9 | 9 | 9 |
| 42 | Other fabricated metal products | | | 1 | 4 | | 354 | 40 | 6 | 83 | 138 |
| 43 | Engines and turbines | | | | | | | | | | 18 |
| 44+45 | Farm, construction, and mining machinery | | | | | 6 | 5 | | | | 112 |
| 46 | Materials handling machinery and equipment | | | | | | 10 | | | | 3 |
| 47 | Metalworking machinery and equipment | | | 1 | | | 103 | | | 59 | 47 |
| 48 | Special industry machinery and equipment | | | | | | 73 | | 2 | 25 | 21 |
| 49 | General industrial machinery and equipment | | | | | | 27 | | | 8 | 80 |
| 50 | Miscellaneous machinery, except electrical | | | | | | 36 | | 2 | | 41 |
| 51 | Computer and office equipment | | | | | | 43 | | | 14 | 21 |
| 52 | Service industry machinery | | | 41 | | | 26 | | | | 16 |
| 53 | Electrical industrial equipment and apparatus | 8 | | | | 32 | 8 | | | 12 | 1 |
| 54 | Household appliances | | | 1 | | | 3 | | 23 | | |
| 55 | Electric lighting and wiring equipment | 12 | | | 67 | | 63 | 3 | 30 | 1 | 124 |
| 56 | Audio, video, and communication equipment | | | | | | 2 | | | 13 | |
| 57 | Electronic components and accessories | | | | | | 56 | | 1 | | 7 |
| 58 | Miscellaneous electrical machinery and supplies | | | 7 | | | 29 | | | 31 | |
| 59A | Motor vehicles (passenger cars and trucks) | | | | | | | | | | |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | 1 | | | | | 11 | 1 | | | 3 |
| 60 | Aircraft and parts | | | | | | 32 | | | | 2 |
| 61 | Other transportation equipment | | | | | | 26 | | | | |
| 62 | Scientific and controlling instruments | | 440 | 17 | | | 112 | 1 | 17 | 4 | 1 |
| 63 | Ophthalmic and photographic equipment | | | | 93 | | 111 | | | 1 | |
| 64 | Miscellaneous manufacturing | 1 | 3 | 31 | | | 195 | 32 | | 3 | |
| 65A | Railroads and related services; passenger ground transportation | | | | | | | | | | |
| 65B | Motor freight transportation and warehousing | | | | | | | | | | |
| 65C | Water transportation | | | | | | | | | | |
| 65D | Air transportation | | | | | | | | | | |
| 65E | Pipelines, freight forwarders, and related services | | | | | | | | | | |
| 66 | Communications, except radio and TV | | | | | | | | | | |
| 67 | Radio and TV broadcasting | | | | | | | | | | |
| 68A | Electric services (utilities) | | | | | | | | | | |
| 68B | Gas production and distribution (utilities) | | | | | | | | | | |
| 68C | Water and sanitary services | | | | | | | | | | |
| 69A | Wholesale trade | | | | | | | | | | |
| 69B | Retail trade | | | | | | | | | | |
| 70A | Finance | | | | | | | | | | |
| 70B | Insurance | | | | | | | | | | |
| 71A | Owner-occupied dwellings | | | | | | | | | | |
| 71B | Real estate and royalties | | | | | | | | | | |
| 72A | Hotels and lodging places | | | | | | | | | | |
| 72B | Personal and repair services (except auto) | | | | | | | | | | |
| 73A | Computer and data processing services, including own-account software | | | | | | | | | | |
| 73B | Legal, engineering, accounting, and related services | | | | | | | | | | |
| 73C | Other business and professional services, except medical | | | | | | | | | | |
| 73D | Advertising | | | | | | | | | | |
| 74 | Eating and drinking places | | | | | | | | | | |
| 75 | Automotive repair and services | | | | | | | | | | |
| 76 | Amusements | | | | | | | | | | |
| 77A | Health services | | | | | | | | | | |
| 77B | Educational and social services, and membership organizations | | | | | | | | | | |
| 78 | Federal Government enterprises | | | | | | | | | | |
| 79 | State and local government enterprises | | | | | | | | | 54 | |
| 82 | General government industry | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | |
| T | Total commodity output | 63,071 | 77,890 | 48,232 | 17,627 | 173,581 | 147,440 | 9,007 | 21,609 | 58,228 | 97,252 |

* Less than $500,000.

**by Industries, 1996—Continued**
at producers' prices]

| Primary non-ferrous metals manufacturing | Metal containers | Heating, plumbing, and fabricated structural metal products | Screw machine products and stampings | Other fabricated metal products | Engines and turbines | Farm, construction, and mining machinery | Materials handling machinery and equipment | Metalworking machinery and equipment | Special industry machinery and equipment | General industrial machinery and equipment | Miscellaneous machinery, except electrical | Computer and office equipment | Service industry machinery | Industry number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44+45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | |
| | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | 3 |
| | | | | | | | | | | | | | | 4 |
| | | | | | | | | | | | | | | 5+6 |
| | | | | | | | | | | | | | | 7 |
| | | | | | | | | | | | | | | 8 |
| | | | | | | | | | | | | | | 9+10 |
| | | | | | | | | | | | | | | 11 |
| | | | | | | | | | | | | | | 12 |
| 10 | | 8 | 11 | 4 | | | 17 | 12 | 4 | 4 | 3 | | 53 | 13 |
| | 3 | | | | | | | 1 | | | | | 5 | 14 |
| | | | | | | | | | | | | | | 15 |
| | | | | 8 | | | | | | | | | | 16 |
| 1 | | | | 20 | | | | | | | | | | 17 |
| | | | | 9 | | | | | | 6 | | | | 18 |
| | | 1 | 2 | 35 | | | | | | | | 3 | | 19 |
| | | 132 | 4 | 37 | | | | | | | | 1 | | 20+21 |
| 13 | 9 | 46 | 13 | 160 | | | 12 | 31 | 2 | | 3 | | 28 | 22+23 |
| | | | | 349 | | | | 1 | | 1 | | 8 | 3 | 24 |
| | 32 | | 1 | 2 | | | | | 9 | 1 | | 9 | | 25 |
| | | | | | | | | | | | | | | 26A |
| | 187 | | | 72 | | | | 2 | | 14 | 5 | 8 | | 26B |
| 1,385 | | 2 | | 16 | | 54 | | 5 | | 13 | | | 1 | 27A |
| | | 1 | | 1 | | | | | | | 11 | | 1 | 27B |
| | | | | | | | | | | | 5 | | | 28 |
| | | | | | | | | | | 1 | | | | 29A |
| | | 1 | | | | | | | 1 | 1 | | | 9 | 29B |
| | | | | | | | | | | 9 | 1 | | | 30 |
| | | | | | | 7 | | | | | | | 1 | 31 |
| 116 | 13 | 172 | 187 | 310 | 4 | 36 | 4 | 563 | 81 | 133 | 24 | | 9 | 32 |
| | | | 1 | 7 | | | | | 1 | | | | | 33+34 |
| | | 13 | 65 | 6 | | | | 4 | | | | | 1 | 35 |
| 64 | 35 | 94 | 24 | 44 | | 10 | | 100 | 3 | | 1 | | 5 | 36 |
| 510 | 190 | 24 | 2,533 | | | 28 | | 220 | 3 | 25 | 26 | 4 | | 37 |
| 79,882 | | 3 | 61 | 293 | | 2 | | 242 | 6 | | 15 | | 2 | 38 |
| 1 | 12,990 | | 1 | 21 | | | | | | | | | | 39 |
| 100 | 36 | 62,302 | 221 | 528 | 9 | 46 | 104 | 92 | 68 | 116 | 164 | 2 | 68 | 40 |
| 28 | 19 | 53 | 44,288 | 213 | 1 | 35 | 4 | 801 | 5 | 57 | 86 | 2 | 12 | 41 |
| 94 | 6 | 556 | 265 | 68,525 | 1 | 68 | 31 | 200 | 86 | 243 | 409 | 2 | 33 | 42 |
| | | 133 | 7 | 19 | 21,703 | 17 | | 7 | 2 | 136 | 90 | | | 43 |
| | | 114 | 389 | 213 | 114 | 45,065 | 246 | 212 | 34 | 196 | 130 | | 19 | 44+45 |
| | | 49 | 2 | 32 | | 75 | 11,336 | 67 | 50 | 85 | 13 | 1 | 11 | 46 |
| 11 | | 33 | 175 | 245 | | 293 | 53 | 33,787 | 267 | 91 | 370 | 2 | 9 | 47 |
| 5 | | 26 | 4 | 71 | 2 | 75 | 161 | 235 | 31,786 | 246 | 81 | 5 | 100 | 48 |
| 1 | | 151 | 19 | 180 | 303 | 164 | 162 | 181 | 404 | 37,351 | 207 | | 260 | 49 |
| 10 | 3 | 313 | 248 | 493 | 42 | 14 | 25 | 287 | 45 | 86 | 36,016 | | 5 | 50 |
| | | 9 | 25 | 32 | 1 | 1 | | 11 | 1 | 1 | 6 | 89,730 | | 51 |
| 1 | | 304 | 50 | 109 | 2 | 5 | 29 | 6 | 108 | 204 | 21 | 3 | 35,570 | 52 |
| 1 | | 9 | 35 | 15 | 39 | 22 | 5 | 51 | 3 | 178 | 3 | 29 | 22 | 53 |
| 1 | | 35 | 71 | 1 | | 5 | | 30 | 1 | 10 | | | 118 | 54 |
| 25 | | 3 | 2 | 102 | | | 5 | 43 | 6 | 11 | 188 | 20 | | 55 |
| | | 31 | 6 | 5 | | | 2 | 22 | 4 | 2 | | 113 | | 56 |
| 100 | | 1 | 40 | 141 | | | | 6 | 347 | 4 | 6 | 3,280 | | 57 |
| 625 | | 3 | 7 | 15 | 3 | | | 7 | | 19 | 8 | 12 | 3 | 58 |
| | | | 406 | | 27 | 42 | | 23 | | | | | | 59A |
| 71 | | 99 | 66 | 57 | 733 | 88 | 91 | 74 | | 87 | 79 | 7 | 211 | 59B |
| 6 | | 13 | 2 | 77 | 648 | | | 17 | 5 | 24 | 70 | 3 | 3 | 60 |
| | | 129 | 7 | 3 | 49 | 125 | 41 | 12 | 6 | 2 | 28 | 4 | | 61 |
| 9 | | 38 | 25 | 234 | 209 | 8 | 46 | 75 | 124 | 115 | 53 | 69 | 5 | 62 |
| | | 1 | 4 | | | | | | 9 | 11 | | 383 | | 63 |
| 3 | | 9 | 9 | 195 | | 57 | | 17 | 12 | 58 | 1 | 17 | 4 | 64 |
| | | | | | | | | | | | | | | 65A |
| | | | | | | | | | | | | | | 65B |
| | | | | | | | | | | | | | | 65C |
| | | | | | | | | | | | | | | 65D |
| | | | | | | | | | | | | | | 65E |
| | | | | | | | | | | | | | | 66 |
| | | | | | | | | | | | | | | 67 |
| | | | | | | | | | | | | | | 68A |
| | | | | | | | | | | | | | | 68B |
| | | | | | | | | | | | | | | 68C |
| | | | | | | | | | | | | | | 69A |
| | | | | | | | | | | | | | | 69B |
| | | | | | | | | | | | | | | 70A |
| | | | | | | | | | | | | | | 70B |
| | | | | | | | | | | | | | | 71A |
| | | | | | | | | | | | | | | 71B |
| | | | | | | | | | | | | | | 72A |
| | | | | | | | | | | | | | | 72B |
| | | | | | | | | | | | | | | 73A |
| | | | | | | | | | | | | | | 73B |
| | | | | | | | | | | | | | | 73C |
| | | | | | | | | | | | | | | 73D |
| | | | | | | | | | | | | | | 74 |
| | | | | | | | | | | | | | | 75 |
| | | | | | | | | | | | | | | 76 |
| | | | | | | | | | | | | | | 77A |
| | | | | | | | | | | | | | | 77B |
| | | | | | | | | | | | | | | 78 |
| | | | | | | | | | | | | | | 79 |
| | | | | | | | | | | | | | | 82 |
| | | | | | | | | | | | | | | 84 |
| | | | | | | | | | | | | | | 85 |
| 83,073 | 13,298 | 65,017 | 46,842 | 75,433 | 23,890 | 46,356 | 12,414 | 37,404 | 33,514 | 39,519 | 38,101 | 93,717 | 36,571 | T |

### Table 1.—The Make of Commodities
[Millions of dollars

| Industry number | For the distribution of industries producing a commodity, read the column for that commodity<br><br>For the distribution of commodities produced by an industry, read the row for that industry | Electrical industrial equipment and apparatus | Household appliances | Electric lighting and wiring equipment | Audio, video, and communication equipment | Electronic components and accessories | Miscellaneous electrical machinery and supplies | Motor vehicles (passenger cars and trucks) | Truck and bus bodies, trailers, and motor vehicles parts | Aircraft and parts | Other transportation equipment |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Commodity number | 53 | 54 | 55 | 56 | 57 | 58 | 59A | 59B | 60 | 61 |
| 1 | Livestock and livestock products | | | | | | | | | | |
| 2 | Other agricultural products | | | | | | | | | | |
| 3 | Forestry and fishery products | | | | | | | | | | |
| 4 | Agricultural, forestry, and fishery services | | | | | | | | | | |
| 5+6 | Metallic ores mining | | | | | | | | | | |
| 7 | Coal mining | | | | | | | | | | |
| 8 | Crude petroleum and natural gas | | | | | | | | | | |
| 9+10 | Nonmetallic minerals mining | | | | | | | | | | |
| 11 | New construction, including own-account construction | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | | | | | | | | | | |
| 13 | Ordnance and accessories | | | | 124 | 12 | 16 | | 4 | 1,686 | |
| 14 | Food and kindred products | | | | | | | | | | |
| 15 | Tobacco products | | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | | | | | | | | | | |
| 17 | Miscellaneous textile goods and floor coverings | | | | | | | | | | |
| 18 | Apparel | | | | | | | | | | |
| 19 | Miscellaneous fabricated textile products | | 7 | | | | | | | | |
| 20+21 | Lumber and wood products | | | 3 | | 16 | | | | | |
| 22+23 | Furniture and fixtures | 3 | 18 | 30 | 35 | 45 | | | 8 | | 3 |
| 24 | Paper and allied products, except containers | 1 | | | 13 | | 447 | | | | |
| 25 | Paperboard containers and boxes | | | | | | | | | | |
| 26A | Newspapers and periodicals | | | | | | | | | | |
| 26B | Other printing and publishing | | | | | 1 | | | | | |
| 27A | Industrial and other chemicals | | | 2 | | 10 | 4 | | | | |
| 27B | Agricultural fertilizers and chemicals | | | | | | 1 | | | | |
| 28 | Plastics and synthetic materials | | | | | | | | | | |
| 29A | Drugs | | | | | | | | | | |
| 29B | Cleaning and toilet preparations | | 9 | | | | 4 | | | | |
| 30 | Paints and allied products | 4 | | | | | | | | 23 | |
| 31 | Petroleum refining and related products | | | | | | | | | | |
| 32 | Rubber and miscellaneous plastics products | 54 | 212 | 155 | 1 | 118 | 7 | | 39 | 7 | 5 |
| 33+34 | Footwear, leather, and leather products | | | | | | | | | | |
| 35 | Glass and glass products | 1 | | 6 | | | | | 49 | 1 | |
| 36 | Stone and clay products | 9 | | 8 | | 18 | 21 | | 42 | | |
| 37 | Primary iron and steel manufacturing | 10 | | 186 | | 6 | | | 163 | | |
| 38 | Primary nonferrous metals manufacturing | | | 16 | 326 | 169 | 9 | | | 5 | |
| 39 | Metal containers | | | | | | | | | | |
| 40 | Heating, plumbing, and fabricated structural metal products | 5 | 223 | 9 | | 16 | 5 | | 49 | 6 | 26 |
| 41 | Screw machine products and stampings | 1 | 50 | 14 | 5 | 22 | 2 | | 387 | | 7 |
| 42 | Other fabricated metal products | 176 | 4 | 61 | | 34 | 3 | | 164 | 147 | 28 |
| 43 | Engines and turbines | 597 | | | | | 4 | | 276 | 164 | 7 |
| 44+45 | Farm, construction, and mining machinery | 41 | 4 | 87 | | | 1 | | 185 | 17 | 205 |
| 46 | Materials handling machinery and equipment | 41 | | 1 | | | | | 14 | 1 | 18 |
| 47 | Metalworking machinery and equipment | 47 | 95 | 17 | | 20 | 8 | | 14 | 4 | 5 |
| 48 | Special industry machinery and equipment | 21 | 27 | 21 | | 45 | 6 | | 15 | | |
| 49 | General industrial machinery and equipment | 155 | 12 | 22 | | 37 | 6 | | 143 | 6 | 3 |
| 50 | Miscellaneous machinery, except electrical | 226 | | | | 11 | 358 | 11 | 249 | 65 | 5 |
| 51 | Computer and office equipment | 81 | | 16 | 276 | 6,011 | 536 | | | | |
| 52 | Service industry machinery | 13 | 151 | 4 | 20 | 7 | 6 | | 885 | | 10 |
| 53 | Electrical industrial equipment and apparatus | 36,067 | 29 | 229 | 13 | 302 | 154 | | 79 | 26 | 1 |
| 54 | Household appliances | 35 | 19,187 | 18 | 7 | | 4 | | 27 | | |
| 55 | Electric lighting and wiring equipment | 279 | 4 | 21,877 | 120 | 241 | 12 | 12 | 254 | 2 | |
| 56 | Audio, video, and communication equipment | 98 | 350 | 80 | 73,328 | 1,077 | 230 | | 19 | 7 | |
| 57 | Electronic components and accessories | 164 | 7 | 114 | 331 | 119,813 | 75 | | | | |
| 58 | Miscellaneous electrical machinery and supplies | 41 | 28 | 145 | 809 | 197 | 22,936 | | 253 | 50 | 3 |
| 59A | Motor vehicles (passenger cars and trucks) | | | | | | | 197,548 | 2,490 | | 67 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | 68 | | 13 | 610 | 424 | 786 | 2,667 | 114,954 | 75 | 88 |
| 60 | Aircraft and parts | 2 | 1 | | 56 | 1 | 7 | | 73 | 87,838 | 42 |
| 61 | Other transportation equipment | 98 | | | | | 15 | 13 | 89 | 1 | 36,996 |
| 62 | Scientific and controlling instruments | 223 | 7 | 279 | 1,898 | 782 | 206 | | 279 | 499 | 1 |
| 63 | Ophthalmic and photographic equipment | | | 2 | | 11 | 131 | | | | |
| 64 | Miscellaneous manufacturing | 1 | 1 | 8 | 16 | 4 | 5 | 26 | | | 23 |
| 65A | Railroads and related services; passenger ground transportation | | | | | | | | | | |
| 65B | Motor freight transportation and warehousing | | | | | | | | | | |
| 65C | Water transportation | | | | | | | | | | |
| 65D | Air transportation | | | | | | | | | | |
| 65E | Pipelines, freight forwarders, and related services | | | | | | | | | | |
| 66 | Communications, except radio and TV | | | | | | | | | | |
| 67 | Radio and TV broadcasting | | | | | | | | | | |
| 68A | Electric services (utilities) | | | | | | | | | | |
| 68B | Gas production and distribution (utilities) | | | | | | | | | | |
| 68C | Water and sanitary services | | | | | | | | | | |
| 69A | Wholesale trade | | | | | | | | | | |
| 69B | Retail trade | | | | | | | | | | |
| 70A | Finance | | | | | | | | | | |
| 70B | Insurance | | | | | | | | | | |
| 71A | Owner-occupied dwellings | | | | | | | | | | |
| 71B | Real estate and royalties | | | | | | | | | | |
| 72A | Hotels and lodging places | | | | | | | | | | |
| 72B | Personal and repair services (except auto) | | | | | | | | | | |
| 73A | Computer and data processing services, including own-account software | | | | | | | | | | |
| 73B | Legal, engineering, accounting, and related services | | | | | | | | | | |
| 73C | Other business and professional services, except medical | | | | | | | | | | |
| 73D | Advertising | | | | | | | | | | |
| 74 | Eating and drinking places | | | | | | | | | | |
| 75 | Automotive repair and services | | | | | | | | | | |
| 76 | Amusements | | | | | | | | | | |
| 77A | Health services | | | | | | | | | | |
| 77B | Educational and social services, and membership organizations | | | | | | | | | | |
| 78 | Federal Government enterprises | | | | | | | | | | |
| 79 | State and local government enterprises | | | | | | | | | | |
| 82 | General government industry | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | |
| T | **Total commodity output** | **38,562** | **20,425** | **23,424** | **77,999** | **129,439** | **26,005** | **200,277** | **121,203** | **90,630** | **37,543** |

* Less than $500,000.

**by Industries, 1996—Continued**
at producers' prices]

| Scientific and controlling instruments | Ophthalmic and photo-graphic equipment | Miscellaneous manufacturing | Railroads and related services; passenger ground transportation | Motor freight transportation and warehousing | Water transportation | Air transportation | Pipelines, freight forwarders, and related services | Communica-tions, except radio and TV | Radio and TV broadcasting | Electric services (utilities) | Gas production and distribution (utilities) | Water and sanitary services | Wholesale trade | Industry number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 62 | 63 | 64 | 65A | 65B | 65C | 65D | 65E | 66 | 67 | 68A | 68B | 68C | 69A | |
| | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | 3 |
| | | | | | | | | | | | | | | 4 |
| | | | | | | | | | | | | | | 5+6 |
| | | | | | | | | | | | | | | 7 |
| | | | | | | | | | | | | | | 8 |
| | | | | | | | | | | | | | | 9+10 |
| | | | | | | | | | | | | | | 11 |
| | | | | | | | | | | | | | | 12 |
| 505 | | | | | | | | | | | | | | 13 |
| | | | | | | | | | | | | | | 14 |
| | | | | | | | | | | | | | | 15 |
| 9 | | | | | | | | | | | | | | 16 |
| 24 | | 84 | | | | | | | | | | | | 17 |
| 59 | | 8 | | | | | | | | | | | | 18 |
| 4 | | 44 | | | | | | | | | | | | 19 |
| 4 | 3 | 18 | | | | | | | | | | | | 20+21 |
| 20 | | 43 | | | | | | | | | | | | 22+23 |
| 194 | 12 | 69 | | | | | | | | | | | | 24 |
| | | 40 | | | | | | | | | | | | 25 |
| 16 | | | | | | | | | | | | | | 26A |
| 12 | 6 | 189 | | | | | | | | | | | | 26B |
| 19 | 8 | 21 | | | | | | | | | | | | 27A |
| | | | | | | | | | | | | | | 27B |
| | 9 | | | | | | | | | | | | | 28 |
| 265 | 19 | 8 | | | | | | | | | | | | 29A |
| 24 | | 39 | | | | | | | | | | | | 29B |
| | | 20 | | | | | | | | | | | | 30 |
| | | 9 | | | | | | | | | | | | 31 |
| 132 | 30 | 294 | | | | | | | | | | | | 32 |
| 9 | | 11 | | | | | | | | | | | | 33+34 |
| 53 | | 6 | | | | | | | | | | | | 35 |
| 27 | 1 | 24 | | | | | | | | | | | | 36 |
| 37 | | 3 | | | | | | | | | 48 | | | 37 |
| 10 | | 7 | | | | | | | | | | | | 38 |
| | | | | | | | | | | | | | | 39 |
| 27 | | 8 | | | | | | | | | | | | 40 |
| 12 | | 21 | | | | | | | | | | | | 41 |
| 312 | 1 | 75 | | | | | | | | | | | | 42 |
| 3 | | | | | | | | | | | | | | 43 |
| 19 | | 3 | | | | | | | | | | | | 44+45 |
| | | | | | | | | | | | | | | 46 |
| 43 | | 1 | | | | | | | | | | | | 47 |
| 38 | 29 | 3 | | | | | | | | | | | | 48 |
| 80 | | 7 | | | | | | | | | | | | 49 |
| 39 | | 2 | | | | | | | | | | | | 50 |
| 65 | 297 | 301 | | | | | | | | | | | | 51 |
| 24 | | 5 | | | | | | | | | | | | 52 |
| 154 | | 3 | | | | | | | | | | | | 53 |
| 10 | 7 | 2 | | | | | | | | | | | | 54 |
| 173 | 8 | 10 | | | | | | | | | | | | 55 |
| 853 | | 24 | | | | | | | | | | | | 56 |
| 205 | 14 | 32 | | | | | | | | | | | | 57 |
| 901 | 349 | 36 | | | | | | | | | | | | 58 |
| | | | | | | | | | | | | | | 59A |
| 31 | | 1 | | | | | | | | | | | | 59B |
| 508 | | 5 | | | | | | | | | | | | 60 |
| 2 | | 202 | | | | | | | | | | | | 61 |
| 113,071 | 106 | 45 | | | | | | | | | | | | 62 |
| 642 | 22,877 | 1 | | | | | | | | | | | | 63 |
| 198 | 7 | 45,786 | | | | | | | | | | | | 64 |
| | | | 68,494 | 196 | | | | | | | | | | 65A |
| | | | | 197,995 | | | | | | | | 14,493 | | 65B |
| | | | | | 34,825 | | | | | | | | | 65C |
| | | | | | | 118,316 | | | | | | | | 65D |
| | | | 688 | 1,675 | 246 | 3,340 | 35,703 | | | | | | | 65E |
| | | | | | | | | 287,528 | | | | | | 66 |
| | | | | | | | | | 4,487 | | | | | 67 |
| | | | | | | | | | | 199,047 | | 537 | | 68A |
| | | | | | | | | | | | 106,385 | 226 | | 68B |
| | | | | | | | | | | | | 22,150 | | 68C |
| | | | | | | | | | | | | | 769,833 | 69A |
| | | | | | | | | | | | | | | 69B |
| | | | | | | | | | | | | | | 70A |
| | | | | | | | | | | | | | | 70B |
| | | | | | | | | | | | | | | 71A |
| | | | | | | | | | | | | | | 71B |
| | | | | | | | | | | | | | | 72A |
| | | | | | | | | | | | | | | 72B |
| | | | | | | | | | | | | | | 73A |
| | | | | | | | | | | | | | | 73B |
| | | | | | | | | 58 | | | | | | 73C |
| | | | | | | | | | | | | | | 73D |
| | | | | | | | | | | | | | | 74 |
| | | | | 22 | | | | | | | | | | 75 |
| | | | | | | | | | | | | | | 76 |
| | | | | | | | | | | | | | | 77A |
| | | | | | | | | | | | | | | 77B |
| | | | | | | | | | | 6,661 | | | | 78 |
| | | | 7,101 | | 1,748 | 2,688 | | | | 20,357 | 4,244 | 24,850 | | 79 |
| | | | | | | | | | | | | | | 82 |
| | | | | | | | | | | | | | | 84 |
| | | | | | | | | | | | | | | 85 |
| 118,833 | 23,783 | 47,510 | 76,283 | 199,889 | 36,820 | 124,344 | 35,761 | 287,528 | 4,487 | 226,065 | 110,677 | 62,256 | 769,833 | T |

## Table 1.—The Make of Commodities

[Millions of dollars

| Industry number | For the distribution of industries producing a commodity, read the column for that commodity / For the distribution of commodities produced by an industry, read the row for that industry | Retail trade | Finance | Insurance | Owner-occupied dwellings | Real estate and royalties | Hotels and lodging places | Personal and repair services (except auto) | Computer and data processing services, including own-account software | Legal, engineering, accounting, and related services |
|---|---|---|---|---|---|---|---|---|---|---|
| | Commodity number | 69B | 70A | 70B | 71A | 71B | 72A | 72B | 73A | 73B |
| 1 | Livestock and livestock products | | | | | | | | | |
| 2 | Other agricultural products | | | | | | | | | |
| 3 | Forestry and fishery products | | | | | | | | | |
| 4 | Agricultural, forestry, and fishery services | | | | | | | | | |
| 5+6 | Metallic ores mining | | | | | | | | | |
| 7 | Coal mining | | | | | | | | | |
| 8 | Crude petroleum and natural gas | | | | | | | | | |
| 9+10 | Nonmetallic minerals mining | | | | | | | | | |
| 11 | New construction, including own-account construction | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | | | | | | | | | |
| 13 | Ordnance and accessories | | | | | | | | | |
| 14 | Food and kindred products | | | | | | | | | |
| 15 | Tobacco products | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | | | | | | | | | |
| 17 | Miscellaneous textile goods and floor coverings | | | | | | | | | |
| 18 | Apparel | | | | | | | | | |
| 19 | Miscellaneous fabricated textile products | | | | | | | | | |
| 20+21 | Lumber and wood products | | | | | | | | | |
| 22+23 | Furniture and fixtures | | | | | | | | | |
| 24 | Paper and allied products, except containers | | | | | | | | | |
| 25 | Paperboard containers and boxes | | | | | | | | | |
| 26A | Newspapers and periodicals | | | | | | | | | |
| 26B | Other printing and publishing | | | | | | | | | |
| 27A | Industrial and other chemicals | | | | | | | | | |
| 27B | Agricultural fertilizers and chemicals | | | | | | | | | |
| 28 | Plastics and synthetic materials | | | | | | | | | |
| 29A | Drugs | | | | | | | | | |
| 29B | Cleaning and toilet preparations | | | | | | | | | |
| 30 | Paints and allied products | | | | | | | | | |
| 31 | Petroleum refining and related products | | | | | | | | | |
| 32 | Rubber and miscellaneous plastics products | | | | | | | | | |
| 33+34 | Footwear, leather, and leather products | | | | | | | | | |
| 35 | Glass and glass products | | | | | | | | | |
| 36 | Stone and clay products | | | | | | | | | |
| 37 | Primary iron and steel manufacturing | | | | | | | | | |
| 38 | Primary nonferrous metals manufacturing | | | | | | | | | |
| 39 | Metal containers | | | | | | | | | |
| 40 | Heating, plumbing, and fabricated structural metal products | | | | | | | | | |
| 41 | Screw machine products and stampings | | | | | | | | | |
| 42 | Other fabricated metal products | | | | | | | | | |
| 43 | Engines and turbines | | | | | | | | | |
| 44+45 | Farm, construction, and mining machinery | | | | | | | | | |
| 46 | Materials handling machinery and equipment | | | | | | | | | |
| 47 | Metalworking machinery and equipment | | | | | | | | | |
| 48 | Special industry machinery and equipment | | | | | | | | | |
| 49 | General industrial machinery and equipment | | | | | | | | | |
| 50 | Miscellaneous machinery, except electrical | | | | | | | | | |
| 51 | Computer and office equipment | | | | | | | | | 1,074 | |
| 52 | Service industry machinery | | | | | | | | | |
| 53 | Electrical industrial equipment and apparatus | | | | | | | | | |
| 54 | Household appliances | | | | | | | | | |
| 55 | Electric lighting and wiring equipment | | | | | | | | | |
| 56 | Audio, video, and communication equipment | | | | | | | | | |
| 57 | Electronic components and accessories | | | | | | | | | |
| 58 | Miscellaneous electrical machinery and supplies | | | | | | | | | |
| 59A | Motor vehicles (passenger cars and trucks) | | | | | | | | | |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | | | | | | | | | |
| 60 | Aircraft and parts | | | | | | | | | |
| 61 | Other transportation equipment | | | | | | | | | |
| 62 | Scientific and controlling instruments | | | | | | | | | |
| 63 | Ophthalmic and photographic equipment | | | | | | | | | |
| 64 | Miscellaneous manufacturing | | | | | | | | | |
| 65A | Railroads and related services; passenger ground transportation | | | | | | | | | |
| 65B | Motor freight transportation and warehousing | | | | | | | | | |
| 65C | Water transportation | | | | | | | | | |
| 65D | Air transportation | | | | | | | | | |
| 65E | Pipelines, freight forwarders, and related services | | | | | | | | | |
| 66 | Communications, except radio and TV | | | | | | | | | |
| 67 | Radio and TV broadcasting | | | | | | | | | |
| 68A | Electric services (utilities) | | | | | | | | | |
| 68B | Gas production and distribution (utilities) | | | | | | | | | |
| 68C | Water and sanitary services | | | | | | | | | |
| 69A | Wholesale trade | | | | | | | | | |
| 69B | Retail trade | 683,713 | | | | | | | | |
| 70A | Finance | | 555,123 | 580 | | | | | | |
| 70B | Insurance | | | 303,241 | | | | | | |
| 71A | Owner-occupied dwellings | | | | 561,548 | | | | | |
| 71B | Real estate and royalties | | | 289 | | 681,408 | | | | |
| 72A | Hotels and lodging places | | | | | 889 | 72,325 | | | |
| 72B | Personal and repair services (except auto) | | | | | | | 114,619 | | |
| 73A | Computer and data processing services, including own-account software | | | | | | | | 251,767 | |
| 73B | Legal, engineering, accounting, and related services | | | | | | | | 567 | 311,362 |
| 73C | Other business and professional services, except medical | | | | | | | 579 | 673 | 1,372 |
| 73D | Advertising | | | | | | | | | |
| 74 | Eating and drinking places | | | | | | | | | |
| 75 | Automotive repair and services | | | | | | | | | |
| 76 | Amusements | | | | | | | | | |
| 77A | Health services | | | | | | | | | |
| 77B | Educational and social services, and membership organizations | | | | | | | | | |
| 78 | Federal Government enterprises | 2,028 | | 152 | | 457 | | 2 | | |
| 79 | State and local government enterprises | 1,628 | 94 | 33 | | 11,206 | | | | |
| 82 | General government industry | | | | | | | | | |
| 84 | Household industry | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | |
| T | **Total commodity output** | **687,371** | **555,217** | **304,295** | **561,548** | **693,960** | **72,325** | **115,200** | **254,081** | **312,734** |

* Less than $500,000.

## by Industries, 1996—Continued

at producers' prices]

| Other business and professional services, except medical | Advertising | Eating and drinking places | Automotive repair and services | Amusements | Health services | Educational and social services, and membership organizations | Federal Government enterprises | State and local government enterprises | Scrap, used and second-hand goods | General government industry | Household industry | Inventory valuation adjustment | Total industry output | Industry number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73C | 73D | 74 | 75 | 76 | 77A | 77B | 78 | 79 | 81 | 82 | 84 | 85 | | |
| | | | | 777 | | | | | | | | | 98,733 | 1 |
| | | | | 733 | | | | | | | | | 143,076 | 2 |
| | | | | | | | | | | | | | 11,136 | 3 |
| | | | | | | | | | | | | | 37,376 | 4 |
| | | | | | | | | | | | | | 12,850 | 5+6 |
| | | | | | | | | | | | | | 22,902 | 7 |
| | | | | | | | | | | | | | 120,838 | 8 |
| | | | | | | | | | | | | | 16,690 | 9+10 |
| | | | | | | | | | | | | | 588,735 | 11 |
| | | | | | | | | | | | | | 278,930 | 12 |
| | | | | | | | | | | | | | 19,845 | 13 |
| | | | | | | | | | | | | | 465,180 | 14 |
| | | | | | | | | | 4 | | | | 39,784 | 15 |
| | | | | | | | | | | | | | 45,616 | 16 |
| | | | | | | | | | | | | | 20,588 | 17 |
| | | | | | | | | | | | | | 71,611 | 18 |
| | | | | | | | | | | | | | 22,564 | 19 |
| | | | | | | | | | 57 | | | | 111,605 | 20+21 |
| | | | | | | | | | 7 | | | | 54,589 | 22+23 |
| | | | | | | | | | 63 | | | | 118,397 | 24 |
| | | | | | | | | | 172 | | | | 39,393 | 25 |
| | 40,999 | | | | | | | | 18 | | | | 64,842 | 26A |
| | 37,543 | | | | | | | | 78 | | | | 132,108 | 26B |
| | | | | | | | | | 27 | | | | 128,069 | 27A |
| | | | | | | | | | 3 | | | | 22,446 | 27B |
| | | | | | | | | | 22 | | | | 59,129 | 28 |
| | | | | | | | | | 33 | | | | 78,432 | 29A |
| | | | | | | | | | 14 | | | | 47,447 | 29B |
| | | | | | | | | | | | | | 17,372 | 30 |
| | | | | | | | | | 14 | | | | 170,226 | 31 |
| | | | | | | | | | 97 | | | | 146,848 | 32 |
| | | | | | | | | | | | | | 8,761 | 33+34 |
| | | | | | | | | | 19 | | | | 21,507 | 35 |
| | | | | | | | | | 40 | | | | 58,587 | 36 |
| | | | | | | | | | 36 | | | | 100,039 | 37 |
| | | | | | | | | | 96 | | | | 82,034 | 38 |
| | | | | | | | | | | | | | 13,068 | 39 |
| | | | | | | | | | 51 | | | | 65,218 | 40 |
| | | | | | | | | | 376 | | | | 46,655 | 41 |
| | | | | | | | | | 14 | | | | 72,829 | 42 |
| | | | | | | | | | 17 | | | | 23,200 | 43 |
| 57 | | | | | | | | | 15 | | | | 47,550 | 44+45 |
| | | | | | | | | | 3 | | | | 11,849 | 46 |
| | | | | | | | | | 9 | | | | 35,854 | 47 |
| | | | | | | | | | 10 | | | | 33,207 | 48 |
| | | | | | | | | | 56 | | | | 40,076 | 49 |
| | | | | | | | | | 10 | | | | 38,645 | 50 |
| | | | | | | | | | 2 | | | | 98,666 | 51 |
| | | | | | | | | | 44 | | | | 37,739 | 52 |
| | | | | | | | | | | | | | 37,539 | 53 |
| | | | | | | | | | | | | | 19,641 | 54 |
| | | | | | | | | | 20 | | | | 23,782 | 55 |
| | | | | 1 | | | | | | | | | 76,293 | 56 |
| | | | | | | | | | | | | | 124,761 | 57 |
| | | | | | | | | | | | | | 26,528 | 58 |
| | | | | | | | | | 28 | | | | 200,631 | 59A |
| | | | | | | | | | 223 | | | | 121,710 | 59B |
| | | | | | | | | | | | | | 89,767 | 60 |
| | | | | | | | | | 11 | | | | 37,991 | 61 |
| | | | | | | | | | 10 | | | | 120,125 | 62 |
| | | | | | | | | | | | | | 24,657 | 63 |
| | 3,683 | | | | | | | | 4 | | | | 51,004 | 64 |
| | | | | | | | | | 5 | | | | 68,695 | 65A |
| | | | | | | | | | | | | | 212,488 | 65B |
| | | | | | | | | | | | | | 34,825 | 65C |
| | | | | | | | | | | | | | 118,316 | 65D |
| | | | | | | | | | | | | | 41,653 | 65E |
| | 4,328 | | | | | | | | | | | | 291,856 | 66 |
| | 35,001 | | | | | | | | | | | | 39,488 | 67 |
| | | | | | | | | | | | | | 199,585 | 68A |
| | | | | | | | | | | | | | 106,611 | 68B |
| | | | | | | | | 878 | 130 | | | | 23,158 | 68C |
| | | | | | | | | | | | | | 769,833 | 69A |
| | | | | | | | | | | | | | 683,714 | 69B |
| | | | 46,054 | | | | | | | | | | 601,756 | 70A |
| | | | | | | | | | | | | | 303,241 | 70B |
| | | | | | | | | | | | | | 561,548 | 71A |
| | | | | | | | | | | | | | 681,696 | 71B |
| | | | | | | | | | | | | | 73,214 | 72A |
| 266 | | | | | | | | | | | | | 114,884 | 72B |
| | | | | | | | | | | | | | 251,768 | 73A |
| 5,885 | | | | | | | | | | | | | 317,815 | 73B |
| 471,379 | 13,914 | | 99 | 126 | | | | | | | | | 488,209 | 73C |
| 287 | 38,780 | | | | | | | | | | | | 39,066 | 73D |
| | | 335,585 | | | | | | | 621 | | | | 336,205 | 74 |
| 182 | | | 189,177 | | | | | | | | | | 189,382 | 75 |
| 94 | 20 | | | 173,366 | | | | | | | | | 173,480 | 76 |
| 619 | | | | | 684,210 | | | | | | | | 684,829 | 77A |
| | 943 | | | | | 291,848 | | | | | | | 292,790 | 77B |
| | | 1,785 | | 95 | | | 67,101 | | | | | | 78,281 | 78 |
| | | | 1,130 | 407 | | | | 38,553 | | | | | 114,093 | 79 |
| | | | | | | | | | | 886,742 | | | 886,742 | 82 |
| | | | | | | | | | | | 12,284 | | 12,284 | 84 |
| | | | | | | | | | | | | 690 | 690 | 85 |
| **478,767** | **175,210** | **337,370** | **236,460** | **175,505** | **684,210** | **291,848** | **67,101** | **39,431** | **2,457** | **886,742** | **12,284** | **690** | **13,789,458** | T |

## Table 2.—The Use of Commodities

[Millions of dollars

| Commodity number | For the distribution of output of a commodity, read the row for that commodity / For the composition of inputs to an industry, read the column for that industry | Livestock and livestock products | Other agricultural products | Forestry and fishery products | Agricultural, forestry, and fishery services | Metallic ores mining | Coal mining | Crude petroleum and natural gas | Non-metallic minerals mining | New construction, including own-account construction | Maintenance and repair construction, including own-account construction |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Industry number | | 1 | 2 | 3 | 4 | 5+6 | 7 | 8 | 9+10 | 11 | 12 |
| 1 | Livestock and livestock products | 10,799 | 11 | 136 | 875 | | | | | | |
| 2 | Other agricultural products | 30,746 | 4,151 | | 4,125 | | | 1 | | 1,255 | 603 |
| 3 | Forestry and fishery products | | | 369 | 70 | | | | | | |
| 4 | Agricultural, forestry, and fishery services | 4,819 | 9,764 | 2,780 | 204 | 25 | 21 | 3 | 9 | 1,891 | 1,015 |
| 5+6 | Metallic ores mining | | | | | 1,534 | | | | | |
| 7 | Coal mining | | | | | 13 | 2,295 | | 47 | | |
| 8 | Crude petroleum and natural gas | | | | | | | 25,919 | | | |
| 9+10 | Nonmetallic minerals mining | 8 | 345 | | 3 | 8 | 7 | | 546 | 3,941 | 2,497 |
| 11 | New construction, including own-account construction | | | | | | | | | 236 | |
| 12 | Maintenance and repair construction, including own-account construction | 1,094 | 1,435 | 310 | 333 | 289 | 81 | 3,026 | 125 | 351 | 175 |
| 13 | Ordnance and accessories | | | | | | | | | | |
| 14 | Food and kindred products | 21,077 | | 520 | 90 | | | | | | |
| 15 | Tobacco products | | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | | 252 | | | | | 86 | | | |
| 17 | Miscellaneous textile goods and floor coverings | 186 | 287 | 51 | 92 | | | | | 1,271 | 569 |
| 18 | Apparel | | | | | | 3 | 1 | | | |
| 19 | Miscellaneous fabricated textile products | | 229 | 8 | 71 | | | | | 393 | 227 |
| 20+21 | Lumber and wood products | 53 | 462 | | | 57 | 71 | 2 | | 28,550 | 19,057 |
| 22+23 | Furniture and fixtures | | | | | | | | | 1,554 | 6 |
| 24 | Paper and allied products, except containers | 218 | 316 | 14 | 9 | 5 | 4 | 1 | 11 | 2,271 | 714 |
| 25 | Paperboard containers and boxes | 8 | 931 | 20 | 163 | 5 | 6 | 2 | 3 | 334 | 159 |
| 26A | Newspapers and periodicals | 10 | 11 | | 7 | | 1 | 2 | 19 | | |
| 26B | Other printing and publishing | 6 | 9 | 13 | 6 | | 1 | 1 | 1 | 141 | 71 |
| 27A | Industrial and other chemicals | 95 | 73 | 3 | 6 | 641 | 319 | 1,170 | 327 | 1,637 | 719 |
| 27B | Agricultural fertilizers and chemicals | 279 | 10,391 | 39 | 3,069 | 2 | 2 | | | 2 | |
| 28 | Plastics and synthetic materials | | | | | | | | | | |
| 29A | Drugs | 332 | | | 1 | | | | | | |
| 29B | Cleaning and toilet preparations | 72 | | 11 | | | | 5 | | 167 | 115 |
| 30 | Paints and allied products | | | | 8 | | | 1 | | 4,780 | 2,441 |
| 31 | Petroleum refining and related products | 898 | 3,296 | 254 | 221 | 278 | 610 | 610 | 551 | 6,764 | 5,527 |
| 32 | Rubber and miscellaneous plastics products | 504 | 785 | 8 | 43 | 84 | 308 | 17 | 164 | 10,926 | 6,016 |
| 33+34 | Footwear, leather, and leather products | 51 | | | | | | 1 | | | |
| 35 | Glass and glass products | 7 | | | 13 | | | 2 | 6 | 1,522 | 173 |
| 36 | Stone and clay products | | 151 | | 6 | 42 | 151 | 247 | | 33,160 | 8,718 |
| 37 | Primary iron and steel manufacturing | 47 | 72 | | | 344 | 84 | 1,450 | 206 | 4,447 | 1,844 |
| 38 | Primary nonferrous metals manufacturing | | | | 3 | | | 15 | | 4,245 | 2,020 |
| 39 | Metal containers | | | | 2 | | | | | | |
| 40 | Heating, plumbing, and fabricated structural metal products | 18 | 23 | | | 110 | 78 | 48 | 77 | 31,255 | 12,338 |
| 41 | Screw machine products and stampings | 36 | | | | 17 | 140 | | 12 | 351 | 110 |
| 42 | Other fabricated metal products | 297 | 506 | 12 | 72 | 2 | 71 | 518 | 12 | 11,562 | 4,561 |
| 43 | Engines and turbines | | | | 14 | 40 | 116 | 25 | 55 | | |
| 44+45 | Farm, construction, and mining machinery | 138 | 379 | 24 | 33 | 325 | 1,155 | 285 | 516 | 1,316 | 512 |
| 46 | Materials handling machinery and equipment | | | | | 70 | 149 | 49 | 219 | 1,991 | 20 |
| 47 | Metalworking machinery and equipment | 40 | 57 | | 1 | 13 | 5 | 19 | 4 | 444 | 137 |
| 48 | Special industry machinery and equipment | | | | 1 | | | | | 2 | 4 |
| 49 | General industrial machinery and equipment | 36 | 83 | 1 | 2 | 46 | 247 | 109 | 120 | 4,161 | 759 |
| 50 | Miscellaneous machinery, except electrical | 61 | 166 | 1 | 18 | 31 | 145 | 207 | 20 | 326 | 6 |
| 51 | Computer and office equipment | | | | | | | | | | |
| 52 | Service industry machinery | | | 2 | 3 | | 4 | 4 | 3 | 7,375 | 3,379 |
| 53 | Electrical industrial equipment and apparatus | 11 | 26 | 3 | | 26 | 67 | 86 | 68 | 3,508 | 1,171 |
| 54 | Household appliances | | | | | | | | | 1,118 | 633 |
| 55 | Electric lighting and wiring equipment | 40 | 43 | 2 | 27 | | 17 | 240 | 1 | 9,623 | 4,027 |
| 56 | Audio, video, and communication equipment | | | | | | | | | 2,412 | 881 |
| 57 | Electronic components and accessories | | | | | | | | | | |
| 58 | Miscellaneous electrical machinery and supplies | 244 | 667 | 6 | 41 | 4 | 9 | 11 | 17 | 1,458 | 497 |
| 59A | Motor vehicles (passenger cars and trucks) | | | | | | | | | | |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | 68 | 163 | 34 | 54 | 19 | 38 | 45 | 63 | 674 | 350 |
| 60 | Aircraft and parts | | | | | | | | | | |
| 61 | Other transportation equipment | | | | | 1 | | | | 185 | 89 |
| 62 | Scientific and controlling instruments | | | 16 | 20 | 2 | 2 | 2 | | 1,947 | 726 |
| 63 | Ophthalmic and photographic equipment | | | | 10 | | 4 | 14 | | 74 | 31 |
| 64 | Miscellaneous manufacturing | 36 | 59 | | 4 | 2 | 3 | 3 | 5 | 1,936 | 847 |
| 65A | Railroads and related services; passenger ground transportation | 1,396 | 346 | 17 | 70 | 76 | 797 | 169 | 82 | 994 | 559 |
| 65B | Motor freight transportation and warehousing | 2,484 | 1,410 | 31 | 333 | 190 | 356 | 291 | 324 | 9,115 | 4,378 |
| 65C | Water transportation | 39 | 65 | 274 | 9 | 9 | 48 | 24 | 9 | 176 | 101 |
| 65D | Air transportation | 36 | 123 | 37 | 500 | 37 | 90 | 246 | 52 | 852 | 379 |
| 65E | Pipelines, freight forwarders, and related services | 115 | 31 | 1 | 2 | 3 | 5 | 9 | 6 | 20 | 9 |
| 66 | Communications, except radio and TV | 265 | 297 | 12 | 166 | 32 | 38 | 215 | 50 | 2,382 | 1,200 |
| 67 | Radio and TV broadcasting | | | | | | | | | | |
| 68A | Electric services (utilities) | 1,740 | 862 | 8 | 60 | 789 | 528 | 1,438 | 690 | 754 | 360 |
| 68B | Gas production and distribution (utilities) | | 376 | 3 | 2 | 95 | 35 | 5,462 | 310 | 138 | |
| 68C | Water and sanitary services | 137 | 726 | 19 | | | 3 | 92 | 11 | 653 | 338 |
| 69A | Wholesale trade | 6,343 | 6,847 | 212 | 1,157 | 406 | 941 | 1,091 | 712 | 24,379 | 11,337 |
| 69B | Retail trade | | 27 | 10 | 24 | 38 | 235 | 68 | 23,954 | 13,225 | |
| 70A | Finance | 497 | 566 | 83 | 225 | 90 | 185 | 584 | 145 | 3,535 | 1,431 |
| 70B | Insurance | 441 | 1,069 | 54 | 123 | 51 | 74 | 211 | 69 | 3,984 | 1,075 |
| 71A | Owner-occupied dwellings | | | | | | | | | | |
| 71B | Real estate and royalties | 4,995 | 12,388 | 12 | 292 | 102 | 657 | 21,235 | 209 | 3,023 | 1,351 |
| 72A | Hotels and lodging places | 27 | 40 | 28 | 58 | 33 | 78 | 251 | 43 | 469 | 222 |
| 72B | Personal and repair services (except auto) | 32 | 90 | 7 | 74 | 6 | 9 | 12 | 3 | 273 | 158 |
| 73A | Computer and data processing services, including own-account software | 5 | 4 | 6 | 3 | 12 | 11 | 75 | 34 | 481 | 265 |
| 73B | Legal, engineering, accounting, and related services | 74 | 95 | 279 | 523 | 178 | 401 | 1,799 | 164 | 39,990 | 8,773 |
| 73C | Other business and professional services, except medical | 569 | 1,505 | 193 | 455 | 183 | 248 | 501 | 174 | 17,967 | 8,942 |
| 73D | Advertising | 13 | 26 | 6 | 138 | 6 | 14 | 130 | 48 | 397 | 189 |
| 74 | Eating and drinking places | 8 | 15 | 28 | 60 | 39 | 78 | 249 | 50 | 482 | 227 |
| 75 | Automotive repair and services | 125 | 367 | 66 | 351 | 33 | 41 | 125 | 33 | 2,937 | 1,718 |
| 76 | Amusements | | | 2 | 277 | 1 | 13 | 47 | 2 | 82 | 46 |
| 77A | Health services | 1,997 | | | | | | | | | |
| 77B | Educational and social services, and membership organizations | 67 | 79 | 49 | 25 | 36 | 99 | 103 | 14 | 34 | 12 |
| 78 | Federal Government enterprises | 10 | 11 | 6 | 37 | 10 | 1 | | 8 | 575 | 295 |
| 79 | State and local government enterprises | 21 | 46 | 1 | 23 | 5 | 3 | 2 | | 19 | 9 |
| 80 | Noncomparable imports | | 58 | | | 114 | 38 | 847 | 27 | | |
| 81 | Scrap, used and secondhand goods | | | | 2 | | | | | 6 | 3 |
| 82 | General government industry | | | | | | | | | | |
| 83 | Rest of the world adjustment to final uses | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | |
| I | Total intermediate inputs | 93,769 | 62,582 | 6,111 | 14,673 | 6,589 | 11,139 | 69,565 | 6,539 | 329,223 | 140,343 |
| VA | Value added | 4,964 | 80,494 | 5,025 | 22,703 | 6,261 | 11,762 | 51,272 | 10,151 | 259,512 | 138,588 |
| T | **Total industry output** | **98,733** | **143,076** | **11,136** | **37,376** | **12,850** | **22,902** | **120,838** | **16,690** | **588,735** | **278,930** |

* Less than $500,000.

## by Industries, 1996
at producers' prices]

| Ordnance and accessories | Food and kindred products | Tobacco products | Broad and narrow fabrics, yarn and thread mills | Miscellaneous textile goods and floor coverings | Apparel | Miscellaneous fabricated textile products | Lumber and wood products | Furniture and fixtures | Paper and allied products, except containers | Paperboard containers and boxes | Newspapers and periodicals | Other printing and publishing | Industrial and other chemicals | Agricultural fertilizers and chemicals | Commodity number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20+21 | 22+23 | 24 | 25 | 26A | 26B | 27A | 27B | |
| | 80,534 | | 548 | 95 | 33 | | | | 12 | | | | | | 1 |
| | 40,419 | 3,303 | 4,558 | 71 | 88 | | | | | | | | | | 2 |
| | 2,838 | | | | 207 | | 8,970 | 10 | | | | 10 | 53 | 18 | 3 |
| 23 | 158 | 6 | 12 | 7 | 15 | 7 | 35 | 32 | 54 | 11 | 32 | 39 | 59 | 10 | 4 |
| | | | | | | | | | | | | | 1,252 | 21 | 5+6 |
| 1 | 173 | 22 | 19 | 13 | 17 | 3 | 3 | 11 | 301 | 22 | | | 164 | 25 | 7 |
| | | | | | | | | | | | | | 5,050 | 1,637 | 8 |
| | | | | | | | | | 406 | | | | 1,052 | 938 | 9+10 |
| | | | | | | | | | | | | | | | 11 |
| 118 | 2,139 | 113 | 233 | 226 | 334 | 83 | 348 | 247 | 1,451 | 198 | 380 | 693 | 1,298 | 186 | 12 |
| 539 | | | | | | | | | | | | | | | 13 |
| | 74,481 | | | 29 | | | | 81 | 794 | | | | 491 | 392 | 14 |
| | | | 2,667 | | | | | | | | | | | | 15 |
| 13 | | | 8,713 | 3,359 | 16,430 | 5,897 | 2,491 | 137 | | | | 84 | | | 16 |
| | 27 | 6 | 47 | 503 | 25 | 1,435 | 172 | 1,555 | 822 | | 6 | 52 | 1 | | 17 |
| 5 | | | 33 | | 15,751 | 536 | 5 | 4 | 5 | | | | | | 18 |
| | 70 | 3 | | 2 | 2,280 | 547 | 4 | 19 | 2 | | | | 1 | | 19 |
| 43 | 111 | 2 | | 2 | 2 | 42 | 35,599 | 4,664 | 7,993 | 55 | 16 | 11 | 44 | | 20+21 |
| | | | | | | | 148 | 263 | | | | | | | 22+23 |
| 5 | 6,091 | 129 | 29 | 36 | 88 | 16 | 62 | 123 | 17,829 | 16,887 | 5,754 | 18,889 | 380 | 50 | 24 |
| 32 | 9,139 | 570 | 38 | 49 | 84 | 15 | 258 | 785 | 1,503 | 130 | 16 | 554 | 587 | 91 | 25 |
| 2 | 5 | | | 1 | | | 14 | 2 | 7 | 24 | 1,364 | 156 | 9 | | 26A |
| | 929 | 219 | 2 | 1 | 23 | 13 | 14 | 11 | 186 | 5 | 4,530 | 13,492 | 16 | 87 | 26B |
| 123 | 2,262 | 5 | 831 | 452 | 5 | 152 | 447 | 79 | 5,122 | 826 | 528 | 2,659 | 31,690 | 2,309 | 27A |
| 23 | 2 | | | | | | 186 | | 31 | | | | 1,148 | 2,637 | 27B |
| 48 | 189 | 362 | 7,597 | 5,116 | 907 | 460 | 424 | 156 | 2,997 | 164 | | 9 | 992 | | 28 |
| | 1,143 | | | | | | | | | | | | | | 29A |
| | 533 | 81 | 41 | 98 | 332 | | 9 | 34 | 478 | | | | 139 | 85 | 29B |
| 5 | | | | | | | 186 | 469 | 11 | 144 | 1 | 5 | 681 | | 30 |
| 38 | 1,317 | 57 | 131 | 81 | 153 | 51 | 636 | 243 | 607 | 324 | 108 | 230 | 2,130 | 220 | 31 |
| 234 | 9,432 | 292 | 191 | 196 | 454 | 427 | 939 | 2,319 | 4,050 | 170 | 21 | 1,650 | 1,428 | 181 | 32 |
| | | | | | 351 | 547 | 2 | 60 | | | 1 | 2 | | | 33+34 |
| | 3,677 | | 377 | 15 | | | 283 | 191 | | | | | 117 | 17 | 35 |
| 18 | 23 | 7 | 1 | | | | 624 | 139 | 63 | | | 2 | 131 | 30 | 36 |
| 207 | | | 3 | | | | 65 | 2,027 | 44 | 260 | 1 | 35 | 381 | 1 | 37 |
| 279 | | | | | | | 31 | 560 | 119 | 77 | | 49 | 10 | | 38 |
| | 9,469 | | | | | | | | | | | | 624 | 83 | 39 |
| | | | | | | | 867 | | | | | | | | 40 |
| 121 | 526 | | | | | | 419 | 657 | 5 | 19 | | | 5 | | 41 |
| 149 | 1,443 | 50 | | | 6 | | 1,177 | 3,120 | 392 | 257 | 26 | 31 | 827 | 51 | 42 |
| 11 | 10 | | | | | | | | | | 2 | | | | 43 |
| | | | | | | | | | | | | | | | 44+45 |
| | | | | | | | 25 | | | | | | | | 46 |
| 28 | 57 | 14 | 17 | 5 | 3 | 9 | 76 | 47 | 69 | 30 | 5 | 38 | 50 | 1 | 47 |
| 51 | 151 | | 64 | 265 | 204 | 44 | 98 | 51 | 338 | 169 | 27 | 520 | 866 | | 48 |
| 123 | 270 | 1 | | | 5 | | 116 | 112 | 40 | | | | 6 | 12 | 49 |
| 126 | 243 | 6 | 87 | 30 | 30 | 28 | 195 | 129 | 299 | 85 | 24 | 134 | 525 | 13 | 50 |
| | | | 4 | | | | | | | | 28 | 55 | | | 51 |
| | 61 | 9 | | | 1 | | 137 | 3 | 11 | | 2 | 1 | 59 | | 52 |
| 174 | 115 | 19 | 2 | | | | 3 | 10 | 25 | | | 1 | 122 | 1 | 53 |
| | | | | | | | 262 | | | | | | | | 54 |
| 18 | 98 | 19 | 2 | | | | 202 | 8 | 24 | | 3 | 4 | 6 | 2 | 55 |
| 224 | | | | | | | | | | | 1 | 6 | | | 56 |
| 929 | | | | | | | | | | | | | | | 57 |
| 6 | 24 | 2 | | 2 | 3 | | 16 | 2 | 7 | 2 | 17 | 13 | 2 | | 58 |
| | | | | | | | | | | | | | | | 59A |
| 1 | 240 | 1 | 7 | 4 | 12 | | 417 | 22 | 21 | 10 | 46 | 40 | 15 | 5 | 59B |
| 1,281 | | | | | | | | | | | | | | | 60 |
| | | | | | | | 3 | | | | | | | | 61 |
| 1,089 | 10 | 3 | | | | | 1 | 12 | 24 | 7 | 21 | 137 | 123 | 10 | 62 |
| 4 | 10 | 1 | 3 | | 2 | 1 | 13 | 7 | 11 | 2 | 148 | 813 | 22 | 1 | 63 |
| | 29 | 6 | | 1 | 774 | 25 | 74 | 13 | 4 | 1 | 18 | 133 | 3 | | 64 |
| 24 | 2,949 | 55 | 191 | 125 | 97 | 27 | 714 | 192 | 1,255 | 444 | 192 | 531 | 1,111 | 284 | 65A |
| 113 | 7,999 | 214 | 503 | 393 | 789 | 269 | 2,548 | 825 | 3,595 | 1,546 | 586 | 2,140 | 2,921 | 1,215 | 65B |
| 1 | 174 | 3 | 8 | 13 | 3 | 2 | 51 | 11 | 84 | 8 | 1 | 12 | 126 | 21 | 65C |
| 99 | 1,606 | 130 | 137 | 71 | 369 | 91 | 291 | 208 | 403 | 168 | 207 | 491 | 397 | 58 | 65D |
| 1 | 23 | 2 | 1 | 1 | 3 | 1 | 9 | 3 | 8 | 4 | 4 | 5 | 149 | 2 | 65E |
| 61 | 701 | 79 | 61 | 62 | 157 | 55 | 192 | 184 | 273 | 109 | 392 | 515 | 270 | 44 | 66 |
| | | | | | | | | | | | | | | | 67 |
| 135 | 3,305 | 83 | 1,019 | 263 | 657 | 162 | 1,065 | 398 | 2,487 | 317 | 267 | 860 | 2,513 | 291 | 68A |
| 28 | 1,878 | 17 | 195 | 117 | 256 | 78 | 190 | 124 | 1,304 | 90 | 59 | 266 | 2,509 | 714 | 68B |
| 15 | 642 | 6 | 51 | 47 | 38 | 25 | 142 | 47 | 643 | 35 | 19 | 87 | 1,016 | 127 | 68C |
| 490 | 30,364 | 1,021 | 2,160 | 942 | 3,492 | 1,109 | 7,891 | 4,073 | 6,053 | 2,204 | 1,643 | 5,033 | 7,620 | 1,164 | 69A |
| 5 | 865 | 132 | 32 | 8 | 18 | 8 | 87 | 93 | 164 | 13 | 45 | 54 | 77 | 16 | 69B |
| 119 | 2,986 | 312 | 228 | 137 | 492 | 155 | 638 | 407 | 745 | 230 | 424 | 829 | 877 | 201 | 70A |
| 44 | 1,212 | 112 | 98 | 54 | 180 | 56 | 256 | 141 | 300 | 90 | 156 | 314 | 327 | 55 | 70B |
| | | | | | | | | | | | | | | | 71A |
| 153 | 1,764 | 172 | 128 | 94 | 831 | 329 | 660 | 547 | 419 | 183 | 2,053 | 3,208 | 875 | 100 | 71B |
| 52 | 1,137 | 138 | 104 | 61 | 215 | 65 | 268 | 151 | 315 | 101 | 169 | 355 | 343 | 60 | 72A |
| 16 | 560 | 49 | 259 | 89 | 121 | 12 | 149 | 42 | 339 | 68 | 50 | 149 | 301 | 60 | 72B |
| 138 | 898 | 92 | 121 | 76 | 104 | 31 | 231 | 95 | 531 | 110 | 288 | 430 | 485 | 103 | 73A |
| 82 | 1,246 | 418 | 115 | 84 | 192 | 91 | 324 | 419 | 249 | 69 | 787 | 502 | 2,864 | 256 | 73B |
| 327 | 5,600 | 425 | 583 | 278 | 4,439 | 257 | 1,341 | 986 | 1,864 | 524 | 2,826 | 2,424 | 2,206 | 503 | 73C |
| 84 | 11,822 | 3,750 | 113 | 205 | 815 | 110 | 388 | 567 | 698 | 59 | 1,584 | 1,312 | 812 | 277 | 73D |
| 57 | 1,175 | 139 | 122 | 65 | 253 | 78 | 308 | 183 | 331 | 106 | 170 | 370 | 357 | 59 | 74 |
| 41 | 1,975 | 158 | 210 | 108 | 185 | 52 | 454 | 151 | 824 | 183 | 249 | 631 | 715 | 143 | 75 |
| 7 | 295 | 66 | 5 | 4 | 40 | 3 | 31 | 10 | 48 | 13 | 50 | 64 | 53 | 5 | 76 |
| | | | | | | | | | | | | | | | 77A |
| 14 | 305 | 55 | 27 | 13 | 52 | 154 | 256 | 102 | 156 | 24 | 67 | 216 | 123 | 39 | 77B |
| 3 | 180 | 63 | 21 | 22 | 65 | 29 | 56 | 67 | 60 | 19 | 430 | 286 | 69 | 4 | 78 |
| 3 | 306 | 17 | 13 | 9 | 30 | 9 | 41 | 28 | 146 | 7 | 16 | 45 | 83 | 10 | 79 |
| 8 | 748 | 26 | 44 | 14 | 36 | 2 | 12 | 44 | 146 | 18 | 100 | 271 | 1,279 | 42 | 80 |
| | | | | 45 | | | | 8 | 813 | | | | | 5 | 81 |
| | | | | | | | | | | | | | | | 82 |
| | | | | | | | | | | | | | | | 83 |
| | | | | | | | | | | | | | | | 84 |
| | | | | | | | | | | | | | | | 85 |
| 8,206 | 331,156 | 15,709 | 30,131 | 14,060 | 52,546 | 13,595 | 72,152 | 30,871 | 70,544 | 26,617 | 25,960 | 61,946 | 83,740 | 14,969 | I |
| 11,639 | 134,024 | 24,074 | 15,485 | 6,528 | 19,065 | 8,969 | 39,453 | 23,718 | 47,853 | 12,775 | 38,883 | 70,162 | 44,330 | 7,477 | VA |
| **19,845** | **465,180** | **39,784** | **45,616** | **20,588** | **71,611** | **22,564** | **111,605** | **54,589** | **118,397** | **39,393** | **64,842** | **132,108** | **128,069** | **22,446** | T |

**Table 2.—The Use of Commodities**

[Millions of dollars

| Commodity number | For the distribution of output of a commodity, read the row for that commodity / For the composition of inputs to an industry, read the column for that industry | Plastics and synthetic materials | Drugs | Cleaning and toilet preparations | Paints and allied products | Petroleum refining and related products | Rubber and miscellaneous plastics products | Footwear, leather, and leather products | Glass and glass products | Stone and clay products | Primary iron and steel manufacturing |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Industry number | 28 | 29A | 29B | 30 | 31 | 32 | 33+34 | 35 | 36 | 37 |
| 1 | Livestock and livestock products | | | 56 | | | | | | | |
| 2 | Other agricultural products | | 207 | | | 1 | | | | | |
| 3 | Forestry and fishery products | 1 | 40 | | 14 | 1 | 1,478 | | | 2 | |
| 4 | Agricultural, forestry, and fishery services | 22 | 45 | 20 | 6 | 27 | 61 | 1 | 14 | 33 | 45 |
| 5+6 | Metallic ores mining | | | | 24 | 27 | | | 21 | 18 | 2,605 |
| 7 | Coal mining | 49 | 17 | 9 | 2 | 6 | 15 | 2 | 86 | 246 | 1,270 |
| 8 | Crude petroleum and natural gas | 374 | | | | 93,956 | | | | | |
| 9+10 | Nonmetallic minerals mining | | 1 | 15 | 5 | 430 | 16 | | 215 | 3,236 | 262 |
| 11 | New construction, including own-account construction | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | 632 | 658 | 297 | 69 | 1,327 | 1,065 | 59 | 188 | 425 | 789 |
| 13 | Ordnance and accessories | | | | | | | | | | |
| 14 | Food and kindred products | 81 | 350 | 593 | 180 | 143 | 20 | 925 | | 24 | |
| 15 | Tobacco products | | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | 12 | | | | | 1,239 | 220 | | 181 | |
| 17 | Miscellaneous textile goods and floor coverings | 1 | 13 | 16 | | | 1,308 | 173 | 1 | | |
| 18 | Apparel | 2 | | | | | 11 | 4 | | | |
| 19 | Miscellaneous fabricated textile products | | 2 | 5 | | | 15 | | 1 | 9 | |
| 20+21 | Lumber and wood products | | 2 | 4 | | 4 | 251 | | 262 | 269 | 207 |
| 22+23 | Furniture and fixtures | | | | | | | | | | |
| 24 | Paper and allied products, except containers | 786 | 146 | 143 | 3 | 110 | 1,222 | 49 | 48 | 628 | 32 |
| 25 | Paperboard containers and boxes | 232 | 1,005 | 1,916 | 1 | 147 | 1,756 | 28 | 789 | 191 | 20 |
| 26A | Newspapers and periodicals | 2 | 7 | 1 | | 3 | 10 | | | 2 | 2 |
| 26B | Other printing and publishing | 1 | 491 | 172 | 8 | 7 | 34 | 1 | 2 | 6 | 96 |
| 27A | Industrial and other chemicals | 20,173 | 1,826 | 4,751 | 3,347 | 2,558 | 6,594 | 340 | 775 | 1,233 | 1,147 |
| 27B | Agricultural fertilizers and chemicals | 289 | | | | | | | | | |
| 28 | Plastics and synthetic materials | 1,771 | | | 2,244 | | 25,912 | 10 | | 302 | |
| 29A | Drugs | | 8,570 | | | | | | | | |
| 29B | Cleaning and toilet preparations | 340 | 57 | 2,772 | 2 | 493 | 96 | 29 | 37 | 120 | 3 |
| 30 | Paints and allied products | 20 | | 16 | 283 | | 76 | | 18 | 75 | 30 |
| 31 | Petroleum refining and related products | 216 | 100 | 689 | 190 | 16,279 | 372 | 40 | 121 | 545 | 516 |
| 32 | Rubber and miscellaneous plastics products | 2,513 | 1,855 | 3,350 | 1 | 573 | 8,390 | 259 | 485 | 429 | 180 |
| 33+34 | Footwear, leather, and leather products | | | | | | 1 | 2,347 | | | |
| 35 | Glass and glass products | 8 | 263 | 217 | 4 | 494 | 1,006 | | 2,087 | 147 | |
| 36 | Stone and clay products | 9 | 16 | 6 | 211 | 306 | 190 | 4 | 259 | 6,330 | 1,410 |
| 37 | Primary iron and steel manufacturing | 1 | | 2 | 6 | 21 | 708 | | 25 | 537 | 18,115 |
| 38 | Primary nonferrous metals manufacturing | | | | 1 | | 96 | | | 88 | 1,798 |
| 39 | Metal containers | 4 | 87 | 495 | 531 | 133 | | | | | 3 |
| 40 | Heating, plumbing, and fabricated structural metal products | | | | | | 61 | | | 29 | 7 |
| 41 | Screw machine products and stampings | | 80 | 69 | 3 | | 405 | 2 | 24 | 78 | 385 |
| 42 | Other fabricated metal products | 20 | 51 | 125 | 3 | 138 | 889 | 49 | | 395 | 1,847 |
| 43 | Engines and turbines | | | | | | 31 | | | | 36 |
| 44+45 | Farm, construction, and mining machinery | | | | | | | | | | |
| 46 | Materials handling machinery and equipment | | | | | | 7 | | | | 25 |
| 47 | Metalworking machinery and equipment | 31 | 4 | 10 | 1 | 23 | 273 | 2 | 105 | 137 | 822 |
| 48 | Special industry machinery and equipment | 19 | | | | | 610 | 29 | | 35 | |
| 49 | General industrial machinery and equipment | 32 | 57 | 5 | | 1 | 34 | | | 50 | 1,768 |
| 50 | Miscellaneous machinery, except electrical | 109 | 37 | 53 | 5 | 125 | 1,020 | 16 | 133 | 163 | 643 |
| 51 | Computer and office equipment | | | | | | | | | | |
| 52 | Service industry machinery | 1 | 3 | 11 | | 1 | 9 | | 3 | 5 | 1 |
| 53 | Electrical industrial equipment and apparatus | 6 | 9 | 26 | | 1 | 52 | | 66 | 14 | 903 |
| 54 | Household appliances | | | | | | | | | | |
| 55 | Electric lighting and wiring equipment | 4 | 15 | 22 | | 9 | 82 | | 7 | 28 | |
| 56 | Audio, video, and communication equipment | | | | | | | | | | |
| 57 | Electronic components and accessories | | | | | | 44 | | | | |
| 58 | Miscellaneous electrical machinery and supplies | | | | | 2 | 27 | | | 17 | 6 |
| 59A | Motor vehicles (passenger cars and trucks) | | | | | | | | | | |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | 1 | 2 | 3 | 3 | 16 | 16 | | 8 | 56 | 18 |
| 60 | Aircraft and parts | | | | | | | | | | |
| 61 | Other transportation equipment | | | | | | | | | | |
| 62 | Scientific and controlling instruments | 5 | 18 | 8 | 5 | 29 | 14 | | 11 | 22 | 127 |
| 63 | Ophthalmic and photographic equipment | 4 | 13 | 6 | 1 | 7 | 19 | | 3 | 5 | 10 |
| 64 | Miscellaneous manufacturing | 1 | 33 | 8 | 1 | 5 | 22 | 6 | 1 | 43 | 3 |
| 65A | Railroads and related services; passenger ground transportation | 447 | 163 | 274 | 293 | 400 | 854 | 14 | 276 | 629 | 1,499 |
| 65B | Motor freight transportation and warehousing | 1,129 | 325 | 590 | 435 | 871 | 4,196 | 136 | 314 | 3,587 | 2,787 |
| 65C | Water transportation | 51 | 8 | 27 | 20 | 293 | 85 | 20 | 162 | 132 | |
| 65D | Air transportation | 179 | 335 | 175 | 51 | 103 | 477 | 43 | 66 | 155 | 354 |
| 65E | Pipelines, freight forwarders, and related services | 16 | 3 | 8 | 2 | 4,511 | 7 | 1 | 7 | 6 | |
| 66 | Communications, except radio and TV | 264 | 337 | 168 | 46 | 202 | 419 | 23 | 70 | 182 | 190 |
| 67 | Radio and TV broadcasting | | | | | | | | | | |
| 68A | Electric services (utilities) | 1,083 | 591 | 233 | 87 | 1,504 | 2,506 | 57 | 545 | 1,209 | 3,044 |
| 68B | Gas production and distribution (utilities) | 675 | 194 | 111 | 29 | 2,267 | 534 | 29 | 349 | 961 | 1,691 |
| 68C | Water and sanitary services | 320 | 164 | 96 | 64 | 504 | 216 | 92 | 56 | 123 | 728 |
| 69A | Wholesale trade | 3,003 | 5,608 | 2,839 | 925 | 6,931 | 6,293 | 459 | 1,008 | 2,139 | 9,196 |
| 69B | Retail trade | 37 | 57 | 148 | 4 | 31 | 178 | 6 | 57 | 71 | 32 |
| 70A | Finance | 430 | 710 | 389 | 134 | 1,271 | 1,084 | 52 | 144 | 354 | 681 |
| 70B | Insurance | 135 | 190 | 122 | 40 | 239 | 363 | 25 | 56 | 165 | 260 |
| 71A | Owner-occupied dwellings | | | | | | | | | | |
| 71B | Real estate and royalties | 224 | 711 | 427 | 61 | 1,539 | 1,356 | 51 | 133 | 401 | 363 |
| 72A | Hotels and lodging places | 158 | 294 | 147 | 49 | 145 | 408 | 23 | 62 | 149 | 268 |
| 72B | Personal and repair services (except auto) | 164 | 79 | 48 | 12 | 292 | 280 | 9 | 60 | 160 | 417 |
| 73A | Computer and data processing services, including own-account software | 279 | 211 | 106 | 25 | 455 | 527 | 42 | 101 | 244 | 683 |
| 73B | Legal, engineering, accounting, and related services | 1,563 | 2,305 | 730 | 180 | 1,036 | 894 | 22 | 80 | 267 | 376 |
| 73C | Other business and professional services, except medical | 868 | 2,424 | 992 | 160 | 1,558 | 2,294 | 91 | 374 | 1,019 | 2,066 |
| 73D | Advertising | 321 | 5,555 | 3,252 | 223 | 589 | 817 | 185 | 97 | 315 | 412 |
| 74 | Eating and drinking places | 165 | 336 | 152 | 50 | 235 | 450 | 30 | 73 | 162 | 292 |
| 75 | Automotive repair and services | 378 | 250 | 151 | 45 | 602 | 721 | 24 | 145 | 376 | 902 |
| 76 | Amusements | 29 | 87 | 60 | 13 | 37 | 60 | 1 | 4 | 14 | 35 |
| 77A | Health services | | | | | | | | | | |
| 77B | Educational and social services, and membership organizations | 194 | 567 | 136 | 13 | 201 | 594 | 4 | 15 | 47 | 76 |
| 78 | Federal Government enterprises | 15 | 30 | 50 | 8 | 46 | 82 | 14 | 16 | 31 | 67 |
| 79 | State and local government enterprises | 23 | 18 | 17 | 1 | 18 | 37 | 9 | 5 | 20 | 43 |
| 80 | Noncomparable imports | 306 | 2,915 | 569 | 92 | 468 | 330 | 3 | 43 | 157 | 136 |
| 81 | Scrap, used and secondhand goods | | | | | | | | | 88 | 3,952 |
| 82 | General government industry | | | | | | | | | | |
| 83 | Rest of the world adjustment to final uses | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | |
| I | Total intermediate inputs | 40,225 | 40,544 | 27,902 | 10,213 | 143,748 | 81,612 | 6,005 | 10,081 | 29,222 | 65,850 |
| VA | Value added | 18,904 | 37,888 | 19,545 | 7,159 | 26,478 | 65,236 | 2,756 | 11,426 | 29,365 | 34,190 |
| T | **Total industry output** | **59,129** | **78,432** | **47,447** | **17,372** | **170,226** | **146,848** | **8,761** | **21,507** | **58,587** | **100,039** |

## by Industries, 1996—Continued

at producers' prices]

| Primary non-ferrous metals manufacturing | Metal containers | Heating, plumbing, and fabricated structural metal products | Screw machine products and stampings | Other fabricated metal products | Engines and turbines | Farm, construction, and mining machinery | Materials handling machinery and equipment | Metalworking machinery and equipment | Special industry machinery and equipment | General industrial machinery and equipment | Miscellaneous machinery, except electrical | Computer and office equipment | Service industry machinery | Commodity number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 38 | 39 | 40 | 41 | 42 | 43 | 44+45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 |
| 21 |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
| 37 | 3 | 20 | 9 | 28 | 12 | 22 | 4 | 13 | 13 | 22 | 20 | 34 | 12 | 4 |
| 2,992 |  | 36 |  | 31 |  | 13 |  |  |  |  |  | 3 |  | 5+6 |
| 16 | 1 | 2 | 2 | 3 | 1 | 3 |  |  |  | 2 | 2 | 1 | 2 | 7 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 |
| 20 |  |  |  | 1 |  |  |  | 24 | 1 |  |  |  |  | 9+10 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11 |
| 461 | 74 | 234 | 493 | 429 | 160 | 253 | 52 | 225 | 191 | 202 | 257 | 762 | 262 | 12 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 13 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 15 |
| 14 |  |  |  |  |  |  |  |  |  |  |  |  |  | 16 |
|  |  |  |  |  |  |  |  |  |  |  | 254 | 63 |  | 17 |
|  |  |  |  | 3 | 10 |  |  | 4 | 3 | 1 |  |  |  | 18 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | 1 | 19 |
| 243 |  | 45 | 24 | 89 |  | 110 | 25 | 117 | 116 | 49 | 8 |  | 88 | 20+21 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 22+23 |
| 52 | 5 | 39 | 77 | 293 | 8 | 12 | 5 | 21 | 243 | 158 | 12 | 50 | 156 | 24 |
| 74 | 40 | 258 | 262 | 402 | 9 | 12 | 1 | 82 | 23 | 121 | 67 | 339 | 131 | 25 |
| 1 |  | 3 | 1 | 2 |  | 2 |  | 1 | 2 | 4 |  | 15 | 1 | 26A |
| 3 | 58 | 4 | 4 | 2 | 2 | 6 | 1 | 5 | 3 | 3 | 5 | 11 | 1 | 26B |
| 294 | 113 | 622 | 215 | 752 | 2 | 33 | 5 | 183 | 41 | 3 | 7 |  | 83 | 27A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 27B |
| 1,254 |  | 50 | 114 | 381 |  |  |  |  |  | 19 | 13 | 27 | 153 | 28 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 29A |
|  |  | 3 | 6 | 16 |  |  |  |  |  |  |  | 8 | 13 | 29B |
| 10 | 376 | 309 | 109 | 531 | 31 | 169 | 19 | 71 |  | 19 | 12 | 42 | 118 | 30 |
| 312 | 31 | 166 | 86 | 220 | 31 | 89 | 39 | 89 | 67 | 107 | 78 | 72 | 58 | 31 |
| 773 | 20 | 665 | 200 | 1,923 | 299 | 1,938 | 223 | 322 | 574 | 995 | 173 | 1,587 | 1,011 | 32 |
|  |  | 1 |  |  |  |  |  |  |  |  |  |  |  | 33+34 |
| 525 |  | 269 | 36 | 64 |  | 13 | 10 | 285 | 17 | 91 | 116 | 14 | 4 | 35 |
| 188 | 8 | 78 | 74 | 139 | 97 | 52 | 56 |  |  |  |  |  | 160 | 36 |
| 871 | 2,376 | 11,030 | 10,748 | 8,474 | 3,137 | 4,940 | 1,306 | 2,673 | 1,941 | 2,900 | 2,718 | 128 | 2,033 | 37 |
| 25,897 | 4,741 | 5,273 | 2,334 | 4,044 | 706 | 407 | 282 | 795 | 1,398 | 1,088 | 2,334 | 1,007 | 2,360 | 38 |
|  | 1,161 |  | 3 | 6 |  |  |  |  |  |  |  |  |  | 39 |
|  |  | 2,388 |  | 88 | 284 | 1,937 | 205 | 349 | 474 | 490 | 145 | 722 | 272 | 40 |
| 38 | 6 | 845 | 691 | 1,555 | 866 | 674 | 386 | 322 | 303 | 389 | 368 | 807 | 1,215 | 41 |
| 648 | 207 | 2,104 | 948 | 4,779 | 835 | 818 | 298 | 420 | 909 | 524 | 592 | 267 | 746 | 42 |
|  |  |  | 57 |  | 1,509 | 2,531 | 115 |  | 133 | 215 | 42 |  | 49 | 43 |
|  |  |  |  |  |  | 913 |  |  |  |  |  |  |  | 44+45 |
| 15 |  |  |  |  |  | 16 | 254 |  | 15 | 8 |  |  |  | 46 |
| 863 | 18 | 407 | 1,130 | 298 | 78 | 168 | 47 | 1,732 | 241 | 213 | 468 | 55 | 185 | 47 |
| 98 |  |  | 3 |  |  |  |  |  | 2,128 |  |  |  |  | 48 |
| 509 |  | 147 | 92 | 23 | 387 | 1,383 | 815 | 343 | 818 | 3,081 | 459 | 27 | 685 | 49 |
| 372 | 54 | 347 | 1,117 | 670 | 1,125 | 1,432 | 391 | 1,204 | 1,423 | 1,458 | 2,408 | 187 | 975 | 50 |
|  |  |  |  |  |  |  |  |  |  | 35 |  | 16,116 |  | 51 |
|  |  | 14 |  | 1 |  |  |  | 4 | 1 |  |  |  | 2,851 | 52 |
| 269 | 1 | 104 | 34 | 409 | 977 | 362 | 403 | 851 | 1,404 | 1,538 | 91 | 2,360 | 2,114 | 53 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 54 |
| 57 |  | 2 | 8 | 4 |  | 14 |  | 10 |  | 5 |  | 117 | 245 | 55 |
|  |  |  |  |  |  |  |  |  |  |  |  | 909 |  | 56 |
|  |  |  |  |  |  |  |  | 4 | 56 | 69 | 105 | 31,102 | 2 | 57 |
|  |  | 1 |  | 6 | 283 | 262 | 44 | 47 | 33 | 26 | 32 | 19 |  | 58 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 59A |
| 13 | 1 | 15 | 5 | 7 | 3 | 73 | 2 | 9 | 4 | 6 | 5 | 9 | 6 | 59B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 60 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 61 |
| 6 |  | 136 |  | 4 |  |  |  | 13 |  | 17 |  | 6 | 634 | 62 |
| 5 | 1 | 9 | 6 | 7 | 2 | 4 | 1 | 6 | 4 | 5 | 11 | 23 | 5 | 63 |
| 2 |  | 10 | 2 | 2 |  | 17 | 12 | 4 | 1 |  |  | 2 | 28 | 64 |
| 657 | 55 | 199 | 165 | 186 | 23 | 78 | 18 | 48 | 45 | 50 | 64 | 102 | 63 | 65A |
| 2,445 | 259 | 940 | 656 | 907 | 381 | 693 | 141 | 372 | 292 | 326 | 302 | 210 | 341 | 65B |
| 40 | 3 | 7 | 9 | 15 | 1 | 5 | 1 | 3 | 2 | 2 | 3 | 3 | 3 | 65C |
| 294 | 40 | 196 | 148 | 235 | 115 | 183 | 52 | 142 | 139 | 160 | 131 | 612 | 157 | 65D |
| 3 | 1 | 2 | 2 | 2 | 2 | 2 | (*) | 1 | 1 | 1 | 2 | 5 | 2 | 65E |
| 150 | 23 | 185 | 100 | 240 | 50 | 133 | 40 | 149 | 151 | 171 | 107 | 477 | 110 | 66 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 67 |
| 2,034 | 152 | 429 | 516 | 844 | 158 | 313 | 58 | 318 | 213 | 345 | 376 | 532 | 238 | 68A |
| 492 | 60 | 200 | 166 | 367 | 47 | 119 | 26 | 89 | 63 | 108 | 109 | 72 | 77 | 68B |
| 206 | 19 | 55 | 588 | 143 | 28 | 39 | 4 | 24 | 20 | 40 | 29 | 65 | 106 | 68C |
| 7,322 | 1,088 | 4,102 | 2,951 | 4,140 | 1,264 | 3,278 | 1,187 | 1,757 | 2,491 | 2,497 | 1,415 | 13,008 | 2,542 | 69A |
| 16 | 6 | 45 | 29 | 55 | 7 | 16 | 4 | 10 | 11 | 16 | 11 | 35 | 28 | 69B |
| 473 | 88 | 389 | 353 | 467 | 147 | 314 | 71 | 219 | 197 | 247 | 246 | 896 | 272 | 70A |
| 187 | 31 | 141 | 113 | 167 | 51 | 115 | 33 | 85 | 69 | 92 | 86 | 261 | 90 | 70B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 71A |
| 390 | 61 | 583 | 356 | 574 | 100 | 162 | 70 | 315 | 311 | 215 | 445 | 1,390 | 158 | 71B |
| 211 | 41 | 171 | 126 | 197 | 66 | 130 | 31 | 98 | 90 | 107 | 103 | 338 | 102 | 72A |
| 165 | 28 | 55 | 106 | 115 | 31 | 56 | 8 | 33 | 26 | 53 | 39 | 61 | 39 | 72B |
| 256 | 41 | 141 | 190 | 256 | 90 | 154 | 19 | 87 | 66 | 117 | 74 | 1,181 | 129 | 73A |
| 203 | 44 | 257 | 371 | 417 | 54 | 303 | 88 | 251 | 263 | 245 | 268 | 1,014 | 197 | 73B |
| 1,062 | 164 | 1,470 | 980 | 1,252 | 296 | 603 | 143 | 497 | 420 | 592 | 748 | 1,523 | 422 | 73C |
| 147 | 35 | 321 | 346 | 609 | 50 | 350 | 77 | 239 | 245 | 355 | 310 | 1,172 | 298 | 73D |
| 233 | 42 | 201 | 151 | 230 | 73 | 149 | 35 | 127 | 111 | 131 | 115 | 325 | 118 | 74 |
| 393 | 71 | 186 | 233 | 329 | 76 | 158 | 28 | 118 | 84 | 151 | 120 | 259 | 115 | 75 |
| 21 | 9 | 11 | 21 | 12 | 8 | 22 | 1 | 5 | 10 | 7 | 17 | 75 | 18 | 76 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 77A |
| 88 | 25 | 75 | 135 | 75 | 23 | 33 | 6 | 32 | 20 | 31 | 31 | 180 | 86 | 77B |
| 36 | 1 | 40 | 32 | 47 | 12 | 47 | 9 | 21 | 35 | 28 | 14 | 28 | 6 | 78 |
| 28 | 4 | 21 | 11 | 31 | 7 | 10 | 5 | 13 | 7 | 13 | 15 | 17 | 9 | 79 |
| 190 | 3 | 103 | 51 | 79 | 29 | 127 | 38 | 33 | 105 | 144 | 69 | 5,459 | 34 | 80 |
| 3,235 |  | 107 |  | 38 |  |  |  |  |  | 3 | 11 | 3 |  | 81 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 82 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 83 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 84 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | 85 |
| 57,927 | 11,688 | 36,266 | 27,736 | 37,770 | 14,042 | 26,268 | 7,136 | 15,323 | 18,157 | 20,329 | 15,868 | 86,124 | 22,418 | I |
| 24,107 | 1,380 | 28,951 | 18,918 | 35,059 | 9,158 | 21,282 | 4,713 | 20,531 | 15,049 | 19,747 | 22,777 | 12,542 | 15,321 | VA |
| 82,034 | 13,068 | 65,218 | 46,655 | 72,829 | 23,200 | 47,550 | 11,849 | 35,854 | 33,207 | 40,076 | 38,645 | 98,666 | 37,739 | T |

## Table 2.—The Use of Commodities
[Millions of dollars

| Commodity number | For the distribution of output of a commodity, read the row for that commodity. For the composition of inputs to an industry, read the column for that industry | Electrical industrial equipment and apparatus | Household appliances | Electric lighting and wiring equipment | Audio, video, and communication equipment | Electronic components and accessories | Miscellaneous electrical machinery and supplies | Motor vehicles (passenger cars and trucks) | Truck and bus bodies, trailers, and motor vehicles parts | Aircraft and parts | Other transportation equipment |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Industry number | 53 | 54 | 55 | 56 | 57 | 58 | 59A | 59B | 60 | 61 |
| 1 | Livestock and livestock products | | | | | | | | | | |
| 2 | Other agricultural products | | | | | | | 1 | 2 | 1 | |
| 3 | Forestry and fishery products | | | | | | | | | | |
| 4 | Agricultural, forestry, and fishery services | 26 | 10 | 10 | 25 | 139 | 26 | 33 | 44 | 59 | 18 |
| 5+6 | Metallic ores mining | 41 | | | 36 | | 10 | | 318 | 34 | |
| 7 | Coal mining | 1 | | | | 3 | | 17 | 24 | 9 | 5 |
| 8 | Crude petroleum and natural gas | | | | | | | | | | |
| 9+10 | Nonmetallic minerals mining | | 31 | | | 1 | | | | | |
| 11 | New construction, including own-account construction | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | 211 | 111 | 124 | 569 | 2,208 | 172 | 688 | 954 | 702 | 145 |
| 13 | Ordnance and accessories | | | | | | | | | | |
| 14 | Food and kindred products | | | | | | | | | 2 | |
| 15 | Tobacco products | | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | | 2 | | | | | 175 | | 81 | |
| 17 | Miscellaneous textile goods and floor coverings | 2 | | | 1 | | | 1,383 | 87 | 14 | 73 |
| 18 | Apparel | | | | | 2 | | 6 | | 5 | |
| 19 | Miscellaneous fabricated textile products | | | | | | | 5,614 | 20 | 97 | 145 |
| 20+21 | Lumber and wood products | 35 | 12 | 2 | 3 | | | 5 | 219 | 17 | 781 |
| 22+23 | Furniture and fixtures | | 1 | | 796 | 14 | 1 | 4,698 | 73 | 43 | 26 |
| 24 | Paper and allied products, except containers | 184 | 267 | 137 | 288 | 274 | 52 | 43 | 100 | 18 | 11 |
| 25 | Paperboard containers and boxes | 107 | 199 | 316 | 167 | 200 | 333 | 20 | 524 | 10 | 5 |
| 26A | Newspapers and periodicals | 3 | | 2 | 7 | 18 | 5 | 6 | 6 | 4 | 1 |
| 26B | Other printing and publishing | 2 | 5 | 1 | 19 | 10 | 2 | 20 | 34 | 19 | 2 |
| 27A | Industrial and other chemicals | 58 | 150 | 50 | 13 | 1,691 | 195 | 918 | 507 | 49 | 17 |
| 27B | Agricultural fertilizers and chemicals | | | | | | | | | | |
| 28 | Plastics and synthetic materials | 111 | 522 | 561 | 216 | 329 | 370 | 9 | 705 | 256 | 136 |
| 29A | Drugs | | | | | | | | | | |
| 29B | Cleaning and toilet preparations | 23 | 17 | 30 | 23 | 11 | 4 | 8 | 6 | | |
| 30 | Paints and allied products | 93 | 162 | 10 | 23 | | | 2,091 | 654 | 134 | 180 |
| 31 | Petroleum refining and related products | 210 | 69 | 72 | 59 | 128 | 48 | 218 | 228 | 135 | 106 |
| 32 | Rubber and miscellaneous plastics products | 1,074 | 1,799 | 767 | 1,676 | 1,895 | 1,934 | 12,694 | 3,234 | 1,466 | 853 |
| 33+34 | Footwear, leather, and leather products | | | | | | | 1 | 1 | | |
| 35 | Glass and glass products | | 33 | 574 | 3 | 946 | | 1,873 | 81 | 14 | 217 |
| 36 | Stone and clay products | 1,111 | 104 | 185 | 14 | 92 | 19 | 250 | 401 | 206 | 22 |
| 37 | Primary iron and steel manufacturing | 1,779 | 1,383 | 878 | 372 | 644 | 526 | 346 | 10,478 | 703 | 2,086 |
| 38 | Primary nonferrous metals manufacturing | 2,081 | 945 | 1,364 | 1,026 | 3,196 | 1,430 | 60 | 9,540 | 2,227 | 529 |
| 39 | Metal containers | | | | | | | | | | |
| 40 | Heating, plumbing, and fabricated structural metal products | 191 | | | 502 | 425 | 110 | | 1,547 | 236 | 807 |
| 41 | Screw machine products and stampings | 749 | 622 | 729 | 886 | 1,200 | 298 | 17,424 | 5,408 | 747 | 281 |
| 42 | Other fabricated metal products | 222 | 369 | 466 | 494 | 4,035 | 520 | 3,379 | 1,747 | 1,376 | 640 |
| 43 | Engines and turbines | 383 | | | | | | 2,849 | 359 | | 1,816 |
| 44+45 | Farm, construction, and mining machinery | | | | | | | | | | 27 |
| 46 | Materials handling machinery and equipment | | | | | | | 11 | 10 | | 2 |
| 47 | Metalworking machinery and equipment | 91 | 41 | 70 | 66 | 258 | 64 | 236 | 329 | 929 | 63 |
| 48 | Special industry machinery and equipment | | | | | 111 | | | | | |
| 49 | General industrial machinery and equipment | 174 | 85 | | 28 | | 109 | 70 | 2,044 | 230 | 891 |
| 50 | Miscellaneous machinery, except electrical | 328 | 50 | 121 | 205 | 847 | 153 | 1,009 | 5,491 | 1,255 | 299 |
| 51 | Computer and office equipment | 11 | | | 322 | 1,175 | 137 | 3 | 4 | 79 | |
| 52 | Service industry machinery | 2 | 482 | 3 | 5 | 2 | | 2,849 | 317 | | 94 |
| 53 | Electrical industrial equipment and apparatus | 3,048 | 957 | 669 | 244 | 200 | 423 | 6 | 14 | 92 | 1,096 |
| 54 | Household appliances | | 24 | | | | | | | | 174 |
| 55 | Electric lighting and wiring equipment | 74 | 290 | 756 | 545 | 222 | 86 | 1,048 | 96 | | 116 |
| 56 | Audio, video, and communication equipment | | | | 2,996 | 204 | 42 | 1,584 | 1 | 629 | 13 |
| 57 | Electronic components and accessories | 879 | 212 | 187 | 21,982 | 27,583 | 2,796 | 5,768 | 4,410 | 1,385 | 2 |
| 58 | Miscellaneous electrical machinery and supplies | 15 | 1 | 1 | 338 | | 761 | 3,221 | 2,146 | 29 | 109 |
| 59A | Motor vehicles (passenger cars and trucks) | | | | | | | 321 | 890 | | 951 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | 3 | | 1 | 4 | 8 | 6 | 58,631 | 12,063 | 5 | 916 |
| 60 | Aircraft and parts | | | | | | | | | 16,612 | |
| 61 | Other transportation equipment | | | | | | | | | | 1,257 |
| 62 | Scientific and controlling instruments | 98 | 763 | | 429 | 598 | 142 | 1,758 | 6 | 6,609 | 168 |
| 63 | Ophthalmic and photographic equipment | 7 | 1 | 4 | 17 | 32 | 9 | 23 | 24 | 16 | 2 |
| 64 | Miscellaneous manufacturing | 3 | 16 | 53 | 1 | | 1 | 15 | 9 | 11 | 3 |
| 65A | Railroads and related services; passenger ground transportation | 101 | 48 | 44 | 97 | 279 | 51 | 601 | 382 | 106 | 77 |
| 65B | Motor freight transportation and warehousing | 311 | 295 | 271 | 281 | 549 | 282 | 3,006 | 1,666 | 421 | 455 |
| 65C | Water transportation | 8 | 4 | 2 | 2 | 15 | 2 | 17 | 17 | 5 | 2 |
| 65D | Air transportation | 155 | 89 | 85 | 360 | 558 | 107 | 1,308 | 655 | 707 | 145 |
| 65E | Pipelines, freight forwarders, and related services | 1 | 1 | 1 | 3 | 5 | 9 | 6 | 6 | 1 | |
| 66 | Communications, except radio and TV | 155 | 70 | 75 | 388 | 556 | 73 | 217 | 237 | 189 | 81 |
| 67 | Radio and TV broadcasting | | | | | | | | | | |
| 68A | Electric services (utilities) | 315 | 139 | 203 | 390 | 1,655 | 248 | 540 | 1,059 | 470 | 194 |
| 68B | Gas production and distribution (utilities) | 104 | 50 | 71 | 66 | 222 | 58 | 180 | 270 | 87 | 69 |
| 68C | Water and sanitary services | 35 | 9 | 25 | 35 | 154 | 75 | 107 | 380 | 125 | 44 |
| 69A | Wholesale trade | 2,810 | 1,506 | 1,750 | 5,680 | 8,603 | 2,316 | 15,660 | 8,706 | 2,937 | 2,043 |
| 69B | Retail trade | 31 | 39 | 47 | 45 | 44 | 26 | 60 | 62 | 14 | 13 |
| 70A | Finance | 309 | 138 | 159 | 641 | 1,096 | 210 | 1,273 | 944 | 714 | 216 |
| 70B | Insurance | 85 | 50 | 58 | 195 | 342 | 66 | 478 | 307 | 185 | 87 |
| 71A | Owner-occupied dwellings | | | | | | | | | | |
| 71B | Real estate and royalties | 256 | 66 | 240 | 757 | 1,401 | 185 | 460 | 430 | 291 | 428 |
| 72A | Hotels and lodging places | 102 | 58 | 68 | 237 | 399 | 74 | 542 | 349 | 242 | 93 |
| 72B | Personal and repair services (except auto) | 44 | 14 | 19 | 66 | 304 | 43 | 163 | 245 | 134 | 22 |
| 73A | Computer and data processing services, including own-account software | 85 | 27 | 71 | 390 | 797 | 69 | 151 | 391 | 595 | 89 |
| 73B | Legal, engineering, accounting, and related services | 148 | 65 | 127 | 674 | 1,895 | 87 | 1,428 | 756 | 663 | 195 |
| 73C | Other business and professional services, except medical | 586 | 225 | 326 | 1,184 | 3,119 | 581 | 1,564 | 1,706 | 1,394 | 418 |
| 73D | Advertising | 424 | 492 | 478 | 537 | 1,636 | 243 | 860 | 2,388 | 338 | 201 |
| 74 | Eating and drinking places | 123 | 67 | 85 | 253 | 420 | 97 | 553 | 379 | 253 | 113 |
| 75 | Automotive repair and services | 123 | 56 | 77 | 223 | 693 | 115 | 15,819 | 569 | 336 | 80 |
| 76 | Amusements | 8 | 7 | 6 | 43 | 80 | 6 | 104 | 87 | 46 | 6 |
| 77A | Health services | | | | | | | | | | |
| 77B | Educational and social services, and membership organizations | 34 | 38 | 15 | 118 | 319 | 45 | 997 | 413 | 293 | 32 |
| 78 | Federal Government enterprises | 28 | 41 | 16 | 94 | 58 | 15 | 125 | 187 | 70 | 12 |
| 79 | State and local government enterprises | 8 | 8 | 9 | 10 | 47 | 9 | 69 | 53 | 12 | 11 |
| 80 | Noncomparable imports | 285 | 45 | 282 | 607 | 434 | 445 | 647 | 512 | 140 | 30 |
| 81 | Scrap, used and secondhand goods | | | | | | 93 | | 29 | | |
| 82 | General government industry | | | | | | | | | | |
| 83 | Rest of the world adjustment to final uses | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | |
| I | Total intermediate inputs | 20,101 | 13,378 | 12,748 | 47,774 | 74,379 | 16,404 | 178,318 | 88,333 | 47,312 | 20,238 |
| VA | Value added | 17,439 | 6,262 | 11,033 | 28,519 | 50,383 | 10,124 | 22,313 | 33,378 | 42,456 | 17,754 |
| T | **Total industry output** | **37,539** | **19,641** | **23,782** | **76,293** | **124,761** | **26,528** | **200,631** | **121,710** | **89,767** | **37,991** |

**by Industries, 1996**—Continued

at producers' prices]

| Scientific and controlling instruments | Ophthalmic and photographic equipment | Miscellaneous manufacturing | Railroads and related services; passenger ground transportation | Motor freight transportation and warehousing | Water transportation | Air transportation | Pipelines, freight forwarders, and related services | Communications, except radio and TV | Radio and TV broadcasting | Electric services (utilities) | Gas production and distribution (utilities) | Water and sanitary services | Wholesale trade | Commodity number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 62 | 63 | 64 | 65A | 65B | 65C | 65D | 65E | 66 | 67 | 68A | 68B | 68C | 69A | |
| | | 6 | | | | | | | | | | | | 1 |
| | | 37 | | 1 | 3 | 1 | | 1 | | 1 | 1 | | 106 | 2 |
| | | 26 | | | 3 | | | | | | | | | 3 |
| 64 | 10 | 10 | 1 | 3 | | | | 67 | 6 | 21 | | | 445 | 4 |
| 15 | | 12 | | | | | | | | | | | | 5+6 |
| 28 | 15 | 2 | | 6 | | | | | | 13,607 | | | 9 | 7 |
| | | | | | | | 173 | | | 10 | 46,189 | | 10 | 8 |
| | | 5 | | | | | | | | | | | 8 | 9+10 |
| | | | | | | | | | | | | | | 11 |
| 758 | 171 | 206 | 3,294 | 1,053 | 43 | 241 | 562 | 11,384 | 310 | 13,316 | 8,093 | 2,034 | 3,677 | 12 |
| | | | | | | | | 4 | | | | | | 13 |
| 35 | | 67 | | | | 73 | 209 | | | | | | 878 | 14 |
| | | | | | | | | | | | | | | 15 |
| 339 | | 511 | | | | | 1 | | | | | | 113 | 16 |
| 665 | 1 | 35 | | 12 | 14 | | | 2 | | | | | 73 | 17 |
| 20 | | 187 | 28 | 3 | 63 | 8 | | 131 | | 2 | | | 502 | 18 |
| 1 | | 39 | | 11 | 96 | 6 | 85 | 5 | | | | | 287 | 19 |
| 105 | | 668 | | 51 | 12 | 3 | 220 | 36 | 2 | 11 | 4 | 245 | 2,891 | 20+21 |
| 45 | | 39 | | | | | | | | | | | | 22+23 |
| 424 | 731 | 296 | 28 | 73 | | 37 | 20 | 266 | 15 | 70 | 21 | 10 | 3,011 | 24 |
| 540 | 252 | 814 | 6 | 144 | | 3 | 101 | 137 | 6 | 19 | 6 | 3 | 4,777 | 25 |
| 11 | 11 | 7 | 16 | 51 | 36 | 20 | 20 | 122 | 9 | 10 | 1 | 4 | 399 | 26A |
| 51 | 3 | 43 | 191 | 418 | 26 | 137 | 221 | 1,010 | 11 | 92 | 15 | 4 | 7,904 | 26B |
| 171 | 450 | 452 | 130 | 136 | 12 | 9 | 9 | 18 | 17 | 345 | 3 | 542 | 428 | 27A |
| | | | | | | | | | | | | | 575 | 27B |
| 548 | 302 | 1,116 | | | | 8 | | | | | | | 8 | 28 |
| | | | | | | | | 6 | | | | | 55 | 29A |
| 32 | 13 | 37 | | 2 | | 3 | | 33 | | 3 | 5 | | 623 | 29B |
| 43 | | 254 | | 67 | 33 | 4 | | 85 | | | 2 | | 22 | 30 |
| 146 | 41 | 186 | 3,850 | 9,376 | 623 | 10,334 | 219 | 293 | 35 | 2,049 | 266 | 742 | 4,537 | 31 |
| 2,655 | 610 | 1,721 | 321 | 2,445 | 112 | 31 | 178 | 693 | 5 | 181 | 11 | 215 | 3,596 | 32 |
| | | 42 | 1 | | | 1 | 1 | 2 | | 1 | 1 | | 6 | 33+34 |
| 525 | 163 | 24 | 86 | 5 | 9 | | 14 | 33 | | 8 | | 21 | 208 | 35 |
| 127 | 10 | 130 | 2 | 9 | 2 | 1 | 4 | | | 5 | | 33 | 167 | 36 |
| 1,100 | 43 | 930 | 502 | | | 3 | | | | | 2 | | 125 | 37 |
| 1,674 | 125 | 2,126 | 1 | 6 | 45 | | | 23 | | 121 | | 1 | 564 | 38 |
| 20 | | | | | | | | | | | | | 555 | 39 |
| 905 | 10 | 151 | | 12 | | | | | | 1 | | | 169 | 40 |
| 1,672 | 226 | 158 | 9 | | 2 | | 50 | 535 | | 48 | | | 3 | 41 |
| 1,866 | 64 | 539 | 347 | 587 | 272 | 85 | 110 | 409 | 3 | 41 | 11 | 100 | 761 | 42 |
| | | 2 | 250 | 98 | 330 | 38 | | 418 | | 660 | | | 27 | 43 |
| | | | | | | | | | | | | | 96 | 44+45 |
| | | | | 6 | | | | | | 19 | | | 772 | 46 |
| 179 | 34 | 114 | 100 | 30 | 187 | 34 | | 8 | 1 | 97 | 25 | 4 | 285 | 47 |
| | | | | 2 | | | | | | | | | 85 | 48 |
| 84 | 5 | 24 | 431 | 68 | 424 | 6 | 156 | 582 | | 76 | 3 | 3 | 64 | 49 |
| 608 | 120 | 414 | 156 | 92 | 139 | 167 | 63 | 31 | 8 | 280 | 8 | 20 | 1,170 | 50 |
| 1,438 | 8 | 16 | 5 | | | 4 | 30 | 507 | 31 | 13 | 111 | | 553 | 51 |
| 3 | 1 | 4 | 11 | 11 | | 4 | 5 | 5 | | 1 | 1 | 9 | 253 | 52 |
| 1,552 | 118 | 213 | 445 | 300 | 14 | 20 | 38 | 552 | 46 | 247 | | | 140 | 53 |
| | | | | | 3 | | | | | | | | (*) | 54 |
| 338 | 5 | 15 | 27 | 58 | | 7 | | 152 | | 132 | 1 | 23 | 242 | 55 |
| 769 | | 6 | 7 | | | 1 | 12 | 5,043 | 47 | | | | 254 | 56 |
| 11,574 | 708 | 265 | 28 | | | 188 | | 5,719 | 221 | | | | 7,358 | 57 |
| 48 | 3 | 15 | 106 | 240 | 33 | 48 | 102 | 256 | 11 | 124 | 27 | 35 | 517 | 58 |
| | | | | | | | | | | | | | | 59A |
| 8 | 5 | 6 | 506 | 808 | 1 | 17 | 37 | 51 | 4 | 14 | 10 | 1,016 | 1,400 | 59B |
| | | | | | | 3,373 | | | | | | | | 60 |
| | | | 1,306 | 16 | 490 | | 3 | | | | | | | 61 |
| 3,891 | 166 | | | 29 | 4 | 24 | | 39 | 7 | 124 | 19 | 744 | 82 | 62 |
| 26 | 936 | 11 | 12 | 76 | 7 | 20 | 36 | 119 | 28 | 8 | 7 | 7 | 825 | 63 |
| 9 | 1 | 2,953 | 14 | 37 | 53 | 37 | 32 | 116 | 4 | 28 | 6 | 4 | 618 | 64 |
| 139 | 75 | 107 | 2,962 | 446 | 17 | 154 | 38 | 290 | 29 | 5,358 | 53 | 40 | 860 | 65A |
| 531 | 165 | 526 | 500 | 39,356 | 88 | 277 | 244 | 380 | 56 | 691 | 55 | 121 | 3,093 | 65B |
| 7 | 7 | 9 | 20 | 1,139 | 6,713 | 52 | 55 | 26 | (*) | 562 | 8 | 5 | 66 | 65C |
| 460 | 81 | 149 | 269 | 1,843 | 61 | 7,200 | 259 | 981 | 89 | 449 | 345 | 62 | 4,003 | 65D |
| 5 | 1 | 2 | 520 | 6,608 | 1,630 | 10,099 | 976 | 15 | 1 | 24 | 968 | 9 | 425 | 65E |
| 608 | 128 | 159 | 491 | 2,490 | 43 | 1,236 | 1,207 | 40,791 | 676 | 354 | 64 | 492 | 14,655 | 66 |
| | | | | | | | | 165 | 1,032 | | | | | 67 |
| 764 | 133 | 293 | 103 | 1,258 | 142 | 278 | 481 | 1,040 | 205 | 24 | 160 | 110 | 5,999 | 68A |
| 102 | 57 | 111 | 1 | 145 | 9 | 16 | 5 | 124 | 6 | 6,131 | 23,860 | 534 | 1,606 | 68B |
| 75 | 25 | 33 | 144 | 2,802 | 39 | 144 | 44 | 360 | 58 | 246 | 30 | 1,581 | 1,385 | 68C |
| 5,551 | 1,376 | 4,017 | 2,273 | 6,283 | 472 | 1,833 | 374 | 3,011 | 109 | 993 | 632 | 672 | 23,021 | 69A |
| 67 | 20 | 69 | 248 | 993 | 15 | 45 | 35 | 105 | 11 | 48 | 33 | 193 | 1,992 | 69B |
| 887 | 211 | 315 | 796 | 1,640 | 952 | 1,636 | 1,059 | 3,038 | 311 | 2,876 | 836 | 162 | 8,307 | 70A |
| 279 | 61 | 122 | 392 | 2,423 | 88 | 382 | 298 | 925 | 403 | 554 | 226 | 277 | 2,823 | 70B |
| | | | | | | | | | | | | | | 71A |
| 1,044 | 126 | 484 | 759 | 4,372 | 895 | 1,538 | 849 | 4,888 | 931 | 1,573 | 277 | 68 | 23,336 | 71B |
| 326 | 69 | 115 | 161 | 738 | 47 | 306 | 116 | 874 | 88 | 417 | 124 | 48 | 2,776 | 72A |
| 86 | 16 | 38 | 53 | 129 | 34 | 404 | 96 | 2,273 | 191 | 105 | 3 | 80 | 1,944 | 72B |
| 457 | 74 | 71 | 1,018 | 485 | 166 | 2,451 | 3,723 | 3,497 | 463 | 1,926 | 273 | 34 | 8,289 | 73A |
| 1,297 | 60 | 268 | 499 | 1,146 | 683 | 1,110 | 2,201 | 9,606 | 517 | 1,808 | 2,285 | 781 | 9,917 | 73B |
| 2,803 | 596 | 760 | 1,670 | 5,326 | 3,386 | 1,909 | 1,485 | 6,810 | 1,130 | 2,564 | 706 | 298 | 42,145 | 73C |
| 1,772 | 341 | 1,665 | 270 | 430 | 1,221 | 1,489 | 1,095 | 4,788 | 1,014 | 149 | 23 | 1 | 19,831 | 73D |
| 378 | 78 | 151 | 224 | 733 | 49 | 2,086 | 122 | 869 | 88 | 516 | 135 | 51 | 2,809 | 74 |
| 300 | 64 | 134 | 827 | 12,061 | 18 | 176 | 248 | 1,778 | 188 | 261 | 171 | 49 | 6,781 | 75 |
| 56 | 14 | 19 | 25 | 138 | 17 | 87 | 28 | 4,239 | 17,582 | 92 | 51 | 9 | 1,137 | 76 |
| | | | | 79 | | | | | | | | | | 77A |
| 271 | 109 | 178 | 292 | 106 | 177 | 81 | 407 | 663 | 384 | 1,174 | 59 | 14 | 1,670 | 77B |
| 116 | 17 | 99 | 66 | 289 | 12 | 80 | 160 | 945 | 41 | 496 | 111 | 36 | 4,710 | 78 |
| 33 | 4 | 17 | 118 | 350 | | 25 | 13 | 64 | 11 | 25 | 7 | | 450 | 79 |
| 331 | 242 | 105 | 247 | 883 | 3,449 | 8,774 | 349 | 8,447 | | 41 | 77 | 3 | 5,985 | 80 |
| | | 1 | | 6 | | | | | | | | | 1 | 81 |
| | | | | | | | | | | | | | | 82 |
| | | | | | | | | | | | | | | 83 |
| | | | | | | | | | | | | | | 84 |
| | | | | | | | | | | | | | | 85 |
| 53,855 | 9,511 | 24,947 | 27,154 | 111,032 | 23,611 | 59,000 | 18,461 | 129,884 | 26,440 | 61,241 | 86,419 | 11,552 | 252,246 | I |
| 66,270 | 15,147 | 26,057 | 41,541 | 101,456 | 11,215 | 59,315 | 23,192 | 161,972 | 13,048 | 138,344 | 20,192 | 11,605 | 517,587 | VA |
| **120,125** | **24,657** | **51,004** | **68,695** | **212,488** | **34,825** | **118,316** | **41,653** | **291,856** | **39,488** | **199,585** | **106,611** | **23,158** | **769,833** | T |

### Table 2.—The Use of Commodities
[Millions of dollars

| Commodity number | For the distribution of output of a commodity, read the row for that commodity — For the composition of inputs to an industry, read the column for that industry | Retail trade | Finance | Insurance | Owner-occupied dwellings | Real estate and royalties | Hotels and lodging places | Personal and repair services (except auto) | Computer and data processing services, including own-account software | Legal, engineering, accounting, and related services | Other business and professional services, except medical | Advertising |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Industry number | 69B | 70A | 70B | 71A | 71B | 72A | 72B | 73A | 73B | 73C | 73D |
| 1 | Livestock and livestock products | | | | | | | | | | 99 | |
| 2 | Other agricultural products | 2 | 4 | 2 | | 30 | 6 | | 4 | 7 | 3 | |
| 3 | Forestry and fishery products | | | | | | 4 | | | | | |
| 4 | Agricultural, forestry, and fishery services | 793 | 160 | 83 | 4,962 | 4,102 | 339 | 59 | 129 | 160 | 162 | 14 |
| 5+6 | Metallic ores mining | | | | | | | | | | | |
| 7 | Coal mining | 5 | 2 | | | 4 | 2 | 3 | | 1 | 1 | |
| 8 | Crude petroleum and natural gas | | | | | | | | | | | |
| 9+10 | Nonmetallic minerals mining | 1 | | | | | | 4 | | | | |
| 11 | New construction, including own-account construction | | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | 6,888 | 1,553 | 800 | 26,203 | 38,238 | 2,006 | 658 | 682 | 483 | 1,352 | 70 |
| 13 | Ordnance and accessories | | | | | | | | | | 116 | |
| 14 | Food and kindred products | 173 | | | | | 188 | | | | 28 | |
| 15 | Tobacco products | | | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | 72 | | | | | 8 | 170 | | | 8 | |
| 17 | Miscellaneous textile goods and floor coverings | 59 | 1 | | | 1 | 17 | 45 | | 2 | 10 | |
| 18 | Apparel | 36 | | | | | 54 | 459 | | | 125 | |
| 19 | Miscellaneous fabricated textile products | 38 | 141 | 24 | | 13 | 587 | 315 | | | 8 | 17 |
| 20+21 | Lumber and wood products | 180 | 120 | 76 | | 70 | 19 | 67 | 50 | 116 | 160 | 7 |
| 22+23 | Furniture and fixtures | 1 | | | | 2 | | | 2 | 2 | 1 | |
| 24 | Paper and allied products, except containers | 5,153 | 1,196 | 420 | | 623 | 216 | 446 | 1,977 | 765 | 1,785 | 78 |
| 25 | Paperboard containers and boxes | 1,125 | 162 | 61 | | 94 | 145 | 72 | 54 | 114 | 889 | 9 |
| 26A | Newspapers and periodicals | 140 | 360 | 41 | | 28 | 58 | 39 | 69 | 168 | 209 | 7 |
| 26B | Other printing and publishing | 639 | 3,691 | 1,745 | | 739 | 153 | 1,001 | 1,937 | 2,201 | 2,782 | 2,332 |
| 27A | Industrial and other chemicals | 46 | 58 | 24 | 2 | 51 | 13 | 188 | 20 | 53 | 1,817 | 3 |
| 27B | Agricultural fertilizers and chemicals | 31 | | | 508 | 198 | 157 | | | | | |
| 28 | Plastics and synthetic materials | 15 | | | | | | 16 | | | | |
| 29A | Drugs | | | | | | | | | | | |
| 29B | Cleaning and toilet preparations | 185 | 24 | 6 | | 59 | 76 | 1,222 | 7 | 31 | 558 | |
| 30 | Paints and allied products | 36 | 1 | 48 | | 28 | 1 | 11 | | 3 | 77 | |
| 31 | Petroleum refining and related products | 3,269 | 470 | 138 | | 609 | 203 | 420 | 195 | 234 | 1,905 | 17 |
| 32 | Rubber and miscellaneous plastics products | 2,338 | 151 | 375 | 70 | 466 | 287 | 474 | 409 | 282 | 1,522 | 33 |
| 33+34 | Footwear, leather, and leather products | 198 | 10 | 4 | | 5 | 4 | 342 | 4 | 23 | 64 | |
| 35 | Glass and glass products | 24 | 33 | 15 | | 7 | 283 | 5 | 8 | 170 | 395 | |
| 36 | Stone and clay products | 33 | 14 | | | 526 | 56 | 12 | | 31 | 116 | |
| 37 | Primary iron and steel manufacturing | 15 | 2 | 1 | | | | 10 | | 4 | 116 | |
| 38 | Primary nonferrous metals manufacturing | 5 | | 20 | | 11 | | 95 | | | 30 | |
| 39 | Metal containers | | | | | | | | | | 40 | |
| 40 | Heating, plumbing, and fabricated structural metal products | 40 | | | 163 | 100 | | 8 | | | | |
| 41 | Screw machine products and stampings | 7 | | | | | 6 | 108 | | | 143 | |
| 42 | Other fabricated metal products | 810 | 325 | 254 | | 233 | 49 | 286 | 91 | 217 | 490 | 13 |
| 43 | Engines and turbines | 222 | 5 | | | | | 5 | | | 205 | |
| 44+45 | Farm, construction, and mining machinery | | | | 242 | | | | | | 120 | |
| 46 | Materials handling machinery and equipment | 20 | | | | | | | | | 248 | |
| 47 | Metalworking machinery and equipment | 68 | 4 | | | 5 | 1 | 17 | 9 | 15 | 850 | |
| 48 | Special industry machinery and equipment | 53 | | | | 4 | | 61 | 5 | 6 | 777 | |
| 49 | General industrial machinery and equipment | 14 | 34 | | | 15 | | 47 | | | 622 | |
| 50 | Miscellaneous machinery, except electrical | 356 | 25 | 1 | | 10 | 12 | 137 | 47 | 114 | 718 | 8 |
| 51 | Computer and office equipment | 180 | 428 | 317 | | 77 | 14 | 723 | 15,706 | 577 | 785 | 69 |
| 52 | Service industry machinery | 140 | 2 | 1 | | 3 | 9 | 367 | 2 | 5 | 186 | 3 |
| 53 | Electrical industrial equipment and apparatus | 48 | 23 | 5 | | 6 | 16 | 72 | 303 | 5 | 1,490 | 2 |
| 54 | Household appliances | 8 | 1 | | | 57 | 16 | 1,444 | | | 6 | |
| 55 | Electric lighting and wiring equipment | 296 | 26 | 21 | | 39 | 17 | 25 | 2 | 6 | 251 | 4 |
| 56 | Audio, video, and communication equipment | 53 | 63 | 4 | | 4 | 6 | 15 | 13 | 54 | 44 | 3 |
| 57 | Electronic components and accessories | 241 | 69 | 1 | | 1 | | 1,093 | 9,651 | 23 | 1,247 | 1 |
| 58 | Miscellaneous electrical machinery and supplies | 395 | 285 | 232 | | 53 | 16 | 65 | 925 | 438 | 531 | 19 |
| 59A | Motor vehicles (passenger cars and trucks) | | | | | | | | | | | |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | 2,179 | 84 | 67 | | 76 | 40 | 94 | 38 | 39 | 744 | 32 |
| 60 | Aircraft and parts | | | | | | | | | | | |
| 61 | Other transportation equipment | 2 | 2 | 8 | | 3 | | | | | 458 | |
| 62 | Scientific and controlling instruments | 90 | 2 | 107 | | 63 | 8 | 98 | 137 | 52 | 247 | 2 |
| 63 | Ophthalmic and photographic equipment | 248 | 560 | 369 | | 166 | 31 | 1,045 | 245 | 609 | 1,219 | 42 |
| 64 | Miscellaneous manufacturing | 444 | 560 | 145 | | 141 | 75 | 1,620 | 168 | 277 | 743 | 35 |
| 65A | Railroads and related services; passenger ground transportation | 632 | 491 | 405 | 8 | 536 | 77 | 102 | 221 | 230 | 884 | 29 |
| 65B | Motor freight transportation and warehousing | 1,950 | 4,616 | 1,035 | 23 | 672 | 338 | 607 | 411 | 833 | 2,176 | 59 |
| 65C | Water transportation | 27 | 4 | 2 | 5 | 2 | 3 | 2 | 2 | | 27 | |
| 65D | Air transportation | 2,093 | 1,656 | 1,182 | 1 | 1,487 | 334 | 330 | 905 | 1,091 | 2,433 | 88 |
| 65E | Pipelines, freight forwarders, and related services | 57 | 22 | 16 | | 24 | 1,037 | 8 | 10 | 12 | 46 | 1 |
| 66 | Communications, except radio and TV | 7,165 | 8,313 | 5,321 | | 4,817 | 905 | 1,469 | 5,262 | 4,027 | 6,753 | 423 |
| 67 | Radio and TV broadcasting | | | | | | | | | | | 257 |
| 68A | Electric services (utilities) | 13,534 | 2,082 | 395 | | 6,561 | 2,704 | 1,292 | 716 | 1,232 | 1,639 | 133 |
| 68B | Gas production and distribution (utilities) | 1,081 | 568 | 50 | | 1,137 | 454 | 458 | 58 | 152 | 406 | 9 |
| 68C | Water and sanitary services | 2,124 | 1,247 | 151 | | 4,389 | 998 | 576 | 90 | 154 | 405 | 4 |
| 69A | Wholesale trade | 3,462 | 2,038 | 786 | 222 | 983 | 544 | 2,518 | 5,548 | 1,529 | 5,187 | 374 |
| 69B | Retail trade | 2,550 | 145 | 128 | | 300 | 118 | 110 | 57 | 69 | 991 | 23 |
| 70A | Finance | 12,319 | 109,725 | 20,139 | 10,553 | 6,036 | 3,915 | 1,061 | 2,104 | 3,735 | 4,504 | 217 |
| 70B | Insurance | 2,604 | 2,170 | 84,453 | 3,796 | 1,396 | 213 | 341 | 314 | 593 | 1,387 | 74 |
| 71A | Owner-occupied dwellings | | | | | | | | | | | |
| 71B | Real estate and royalties | 45,429 | 16,824 | 9,563 | 18,753 | 41,782 | 4,278 | 6,151 | 18,142 | 15,625 | 11,556 | 185 |
| 72A | Hotels and lodging places | 2,088 | 1,438 | 1,210 | | 1,572 | 308 | 266 | 607 | 1,374 | 2,091 | 83 |
| 72B | Personal and repair services (except auto) | 2,168 | 510 | 215 | | 1,337 | 535 | 4,931 | 449 | 256 | 917 | 39 |
| 73A | Computer and data processing services, including own-account software | 4,484 | 12,353 | 1,937 | | 616 | 402 | 548 | 21,171 | 5,087 | 5,839 | 171 |
| 73B | Legal, engineering, accounting, and related services | 5,450 | 15,940 | 8,888 | 2,651 | 11,091 | 664 | 4,119 | 3,483 | 23,846 | 9,142 | 1,657 |
| 73C | Other business and professional services, except medical | 28,336 | 23,777 | 12,736 | 2,164 | 19,090 | 6,617 | 3,436 | 10,002 | 29,904 | 28,695 | 2,936 |
| 73D | Advertising | 33,919 | 9,940 | 3,212 | | 6,111 | 1,310 | 2,724 | 2,145 | 1,043 | 3,936 | 224 |
| 74 | Eating and drinking places | 2,678 | 1,417 | 1,213 | | 1,557 | 419 | 312 | 691 | 795 | 2,365 | 83 |
| 75 | Automotive repair and services | 4,214 | 1,397 | 4,939 | | 5,269 | 477 | 618 | 1,527 | 1,366 | 3,177 | 426 |
| 76 | Amusements | 699 | 386 | 250 | | 306 | 55 | 68 | 143 | 183 | 933 | 873 |
| 77A | Health services | | | | | | | | | | 3 | |
| 77B | Educational and social services, and membership organizations | 678 | 1,216 | 425 | | 622 | 151 | 411 | 3,026 | 1,360 | 1,695 | 90 |
| 78 | Federal Government enterprises | 3,770 | 15,930 | 2,061 | | 1,821 | 329 | 593 | 1,369 | 2,655 | 2,779 | 194 |
| 79 | State and local government enterprises | 461 | 181 | 33 | | 555 | 130 | 84 | 31 | 86 | 127 | 8 |
| 80 | Noncomparable imports | 123 | 5,950 | 1,145 | | | 128 | 34 | 848 | 736 | 1,971 | 62 |
| 81 | Scrap, used and secondhand goods | 1 | | 1 | | 1 | | 1 | | | 1 | |
| 82 | General government industry | | | | | | | | | | | |
| 83 | Rest of the world adjustment to final uses | | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | | |
| I | Total intermediate inputs | 211,501 | 250,982 | 167,302 | 70,547 | 167,029 | 32,641 | 46,632 | 112,219 | 105,259 | 128,567 | 11,540 |
| VA | Value added | 472,213 | 350,777 | 135,940 | 491,000 | 514,667 | 40,573 | 68,252 | 139,549 | 212,555 | 359,642 | 27,526 |
| T | **Total industry output** | **683,714** | **601,756** | **303,241** | **561,548** | **681,696** | **73,214** | **114,884** | **251,768** | **317,815** | **488,209** | **39,066** |

## by Industries, 1996—Continued

at producers' prices]

| Eating and drinking places | Automotive repair and services | Amusements | Health services | Educational and social services, and membership organizations | Federal Government enterprises | State and local government enterprises | General government industry | Household industry | Inventory valuation adjustment | Total intermediate use | Commodity number |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 74 | 75 | 76 | 77A | 77B | 78 | 79 | 82 | 84 | 85 | | |
| 437 | | 70 | 80 | 135 | | | | | | 93,913 | 1 |
| 2,264 | 3 | 260 | 246 | 160 | 23 | | | | | 93,416 | 2 |
| 2,438 | | 11 | 46 | | 21 | | | | | 16,650 | 3 |
| 246 | 84 | 329 | 1,212 | 488 | 6 | 409 | | | | 36,303 | 4 |
| | | | | | | | | | | 9,048 | 5+6 |
| 5 | 2 | 1 | 6 | 3 | 644 | 996 | | | | 20,265 | 7 |
| | | | | | | 817 | | | | 174,136 | 8 |
| | | | | 3 | | 67 | | | | 14,097 | 9+10 |
| | | | | | | | | | | 236 | 11 |
| 2,578 | 790 | 1,500 | 3,971 | 10,737 | 1,962 | 20,751 | | | | 197,071 | 12 |
| | | 30 | | | | | | | | 690 | 13 |
| 66,958 | | 967 | 4,913 | 3,227 | 601 | | | | | 178,591 | 14 |
| | | | | | | | | | | 2,667 | 15 |
| | | 111 | 42 | 42 | 13 | 10 | | | | 40,823 | 16 |
| 47 | 72 | 14 | 66 | 12 | 15 | 12 | | | | 11,669 | 17 |
| 9 | 53 | 151 | 702 | 113 | 2 | 39 | | | | 19,080 | 18 |
| 201 | 193 | 64 | 832 | 110 | 221 | 2 | | | | 13,058 | 19 |
| 52 | 20 | 129 | 217 | 417 | | | | | | 105,766 | 20+21 |
| | 330 | 1 | 3 | 1 | 582 | | | | | 8,630 | 22+23 |
| 1,000 | 243 | 291 | 2,583 | 1,430 | 168 | 51 | | | | 99,029 | 24 |
| 1,072 | 126 | 132 | 960 | 384 | 207 | | | | | 37,680 | 25 |
| 31 | 53 | 90 | 449 | 1,094 | 9 | 8 | | | | 5,314 | 26A |
| 883 | 122 | 369 | 3,165 | 11,691 | 828 | 180 | | | | 65,396 | 26B |
| 300 | 298 | 198 | 9,982 | 243 | 132 | 1,320 | | | | 118,689 | 27A |
| | | 210 | 49 | 62 | | 198 | | | | 20,084 | 27B |
| | | | 205 | | | | | | | 57,104 | 28 |
| | | 10 | 12,492 | 68 | | 3 | | | | 22,679 | 29A |
| 58 | 137 | 43 | 737 | 214 | 64 | 44 | | | | 10,533 | 29B |
| 5 | 446 | 56 | 3 | 67 | | | | | | 15,700 | 30 |
| 760 | 2,576 | 452 | 1,178 | 1,156 | 1,358 | 4,007 | | | | 98,762 | 31 |
| 2,453 | 4,204 | 226 | 8,173 | 943 | 26 | 123 | | | | 132,294 | 32 |
| 2 | 1 | 87 | 26 | 108 | 31 | | | | | 4,328 | 33+34 |
| 468 | 1,040 | 8 | 1,260 | 352 | 6 | 50 | | | | 20,512 | 35 |
| 419 | 39 | 3 | 440 | 13 | | 589 | | | | 58,800 | 36 |
| | | 1 | 3 | 29 | | | | | | 108,287 | 37 |
| 9 | 8 | 23 | 15 | 3 | 59 | | | | | 89,416 | 38 |
| | | | | | | | | | | 13,215 | 39 |
| | | 8 | | 3 | | 2 | | | | 57,650 | 40 |
| 71 | 2,140 | 31 | 402 | 93 | 48 | 3 | | | | 46,025 | 41 |
| 116 | 2,450 | 142 | 540 | 385 | 14 | 29 | | | | 67,639 | 42 |
| 3 | 1,261 | | 2 | 7 | 108 | 111 | | | | 14,149 | 43 |
| | | | 4 | | 9 | 147 | | | | 6,230 | 44+45 |
| | | | | | | | | | | 3,960 | 46 |
| 1 | 48 | 12 | 16 | 20 | 7 | 16 | | | | 12,808 | 47 |
| 273 | 47 | | 5 | 3 | | | | | | 7,209 | 48 |
| 342 | 35 | | 11 | | 25 | 16 | | | | 23,677 | 49 |
| 39 | 407 | 43 | 170 | 127 | 158 | 1,055 | | | | 34,863 | 50 |
| 21 | 14 | 48 | 1,574 | 91 | 6 | | | | | 41,314 | 51 |
| 51 | 1,263 | 100 | 132 | 55 | 24 | 477 | | | | 20,838 | 52 |
| 6 | 552 | 4 | 131 | 30 | | 627 | | | | 31,181 | 53 |
| 14 | | | 28 | 24 | | 12 | | | | 3,822 | 54 |
| 118 | 687 | 143 | 741 | 307 | 37 | 106 | | | | 22,093 | 55 |
| 20 | 11 | 15 | 87 | 75 | | 20 | | | | 16,525 | 56 |
| | 336 | 1 | 312 | 219 | | 42 | | | | 136,813 | 57 |
| 41 | 982 | 800 | 289 | 229 | 30 | 173 | | | | 17,541 | 58 |
| | 98 | | | | | | | | | 2,259 | 59A |
| 425 | 24,195 | 125 | 415 | 337 | 1,373 | 318 | | | | 108,729 | 59B |
| | 3 | | | | | | | | | 21,268 | 60 |
| | | 94 | | 12 | 22 | 136 | | | | 4,084 | 61 |
| 11 | 166 | 17 | 10,937 | 287 | 2 | 13 | | | | 33,142 | 62 |
| 22 | 56 | 81 | 1,449 | 527 | 22 | 12 | | | | 10,279 | 63 |
| 535 | 50 | 389 | 355 | 1,007 | 32 | 30 | | | | 14,804 | 64 |
| 585 | 368 | 152 | 954 | 331 | 765 | 649 | | | | 39,070 | 65A |
| 2,612 | 1,117 | 398 | 2,144 | 1,153 | 1,694 | 802 | | | | 143,460 | 65B |
| 18 | 20 | 5 | 39 | 37 | 1,796 | 519 | | | | 13,414 | 65C |
| 1,088 | 861 | 549 | 2,956 | 1,035 | 1,661 | 131 | | | | 51,919 | 65D |
| 18 | 334 | 11 | 35 | 28 | 16 | 47 | | | | 28,037 | 65E |
| 1,272 | 1,868 | 1,453 | 7,284 | 3,004 | 338 | 484 | | | | 137,388 | 66 |
| | | | | | | | | | | 1,454 | 67 |
| 6,331 | 1,581 | 2,733 | 7,961 | 2,669 | 446 | 3,862 | | | | 110,504 | 68A |
| 1,128 | 436 | 225 | 1,611 | 677 | 287 | 3,787 | | | | 69,485 | 68B |
| 1,896 | 555 | 416 | 2,120 | 895 | 580 | 1,282 | | | | 34,481 | 68C |
| 15,136 | 7,934 | 2,748 | 11,881 | 4,828 | 1,120 | 1,464 | | | | 387,051 | 69A |
| 466 | 1,404 | 175 | 524 | 431 | 21 | 23 | | | | 52,121 | 69B |
| 3,111 | 3,147 | 1,486 | 4,639 | 5,211 | 796 | 1,646 | | | | 248,812 | 70A |
| 631 | 977 | 429 | 3,710 | 971 | 274 | 230 | | | | 129,325 | 70B |
| | | | | | | | | | | | 71A |
| 15,340 | 9,617 | 10,355 | 44,623 | 29,673 | 1,237 | 2,324 | | | | 413,285 | 71B |
| 886 | 628 | 478 | 2,802 | 903 | 31 | 42 | | | | 33,466 | 72A |
| 850 | 2,119 | 476 | 1,691 | 645 | 22 | 119 | | | | 29,041 | 72B |
| 926 | 818 | 717 | 5,700 | 3,511 | 155 | 261 | | | | 100,383 | 73A |
| 2,642 | 1,447 | 3,824 | 11,246 | 4,316 | 282 | 3,494 | | | | 223,797 | 73B |
| 7,932 | 4,246 | 6,381 | 37,723 | 20,912 | 2,325 | 1,894 | | | | 409,128 | 73C |
| 6,707 | 3,069 | 6,171 | 3,054 | 7,132 | 8 | 272 | | | | 172,547 | 73D |
| 4,919 | 648 | 545 | 4,538 | 1,816 | 103 | 115 | | | | 43,838 | 74 |
| 1,629 | 2,772 | 1,162 | 5,348 | 1,906 | 364 | 469 | | | | 95,999 | 75 |
| 3,541 | 134 | 28,732 | 389 | 1,331 | | 2 | | | | 63,645 | 76 |
| | | 46 | 12,679 | | | | | | | 14,803 | 77A |
| 517 | 143 | 260 | 2,269 | 1,698 | 39 | 107 | | | | 27,397 | 77B |
| 517 | 655 | 648 | 6,281 | 2,673 | 110 | 295 | | | | 53,542 | 78 |
| 240 | 250 | 55 | 266 | 137 | 42 | 1,139 | | | | 6,448 | 79 |
| 181 | 208 | 307 | 36 | 26 | 1,253 | | | | | 60,727 | 80 |
| 1 | 635 | −208 | | | | | | | | 8,882 | 81 |
| | | | | | | | 886,742 | | | | 82 |
| | | | | | | | | | | | 83 |
| | | | | | | | | 12,284 | | | 84 |
| | | | | | | | | | 690 | | 85 |
| 165,919 | 93,628 | 78,618 | 256,151 | 135,088 | 24,657 | 58,478 | | | | 5,976,283 | I |
| 170,286 | 95,754 | 94,863 | 428,678 | 157,702 | 53,625 | 55,615 | 886,742 | 12,284 | 690 | | VA |
| **336,205** | **189,382** | **173,480** | **684,829** | **292,790** | **78,281** | **114,093** | **886,742** | **12,284** | **690** | | **T** |

## Table 2.—The Use of Commodities
[Millions of dollars

| Commodity number | For the distribution of output of a commodity, read the row for that commodity / For the composition of inputs to an industry, read the column for that industry | Personal consumption expenditures | Gross private fixed investment | Change in private inventories | Exports of goods and services | Imports of goods and services |
|---|---|---|---|---|---|---|
| | Industry number | 91 | 92 | 93 | 94 | 95 |
| 1 | Livestock and livestock products | 4,748 | | −1,271 | 795 | −2,420 |
| 2 | Other agricultural products | 23,718 | | 6,526 | 23,654 | −10,871 |
| 3 | Forestry and fishery products | 3,996 | | 9 | 2,588 | −7,423 |
| 4 | Agricultural, forestry, and fishery services | 900 | | 29 | −11 | |
| 5+6 | Metallic ores mining | | 953 | −80 | 1,129 | 2,087 |
| 7 | Coal mining | 54 | | 261 | 2,534 | −286 |
| 8 | Crude petroleum and natural gas | | 65 | 343 | 3,734 | −65,560 |
| 9+10 | Nonmetallic minerals mining | 44 | | 500 | 727 | −1,036 |
| 11 | New construction, including own-account construction | | 451,315 | | | |
| 12 | Maintenance and repair construction, including own-account construction | | 29,811 | | 97 | |
| 13 | Ordnance and accessories | 1,330 | 22 | 216 | 3,343 | −947 |
| 14 | Food and kindred products | 273,979 | | 2,110 | 25,639 | −26,326 |
| 15 | Tobacco products | 31,677 | | 258 | 6,235 | −1,023 |
| 16 | Broad and narrow fabrics, yarn and thread mills | 1,731 | | −654 | 2,958 | −4,386 |
| 17 | Miscellaneous textile goods and floor coverings | 6,527 | 2,715 | 99 | 2,048 | −2,128 |
| 18 | Apparel | 92,502 | | 244 | 6,987 | −49,791 |
| 19 | Miscellaneous fabricated textile products | 13,895 | | 103 | 917 | −3,789 |
| 20+21 | Lumber and wood products | 2,875 | 8,955 | 443 | 6,336 | −12,814 |
| 22+23 | Furniture and fixtures | 27,911 | 20,784 | 252 | 3,215 | −9,718 |
| 24 | Paper and allied products, except containers | 17,126 | | −564 | 11,314 | −14,824 |
| 25 | Paperboard containers and boxes | 471 | | 40 | 1,159 | −498 |
| 26A | Newspapers and periodicals | 15,959 | | −46 | 628 | −232 |
| 26B | Other printing and publishing | 19,806 | | 392 | 3,290 | −2,579 |
| 27A | Industrial and other chemicals | 2,390 | 1,779 | 1,064 | 22,863 | −20,573 |
| 27B | Agricultural fertilizers and chemicals | 895 | | −87 | 4,459 | −3,485 |
| 28 | Plastics and synthetic materials | | | 115 | 12,271 | −6,433 |
| 29A | Drugs | 56,851 | | 1,613 | 9,885 | −20,317 |
| 29B | Cleaning and toilet preparations | 35,198 | | 361 | 3,826 | −2,779 |
| 30 | Paints and allied products | 613 | | 175 | 1,009 | −386 |
| 31 | Petroleum refining and related products | 59,995 | | 1,856 | 9,926 | −14,104 |
| 32 | Rubber and miscellaneous plastics products | 18,764 | 299 | 969 | 10,225 | −18,452 |
| 33+34 | Footwear, leather, and leather products | 19,382 | | 262 | 1,687 | −16,928 |
| 35 | Glass and glass products | 1,437 | | 187 | 2,174 | −3,333 |
| 36 | Stone and clay products | 3,206 | | 374 | 2,171 | −6,618 |
| 37 | Primary iron and steel manufacturing | 42 | 25 | 1,276 | 4,338 | −17,231 |
| 38 | Primary nonferrous metals manufacturing | 82 | 67 | 451 | 9,085 | −16,476 |
| 39 | Metal containers | | 52 | −10 | 303 | −289 |
| 40 | Heating, plumbing, and fabricated structural metal products | 312 | 4,959 | 545 | 2,713 | −1,947 |
| 41 | Screw machine products and stampings | 1,648 | | 204 | 1,353 | −2,765 |
| 42 | Other fabricated metal products | 5,415 | 3,462 | 1,080 | 7,643 | −12,447 |
| 43 | Engines and turbines | 182 | 3,790 | 108 | 8,309 | −3,542 |
| 44+45 | Farm, construction, and mining machinery | 240 | 32,594 | 634 | 12,391 | −8,386 |
| 46 | Materials handling machinery and equipment | | 9,071 | 12 | 1,869 | −2,570 |
| 47 | Metalworking machinery and equipment | 1,032 | 27,539 | 163 | 5,271 | −9,959 |
| 48 | Special industry machinery and equipment | 257 | 25,835 | −167 | 8,473 | −8,704 |
| 49 | General industrial machinery and equipment | | 15,967 | 396 | 10,701 | −12,231 |
| 50 | Miscellaneous machinery, except electrical | 135 | 728 | 381 | 3,272 | −2,359 |
| 51 | Computer and office equipment | 10,523 | 58,280 | −1,255 | 37,079 | −60,672 |
| 52 | Service industry machinery | 1,434 | 10,558 | 362 | 4,712 | −3,218 |
| 53 | Electrical industrial equipment and apparatus | 264 | 8,523 | 101 | 5,524 | −8,577 |
| 54 | Household appliances | 15,378 | 3,699 | 12 | 2,940 | −5,731 |
| 55 | Electric lighting and wiring equipment | 2,220 | 360 | 104 | 4,125 | −6,807 |
| 56 | Audio, video, and communication equipment | 26,764 | 40,882 | 277 | 16,432 | −33,584 |
| 57 | Electronic components and accessories | 189 | | −139 | 32,351 | −41,187 |
| 58 | Miscellaneous electrical machinery and supplies | 7,269 | 1,868 | 339 | 8,287 | −11,099 |
| 59A | Motor vehicles (passenger cars and trucks) | 117,402 | 127,634 | 299 | 24,583 | −81,012 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | 5,723 | 9,527 | 776 | 24,590 | −30,924 |
| 60 | Aircraft and parts | 385 | 11,072 | 2,410 | 36,153 | −11,712 |
| 61 | Other transportation equipment | 15,822 | 9,167 | 320 | 3,598 | −4,718 |
| 62 | Scientific and controlling instruments | 6,300 | 50,555 | 49 | 25,148 | −19,456 |
| 63 | Ophthalmic and photographic equipment | 7,178 | 7,635 | 54 | 4,187 | −10,575 |
| 64 | Miscellaneous manufacturing | 45,066 | 7,180 | 955 | 5,370 | −28,638 |
| 65A | Railroads and related services; passenger ground transportation | 24,222 | 1,293 | −30 | 5,457 | −189 |
| 65B | Motor freight transportation and warehousing | 31,618 | 5,834 | 353 | 13,195 | −1,868 |
| 65C | Water transportation | 6,167 | 6 | 11 | 10,475 | 4,425 |
| 65D | Air transportation | 46,198 | 2,320 | 51 | 28,942 | −12,723 |
| 65E | Pipelines, freight forwarders, and related services | 4,318 | | 27 | 3,084 | |
| 66 | Communications, except radio and TV | 123,489 | 6,259 | | 4,235 | |
| 67 | Radio and TV broadcasting | 3,033 | | | | |
| 68A | Electric services (utilities) | 93,292 | | | 301 | −990 |
| 68B | Gas production and distribution (utilities) | 35,458 | | 9 | 403 | |
| 68C | Water and sanitary services | 26,364 | | | 64 | |
| 69A | Wholesale trade | 199,023 | 73,967 | 2,013 | 66,757 | 19,221 |
| 69B | Retail trade | 610,413 | 24,807 | | 29 | |
| 70A | Finance | 264,306 | | | 26,922 | −526 |
| 70B | Insurance | 172,314 | | | 3,384 | −3,662 |
| 71A | Owner-occupied dwellings | 561,548 | | | | |
| 71B | Real estate and royalties | 188,505 | 39,368 | | 33,580 | −11 |
| 72A | Hotels and lodging places | 37,412 | | | 68 | |
| 72B | Personal and repair services (except auto) | 82,345 | | | 32 | |
| 73A | Computer and data processing services, including own-account software | 6,867 | 98,142 | 91 | 3,904 | −449 |
| 73B | Legal, engineering, accounting, and related services | 52,827 | 19,539 | | 7,691 | −1,608 |
| 73C | Other business and professional services, except medical | 27,317 | | | 5,847 | −2,124 |
| 73D | Advertising | 947 | | | 826 | −1,246 |
| 74 | Eating and drinking places | 295,680 | | | 417 | |
| 75 | Automotive repair and services | 133,963 | | 2 | 898 | −2 |
| 76 | Amusements | 108,225 | | | 5,951 | −402 |
| 77A | Health services | 760,000 | | | 21 | −8 |
| 77B | Educational and social services, and membership organizations | 289,476 | | | 524 | −426 |
| 78 | Federal Government enterprises | 8,328 | | | 274 | |
| 79 | State and local government enterprises | 31,863 | | | | |
| 80 | Noncomparable imports | 40,195 | | | | −111,687 |
| 81 | Scrap, used and secondhand goods | 34,186 | −46,563 | 972 | 6,171 | −4,608 |
| 82 | General government industry | | | | | |
| 83 | Rest of the world adjustment to final uses | −83,923 | | | 84,673 | −47 |
| 84 | Household industry | 12,284 | | | | |
| 85 | Inventory valuation adjustment | | | 690 | | |
| I | Total intermediate inputs | | | | | |
| VA | Value added | | | | | |
| T | **Total industry output** | **5,237,500** | **1,212,697** | **29,994** | **814,769** | **−903,728** |

\* Less than $500,000.

**by Industries, 1996**—Continued

at producers' prices]

| Federal Government consumption expenditures and gross investment | | | | | State and local government consumption expenditures and gross investment | | | GDP | Total commodity output | Commodity number |
|---|---|---|---|---|---|---|---|---|---|---|
| Total | National defense: Consumption expenditures | National defense: Gross investment | Nondefense: Consumption expenditures | Nondefense: Gross investment | Total | Consumption expenditures | Gross investment | | | |
| | 96C | 96I | 97C | 97I | | 98C+99C | 98I+99I | | | |
| 1 | 1 | | | | 298 | 298 | | 2,152 | 96,065 | 1 |
| –203 | | | –203 | | 1,216 | 1,216 | | 44,039 | 137,455 | 2 |
| –571 | –2 | | –569 | | –713 | –713 | | –2,115 | 14,536 | 3 |
| 36 | 23 | | 13 | | 2,382 | 2,382 | | 3,336 | 39,638 | 4 |
| –298 | –299 | | 1 | | | | | 3,791 | 12,839 | 5+6 |
| 29 | 1 | | 28 | | 52 | 52 | | 2,643 | 22,908 | 7 |
| –418 | | | –418 | | | | | –61,837 | 112,299 | 8 |
| –2 | –6 | | 4 | | 70 | 70 | | 303 | 14,400 | 9+10 |
| 18,030 | | 6,700 | | 11,330 | 119,154 | | 119,154 | 588,499 | 588,735 | 11 |
| 11,940 | 8,331 | | 3,609 | | 40,011 | 40,011 | | 81,859 | 278,930 | 12 |
| 13,501 | 5,668 | 5,343 | 518 | 1,973 | 147 | 147 | | 17,612 | 18,302 | 13 |
| 78 | 140 | | –62 | | 10,878 | 10,878 | | 286,357 | 464,948 | 14 |
| | | | | | –31 | –31 | | 37,115 | 39,782 | 15 |
| 55 | 44 | | 11 | | 287 | 287 | | –10 | 40,813 | 16 |
| 33 | 2 | | 24 | 7 | 86 | 63 | 23 | 9,380 | 21,050 | 17 |
| 441 | 440 | | 1 | | 1,692 | 1,692 | | 52,075 | 71,155 | 18 |
| 195 | 141 | | 55 | | 589 | 589 | | 11,910 | 24,968 | 19 |
| 27 | 12 | | 14 | 1 | 206 | 206 | | 6,028 | 111,795 | 20+21 |
| 116 | | 17 | | 99 | 3,337 | 5 | 3,333 | 45,897 | 54,527 | 22+23 |
| 621 | 71 | | 551 | | 4,196 | 4,196 | | 17,869 | 116,899 | 24 |
| 103 | 53 | | 50 | | 279 | 279 | | 1,554 | 39,233 | 25 |
| 100 | 5 | | 95 | | 761 | 761 | | 17,170 | 22,485 | 26A |
| 1,025 | 251 | | 774 | | 7,917 | 7,917 | | 29,851 | 95,247 | 26B |
| 3,405 | 1,851 | | 1,554 | | 4,817 | 4,817 | | 15,744 | 134,434 | 27A |
| 21 | 4 | | 17 | | 669 | 669 | | 2,472 | 22,556 | 27B |
| 12 | 6 | | 6 | | 2 | 2 | | 5,968 | 63,071 | 28 |
| 788 | 611 | | 178 | | 6,391 | 6,391 | | 55,210 | 77,890 | 29A |
| 118 | 61 | | 57 | | 974 | 974 | | 37,699 | 48,232 | 29B |
| 6 | | | 6 | | 510 | 510 | | 1,926 | 17,627 | 30 |
| 3,059 | 2,715 | | 345 | | 14,088 | 14,088 | | 74,819 | 173,581 | 31 |
| 652 | 461 | | 148 | 43 | 2,690 | 2,690 | | 15,146 | 147,440 | 32 |
| 39 | 35 | | 4 | | 237 | 237 | | 4,679 | 9,007 | 33+34 |
| 130 | 7 | | 123 | | 502 | 502 | | 1,097 | 21,609 | 35 |
| 79 | 15 | | 63 | | 216 | 216 | | –572 | 58,228 | 36 |
| 252 | 243 | | 9 | | 263 | 263 | | –11,036 | 97,252 | 37 |
| 349 | 164 | 65 | 96 | 24 | 100 | 100 | | –6,343 | 83,073 | 38 |
| 19 | 19 | | | | 9 | 9 | | 83 | 13,298 | 39 |
| 768 | 263 | 142 | 232 | 131 | 18 | 18 | | 7,367 | 65,017 | 40 |
| 226 | 156 | | 70 | | 152 | 152 | | 817 | 46,842 | 41 |
| 672 | 265 | 252 | 133 | 23 | 1,970 | 1,246 | 724 | 7,793 | 75,433 | 42 |
| 462 | 112 | 101 | 2 | 247 | 432 | 301 | 131 | 9,740 | 23,890 | 43 |
| 494 | 12 | 455 | 10 | 18 | 2,159 | 108 | 2,051 | 40,126 | 46,356 | 44+45 |
| 56 | | 49 | 3 | 4 | 17 | | 17 | 8,454 | 12,414 | 46 |
| 84 | 8 | 35 | 40 | 1 | 466 | 208 | 258 | 24,595 | 37,404 | 47 |
| 328 | 2 | 39 | 278 | 10 | 282 | 111 | 171 | 26,305 | 33,514 | 48 |
| 354 | 154 | 163 | 11 | 26 | 655 | 200 | 455 | 15,842 | 39,519 | 49 |
| 635 | 235 | 289 | 29 | 82 | 445 | 250 | 196 | 3,237 | 38,101 | 50 |
| 3,600 | 251 | 1,061 | 876 | 1,412 | 4,848 | 1,026 | 3,823 | 52,403 | 93,717 | 51 |
| 144 | 78 | 11 | 53 | 1 | 1,742 | 930 | 812 | 15,733 | 36,571 | 52 |
| 814 | 349 | 140 | 219 | 107 | 734 | 109 | 625 | 7,382 | 38,562 | 53 |
| 43 | 22 | 17 | 1 | 3 | 261 | 31 | 230 | 16,602 | 20,425 | 54 |
| 431 | 313 | | 117 | | 899 | 845 | 53 | 1,331 | 23,424 | 55 |
| 9,294 | 3,614 | 3,034 | 154 | 2,492 | 1,410 | 98 | 1,312 | 61,474 | 77,999 | 56 |
| 1,122 | 823 | | 298 | | 292 | 292 | | –7,374 | 129,439 | 57 |
| 1,373 | 342 | 772 | 191 | 68 | 426 | 256 | 171 | 8,464 | 26,005 | 58 |
| 1,155 | 4 | 688 | 15 | 447 | 7,957 | | 7,957 | 198,018 | 200,277 | 59A |
| 435 | 152 | 114 | 55 | 113 | 2,347 | 2,333 | 14 | 12,474 | 121,203 | 59B |
| 30,974 | 20,228 | 9,223 | 950 | 572 | 80 | | 80 | 69,362 | 90,630 | 60 |
| 8,089 | 1,555 | 6,412 | 76 | 45 | 1,182 | 56 | 1,127 | 33,459 | 37,543 | 61 |
| 17,170 | 5,140 | 8,762 | 1,809 | 1,459 | 5,925 | 3,192 | 2,733 | 85,690 | 118,833 | 62 |
| 1,438 | 908 | 467 | 57 | 6 | 3,587 | 2,336 | 1,251 | 13,504 | 23,783 | 63 |
| 48 | 15 | 61 | –32 | 5 | 2,725 | 2,049 | 676 | 32,707 | 47,510 | 64 |
| 716 | 436 | 13 | 263 | 5 | 5,743 | 5,655 | 89 | 37,213 | 76,283 | 65A |
| 4,032 | 3,107 | 165 | 725 | 35 | 3,266 | 2,830 | 436 | 56,429 | 199,889 | 65B |
| 1,786 | 1,682 | 104 | | | 535 | 535 | 1 | 23,405 | 36,820 | 65C |
| 3,173 | 2,100 | 158 | 864 | 52 | 4,464 | 4,357 | 108 | 72,425 | 124,344 | 65D |
| 14 | 31 | | –16 | | 280 | 280 | | 7,723 | 35,761 | 65E |
| 4,861 | 1,969 | | 2,892 | | 11,297 | 11,297 | | 150,141 | 287,528 | 66 |
| | | | | | | | | 3,033 | 4,487 | 67 |
| 2,433 | 1,646 | | 787 | | 20,525 | 20,525 | | 115,561 | 226,065 | 68A |
| 533 | 295 | | 238 | | 4,788 | 4,788 | | 41,192 | 110,677 | 68B |
| 953 | 528 | | 425 | | 395 | 395 | | 27,776 | 62,256 | 68C |
| 4,962 | 1,798 | 1,872 | 617 | 676 | 16,838 | 12,252 | 4,586 | 382,782 | 769,833 | 69A |
| 2 | | | 2 | | | | | 635,250 | 687,371 | 69B |
| 1,358 | | | 1,358 | | 14,345 | 14,345 | | 306,405 | 555,217 | 70A |
| 2,228 | 23 | | 2,206 | | 706 | 706 | | 174,970 | 304,295 | 70B |
| | | | | | | | | 561,548 | 561,548 | 71A |
| 5,440 | 637 | | 4,804 | | 13,794 | 13,794 | | 280,675 | 693,960 | 71B |
| 726 | 618 | | 108 | | 654 | 654 | | 38,859 | 72,325 | 72A |
| 91 | 79 | | 13 | | 3,689 | 3,689 | | 86,158 | 115,200 | 72B |
| 27,632 | 6,594 | 8,001 | 2,605 | 10,432 | 17,512 | 8,409 | 9,102 | 153,698 | 254,081 | 73A |
| 5,087 | 4,683 | | 404 | | 5,402 | 5,402 | | 88,937 | 312,734 | 73B |
| 17,632 | 12,084 | | 5,549 | | 20,967 | 20,967 | | 69,639 | 478,767 | 73C |
| 83 | 75 | | 8 | | 2,053 | 2,053 | | 2,663 | 175,210 | 73D |
| 1,359 | 323 | | 1,037 | | –3,924 | –3,924 | | 293,532 | 337,370 | 74 |
| 350 | 282 | | 68 | | 5,250 | 5,250 | | 140,461 | 236,460 | 75 |
| 992 | 976 | | 17 | | –2,906 | –2,906 | | 111,860 | 175,505 | 76 |
| 1,641 | 16 | | 1,625 | | –92,247 | –92,247 | | 669,407 | 684,210 | 77A |
| 7,983 | 307 | | 7,677 | | –33,107 | –33,107 | | 264,451 | 291,848 | 77B |
| 1,338 | 1,446 | | –108 | | 3,618 | 3,618 | | 13,558 | 67,101 | 78 |
| 201 | 140 | | 61 | | 919 | 919 | | 32,983 | 39,431 | 79 |
| 10,765 | 8,224 | | 2,541 | | | | | –60,727 | | 80 |
| 552 | 654 | 32 | 121 | –254 | 2,866 | 724 | 2,142 | –6,425 | 2,457 | 81 |
| 289,390 | 195,535 | | 93,855 | | 597,352 | 597,352 | | 886,742 | 886,742 | 82 |
| –704 | | | –704 | | | | | | | 83 |
| | | | | | | | | 12,284 | 12,284 | 84 |
| | | | | | | | | 690 | 690 | 85 |
| | | | | | | | | | | I |
| | | | | | | | | 7,813,175 | | VA |
| **531,581** | **302,352** | **54,650** | **142,887** | **31,692** | **890,363** | **726,525** | **163,838** | | **13,789,458** | T |

## Table 3.—Commodity-by-Industry

[Direct requirements per dollar

| Commodity number | For the composition of inputs to an industry, read the column for that industry | Livestock and livestock products | Other agricultural products | Forestry and fishery products | Agricultural, forestry, and fishery services | Metallic ores mining | Coal mining | Crude petroleum and natural gas | Non-metallic minerals mining | New construction, including own-account construction | Maintenance and repair construction, including own-account construction | Ordnance and accessories | Food and kindred products |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Industry number | | 1 | 2 | 3 | 4 | 5+6 | 7 | 8 | 9+10 | 11 | 12 | 13 | 14 |
| 1 | Livestock and livestock products | .10938 | .00008 | .01220 | .02341 | | | | | | | | .17312 |
| 2 | Other agricultural products | .31141 | .02901 | | .11036 | | | .00001 | | | .00213 | .00216 | | .08689 |
| 3 | Forestry and fishery products | | | .03309 | .00186 | | | | | | | | | .00610 |
| 4 | Agricultural, forestry, and fishery services | .04880 | .06824 | .24969 | .00546 | .00195 | .00091 | .00003 | .00052 | .00321 | .00364 | .00115 | .00034 |
| 5+6 | Metallic ores mining | | | | | .11938 | | | | | | | |
| 7 | Coal mining | | | | | .00098 | .10021 | | | | | .00006 | .00037 |
| 8 | Crude petroleum and natural gas | | | | | | | .21450 | | | | | |
| 9+10 | Nonmetallic minerals mining | .00008 | .00241 | | .00007 | .00063 | .00032 | | .03270 | .00669 | .00895 | | |
| 11 | New construction, including own-account construction | | | | | | | | | | .00040 | | |
| 12 | Maintenance and repair construction, including own-account construction | .01108 | .01003 | .02780 | .00891 | .02250 | .00352 | .02504 | .00747 | .00060 | .00063 | .00594 | .00460 |
| 13 | Ordnance and accessories | | | | | | | | | | | .02718 | |
| 14 | Food and kindred products | .21347 | | .04672 | .00241 | | | | | | | | .16011 |
| 15 | Tobacco products | | | | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | | .00176 | | | | .00374 | | | | | .00063 | |
| 17 | Miscellaneous textile goods and floor coverings | .00188 | .00201 | .00460 | .00246 | | | | | .00216 | .00204 | | .00006 |
| 18 | Apparel | | | | | | .00013 | .00001 | | | | .00025 | |
| 19 | Miscellaneous fabricated textile products | | .00160 | .00073 | .00189 | | | | | .00067 | .00081 | | .00015 |
| 20+21 | Lumber and wood products | .00054 | .00323 | | | .00447 | .00308 | .00001 | | .04849 | .06832 | .00217 | .00024 |
| 22+23 | Furniture and fixtures | | | | | | | | | .00264 | .00002 | | |
| 24 | Paper and allied products, except containers | .00220 | .00221 | .00122 | .00024 | .00039 | .00018 | .00001 | .00065 | .00386 | .00256 | .00024 | .01309 |
| 25 | Paperboard containers and boxes | .00008 | .00651 | .00178 | .00436 | .00036 | .00026 | .00002 | .00016 | .00057 | .00057 | .00163 | .01965 |
| 26A | Newspapers and periodicals | .00010 | .00007 | | .00018 | | | .00005 | .00002 | .00113 | .00024 | .00025 | .00001 |
| 26B | Other printing and publishing | .00006 | .00006 | .00118 | .00015 | | | .00002 | (*) | .00004 | .00024 | .00025 | .0020 |
| 27A | Industrial and other chemicals | .00096 | .00051 | .00031 | .00017 | .04986 | .01392 | .00968 | .01960 | .00278 | .00258 | .00620 | .00486 |
| 27B | Agricultural fertilizers and chemicals | .00283 | .07262 | .00346 | .08210 | .00012 | .00007 | | | (*) | | .00115 | (*) |
| 28 | Plastics and synthetic materials | | | | | | | | | | | .00241 | .00041 |
| 29A | Drugs | .00336 | | | .00003 | | | | | | | | .00246 |
| 29B | Cleaning and toilet preparations | .00073 | | .00099 | | | | .00004 | | .00028 | .00041 | | .00114 |
| 30 | Paints and allied products | | | | .00021 | | | .00001 | | .00812 | .00875 | .00026 | |
| 31 | Petroleum refining and related products | .00910 | .02304 | .02278 | .00592 | .02167 | .02661 | .00504 | .03302 | .01149 | .01982 | .00192 | .00283 |
| 32 | Rubber and miscellaneous plastics products | .00510 | .00548 | .00075 | .00114 | .00654 | .01344 | .00014 | .00982 | .01856 | .02157 | .01177 | .02028 |
| 33+34 | Footwear, leather, and leather products | .00052 | | | | | | (*) | | | | | |
| 35 | Glass and glass products | .00007 | | | .00033 | | | .00002 | .00034 | .00258 | .00062 | | .00790 |
| 36 | Stone and clay products | | .00105 | | .00016 | .00324 | .00659 | .00205 | | .05632 | .03125 | .00090 | .00005 |
| 37 | Primary iron and steel manufacturing | .00048 | .00050 | | | .02675 | .00366 | .0120 | .01232 | .00755 | .00661 | .01042 | |
| 38 | Primary nonferrous metals manufacturing | | | | .00008 | | | .00065 | | .00721 | .00724 | .01405 | |
| 39 | Metal containers | | | .00016 | | | | | | | | | .02036 |
| 40 | Heating, plumbing, and fabricated structural metal products | .00018 | .00016 | | | .00852 | .00340 | .00040 | .00461 | .05309 | .04423 | | |
| 41 | Screw machine products and stampings | .00036 | | | | .00132 | .00611 | | .00073 | .00060 | .00039 | .00609 | .00113 |
| 42 | Other fabricated metal products | .00301 | .00354 | .00103 | .00192 | .00019 | .00310 | .00429 | .00073 | .01964 | .01635 | .00752 | .00310 |
| 43 | Engines and turbines | | | .00124 | | .00312 | .00505 | .00020 | .00331 | | | .00053 | .00002 |
| 44+45 | Farm, construction, and mining machinery | .00139 | .00265 | .00211 | .00087 | .02529 | .05043 | .00236 | .03091 | .00224 | .00183 | | |
| 46 | Materials handling machinery and equipment | | | | | .00545 | .00650 | .00041 | .01313 | .00338 | .00007 | | |
| 47 | Metalworking machinery and equipment | .00041 | .00040 | | .00003 | .00098 | .00024 | .00016 | .00025 | .00075 | .00049 | .00141 | .00012 |
| 48 | Special industry machinery and equipment | | | | .00004 | | .00018 | .00003 | .00016 | (*) | .00001 | .00259 | .00032 |
| 49 | General industrial machinery and equipment | .00036 | .00058 | .00009 | .00006 | .00358 | .01076 | .00090 | .00717 | .00707 | .00272 | .00621 | .00058 |
| 50 | Miscellaneous machinery, except electrical | .00062 | .00116 | .00011 | .00048 | .00242 | .00631 | .00171 | .00122 | .00055 | .00002 | .00633 | .00052 |
| 51 | Computer and office equipment | | | .00020 | .00008 | | .00018 | .00003 | .00016 | .01253 | .01211 | | .00013 |
| 52 | Service industry machinery | | | | | | | | | | | | |
| 53 | Electrical industrial equipment and apparatus | .00011 | .00018 | .00022 | | .00202 | .00291 | .00071 | .00407 | .00596 | .00420 | .00875 | .00025 |
| 54 | Household appliances | | | | | | | | | .00190 | .00227 | | |
| 55 | Electric lighting and wiring equipment | .00040 | .00030 | .00013 | .00072 | | .00075 | .00198 | .00008 | .01635 | .01444 | .00089 | .00021 |
| 56 | Audio, video, and communication equipment | | | | | | | | | .00410 | .00316 | .01130 | |
| 57 | Electronic components and accessories | | | | | | | | | | | .04681 | |
| 58 | Miscellaneous electrical machinery and supplies | .00247 | .00466 | .00056 | .00109 | .00030 | .00038 | .00009 | .00102 | .00248 | .00178 | .00030 | .00005 |
| 59A | Motor vehicles (passenger cars and trucks) | | | | | | | | | | | | |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00069 | .00114 | .00305 | .00145 | .00144 | .00166 | .00037 | .00377 | .00115 | .00126 | .00005 | .00052 |
| 60 | Aircraft and parts | | | | | | | | | | | .06453 | |
| 61 | Other transportation equipment | | | | | .00010 | | | | .00031 | .00032 | | |
| 62 | Scientific and controlling instruments | | | .00146 | .00053 | .00018 | .00008 | .00001 | | .00331 | .00260 | .05489 | .00002 |
| 63 | Ophthalmic and photographic equipment | | | | .00026 | | .00017 | .00011 | | .00013 | .00011 | .00019 | .00002 |
| 64 | Miscellaneous manufacturing | .00037 | .00041 | | .00009 | .00012 | .00013 | .00002 | .00028 | .00329 | .00304 | | .00006 |
| 65A | Railroads and related services; passenger ground transportation | .01413 | .00242 | .00156 | .00188 | .00588 | .03479 | .00139 | .00488 | .00169 | .0020 | .00122 | .00634 |
| 65B | Motor freight transportation and warehousing | .02516 | .00986 | .00278 | .00890 | .01476 | .01552 | .00240 | .01944 | .01548 | .01570 | .00568 | .01719 |
| 65C | Water transportation | .00040 | .00045 | .02460 | .00023 | .00066 | .00211 | .00020 | .00053 | .00030 | .00036 | .00003 | .00037 |
| 65D | Air transportation | .00037 | .00086 | .00329 | .01337 | .00290 | .00394 | .00204 | .00309 | .00145 | .00136 | .0050 | .00345 |
| 65E | Pipelines, freight forwarders, and related services | .00117 | .00021 | .00007 | .00006 | .00023 | .00024 | .00007 | .00037 | .00003 | .00003 | .00006 | .00005 |
| 66 | Communications, except radio and TV | .00269 | .00208 | .00110 | .00444 | .00247 | .00165 | .00178 | .00298 | .00405 | .00430 | .00307 | .00151 |
| 67 | Radio and TV broadcasting | | | | | | | | | | | | |
| 68A | Electric services (utilities) | .01762 | .00603 | .00067 | .00161 | .06139 | .02307 | .01190 | .04131 | .00128 | .00129 | .00678 | .00710 |
| 68B | Gas production and distribution (utilities) | | .00262 | .00022 | .00006 | .00735 | .00153 | .04520 | .01856 | .00023 | | .00140 | .00404 |
| 68C | Water and sanitary services | .00139 | .00508 | .00174 | | | .00015 | .00076 | .00064 | .00111 | .00121 | .00073 | .00138 |
| 69A | Wholesale trade | .06424 | .04786 | .01905 | .03096 | .03156 | .04108 | .00903 | .04268 | .04141 | .04065 | .02469 | .06527 |
| 69B | Retail trade | | (*) | .00239 | .00028 | .00185 | .00166 | .00194 | .00405 | .04069 | .04741 | .00023 | .00186 |
| 70A | Finance | .00503 | .00395 | .00744 | .00601 | .00697 | .00810 | .00484 | .00868 | .0060 | .00513 | .00601 | .00642 |
| 70B | Insurance | .00446 | .00747 | .00487 | .00329 | .00394 | .00323 | .00174 | .00413 | .00677 | .00385 | .00219 | .00260 |
| 71A | Owner-occupied dwellings | | | | | | | | | | | | |
| 71B | Real estate and royalties | .05060 | .08658 | .00111 | .00781 | .00795 | .02869 | .17574 | .01251 | .00514 | .00484 | .00770 | .00379 |
| 72A | Hotels and lodging places | .00028 | .00028 | .00249 | .00155 | .00258 | .00341 | .00208 | .00256 | .00080 | .00080 | .00262 | .00244 |
| 72B | Personal and repair services (except auto) | .00033 | .00063 | .00058 | .00197 | .00044 | .00038 | .00010 | .00016 | .00046 | .00057 | .00079 | .00120 |
| 73A | Computer and data processing services, including own-account software | .00005 | .00003 | .00051 | .00008 | .00092 | .00049 | .00062 | .00206 | .00082 | .00095 | .00696 | .00193 |
| 73B | Legal, engineering, accounting, and related services | .00075 | .00066 | .02502 | .01399 | .01388 | .01752 | .01489 | .00985 | .06793 | .03145 | .00413 | .00268 |
| 73C | Other business and professional services, except medical | .00576 | .01052 | .01731 | .01218 | .01427 | .01082 | .00414 | .01040 | .03052 | .03206 | .01650 | .01204 |
| 73D | Advertising | .00013 | .00018 | .00056 | .00370 | .00044 | .00061 | .00108 | .00288 | .00067 | .00068 | .00422 | .02541 |
| 74 | Eating and drinking places | .00008 | .00010 | .00252 | .00159 | .00301 | .00338 | .00206 | .00301 | .00082 | .00081 | .00286 | .00253 |
| 75 | Automotive repair and services | .00127 | .00257 | .00596 | .00939 | .00255 | .00178 | .00103 | .00198 | .00499 | .00616 | .00208 | .00425 |
| 76 | Amusements | | | | .00020 | .00009 | .00058 | .00038 | .00009 | .00014 | .00017 | .00033 | .00063 |
| 77A | Health services | .02023 | | | | | | | | | | | |
| 77B | Educational and social services, and membership organizations | .00068 | .00055 | .00444 | .00066 | .00276 | .00432 | .00085 | .00081 | .00006 | .00004 | .00069 | .00066 |
| 78 | Federal Government enterprises | .00010 | .00008 | .00052 | .00098 | .00078 | .00004 | | .00047 | .00098 | .00106 | .00015 | .00039 |
| 79 | State and local government enterprises | .00021 | .00032 | .00008 | .00061 | .00036 | .00014 | .00002 | | .00003 | .00003 | .00015 | .00066 |
| 80 | Noncomparable imports | | .00040 | | | .00889 | .00167 | .00701 | .00162 | | | .00040 | .00161 |
| 81 | Scrap, used and secondhand goods | | | | .00006 | | | | | .00001 | .00001 | | |
| 82 | General government industry | | | | | | | | | | | | |
| 83 | Rest of the world adjustment to final uses | | | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | | | |
| I | Total intermediate inputs | .94972 | .43740 | .54875 | .39259 | .51277 | .48640 | .57569 | .39178 | .55920 | .50315 | .41350 | .71189 |
| VA | Value added | .05028 | .56260 | .45125 | .60741 | .48723 | .51360 | .42431 | .60823 | .44080 | .49685 | .58650 | .28811 |
| T | Total [1] | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 |

* Less than .000005.

## Direct Requirements, 1996
of industry output, at producers' prices]

| Tobacco products (15) | Broad and narrow fabrics, yarn and thread mills (16) | Miscellaneous textile goods and floor coverings (17) | Apparel (18) | Miscellaneous fabricated textile products (19) | Lumber and wood products (20+21) | Furniture and fixtures (22+23) | Paper and allied products, except containers (24) | Paperboard containers and boxes (25) | Newspapers and periodicals (26A) | Other printing and publishing (26B) | Industrial and other chemicals (27A) | Agricultural fertilizers and chemicals (27B) | Plastics and synthetic materials (28) | Drugs (29A) | Cleaning and toilet preparations (29B) | Paints and allied products (30) | Commodity number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | .01202 | .00459 | .00046 |  |  |  | .00010 |  |  |  | .00553 | .00082 | .00002 | .00264 |  | .00118 | 1 |
| .08303 | .09993 | .00342 | .00122 |  |  |  |  |  |  |  |  |  |  | .00051 |  | .00081 | 2 |
| .00014 | .00026 | .00035 | .00021 | .00032 |  |  | .00046 | .00027 | .00050 |  | .00041 | .00042 | .00038 | .00058 | .00042 | .00033 | 3 |
|  |  |  |  |  |  |  |  |  |  | .00977 | .00046 | .00093 |  |  |  | .00135 | 5+6 |
| .00056 | .00043 | .00062 | .00023 | .00012 | .00003 | .00020 | .00254 | .00055 |  |  | .00128 | .00112 | .00083 | .00022 | .00019 | .00010 | 7 |
|  |  |  |  |  |  |  |  |  |  |  | .03943 | .07292 | .00633 |  |  |  | 8 |
|  |  |  |  |  |  |  | .00343 |  |  |  | .00822 | .04180 |  | .00001 | .00032 | .00026 | 9+10 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11 |
| .00285 | .00511 | .01096 | .00467 | .00369 | .00312 | .00452 | .01225 | .00503 | .00587 | .00525 | .01013 | .00826 | .01069 | .00839 | .00626 | .00397 | 12 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 13 |
|  |  | .00142 |  |  |  | .00149 | .00671 |  |  |  | .00383 | .01747 | .00136 | .00446 | .01250 | .01038 | 14 |
| .06704 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 15 |
|  | .19101 | .16315 | .22944 | .26135 |  | .04563 | .00116 |  |  | .00063 |  |  | .00021 |  |  |  | 16 |
| .00015 | .00104 | .02441 | .00034 | .06361 | .00154 | .02849 | .00695 |  | .00009 | .00040 | .00001 |  | .00002 | .00016 | .00034 |  | 17 |
|  | .00072 |  | .21995 | .02373 | .00004 | .00007 | .00004 |  |  |  |  |  | .00004 |  |  |  | 18 |
| .00007 |  | .00011 | .03184 | .02422 | .00003 | .00034 | .00002 |  |  |  | .00001 |  |  | .00003 | .00011 |  | 19 |
| .00004 |  |  | .00002 | .00186 | .31897 | .08544 | .06751 | .00140 | .00024 | .00008 | .00035 |  |  | .00002 |  | .00009 | 20+21 |
|  |  |  |  |  | .00133 | .00482 |  |  |  |  |  |  |  |  |  |  | 22+23 |
| .00324 | .00064 | .00175 | .00123 | .00072 | .00055 | .00226 | .15059 | .42868 | .08874 | .14298 | .00296 | .00223 | .01329 | .00187 | .0030 | .00015 | 24 |
| .01434 | .00083 | .00237 | .00117 | .00067 | .00231 | .01438 | .01269 | .00330 | .00025 | .00419 | .00458 | .00406 | .00393 | .01281 | .04037 | .00007 | 25 |
|  |  | .00005 |  |  | .00012 | .00004 | .00006 | .00060 | .02104 | .00118 | .00007 |  | .00004 | .00009 | .00003 |  | 26A |
| .00551 | .00004 | .00004 | .00033 | .00058 | .00013 | .00020 | .00157 | .00013 | .06987 | .10212 | .00013 | .00388 | .00002 | .00626 | .00362 | .00047 | 26B |
| .00012 | .01821 | .02195 | .00007 | .00672 | .00401 | .00145 | .04326 | .02096 | .00814 | .02012 | .24744 | .10287 | .34117 | .02328 | .10013 | .19264 | 27A |
|  |  |  |  |  | .00166 |  | .00026 |  |  |  | .00896 | .11750 | .00488 |  |  |  | 27B |
| .00909 | .16654 | .24852 | .01267 | .02037 | .00380 | .00287 | .02531 | .00417 |  | .00007 | .00775 |  | .02995 |  |  | .12919 | 28 |
|  |  |  |  |  |  |  |  |  |  |  |  |  | .10927 |  |  |  | 29A |
| .00202 | .00091 | .00478 | .00463 |  | .00008 | .00063 | .00004 |  | .00365 | .00003 | .00109 | .00378 | .00575 | .00072 | .05843 | .01631 | 29B |
| .00144 | .00288 | .00393 | .00214 | .00224 | .00570 | .00860 | .00445 | .00513 |  | .00174 | .01663 | .00979 | .00365 | .00127 | .01452 | .01092 | 30 |
| .00735 | .00418 | .00953 | .00634 | .01891 | .00841 | .04248 | .03421 | .00431 |  | .01249 | .01115 | .00806 | .04250 | .02365 | .07060 | .00008 | 31 |
|  |  |  | .00490 | .02424 | .00002 | .00110 |  |  |  | .00001 |  |  |  |  |  |  | 32 |
|  | .00826 | .00072 |  |  | .00254 | .00349 |  |  |  |  | .00091 | .00074 | .00013 | .00335 | .00457 | .00021 | 33+34 |
| .00017 | .00002 |  |  |  | .00559 | .00254 | .00053 |  |  | .00002 | .00102 | .00131 | .00015 | .00020 | .00013 | .01216 | 35 |
|  |  | .00015 |  |  | .00058 | .03712 | .00037 | .00659 | .00002 | .00027 | .00298 | .00004 | .00002 |  | .00003 | .00037 | 36 |
|  |  |  |  |  | .00028 | .01025 | .0010 | .00195 |  | .00037 | .00008 |  |  |  |  | .00007 | 37 |
|  |  |  |  |  |  |  |  |  |  |  | .00487 | .00369 | .00007 | .00111 | .01042 | .03054 | 38 |
|  |  |  |  |  | .00776 |  |  |  |  |  |  |  |  |  |  |  | 39 |
|  |  |  |  |  | .00376 | .01204 | .00004 | .00049 |  |  | .00004 |  |  | .00103 | .00145 | .00015 | 41 |
| .00126 |  |  | .00009 |  | .01054 | .05716 | .00331 | .00652 |  | .00024 | .00646 | .00225 | .00033 | .00065 | .00263 | .00015 | 42 |
|  |  |  |  |  |  |  |  | .00040 |  |  |  |  |  |  |  |  | 43 |
|  |  |  |  |  |  |  |  | .00002 |  |  |  |  |  |  |  |  | 44+45 |
| .00035 | .00036 | .00026 | .00004 | .00039 | .00068 | .00085 | .00058 | .00076 | .00007 | .00029 | .00039 | .00006 | .00053 | .00005 | .00021 | .00007 | 47 |
|  | .00141 | .01288 | .00285 | .00193 | .00088 | .00094 | .00285 | .00428 | .00041 | .00394 | .00677 |  | .00032 |  |  |  | 48 |
| .00003 |  |  | .00008 |  | .00104 | .00206 | .00034 |  |  |  | .00004 | .00052 | .00054 | .00073 | .00011 |  | 49 |
| .00015 | .00192 | .00145 | .00042 | .00125 | .00175 | .00237 | .00252 | .00217 |  | .00102 | .00410 | .00057 | .00184 | .00048 | .00112 | .00026 | 50 |
| .00011 |  |  |  |  |  |  |  |  | .00043 | .00041 |  |  |  |  |  |  | 51 |
| .00023 |  |  | .00002 |  | .00123 | .00005 | .00009 |  |  | .00003 | .00046 | .00046 | .00002 | .00004 | .00022 |  | 52 |
| .00047 | .00004 |  |  |  | .00003 | .00019 | .00021 |  |  | .00001 | .00095 | .00005 | .00010 | .00011 | .00055 |  | 53 |
|  |  |  |  |  | .00235 |  |  |  |  |  |  |  |  |  |  |  | 54 |
| .00048 | .00004 |  |  |  | .00181 |  | .00014 | .00020 |  | .00005 | .00003 | .00005 | .00009 | .00007 | .00019 | .00047 | 55 |
|  |  |  |  |  |  |  |  |  |  | .00002 |  | .00005 |  |  |  |  | 56 |
|  | .00001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 57 |
| .00004 |  |  | .00007 | .00005 |  | .00014 | .00003 | .00006 | .00004 | .00026 | .00010 | .00002 |  |  |  |  | 58 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 59A |
| .00004 | .00016 | .00019 | .00017 |  | .00373 | .00041 | .00017 | .00026 | .00070 | .00030 | .00011 | .00023 | .00002 | .00002 | .00006 | .00016 | 59B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 60 |
|  |  |  |  |  | .00003 |  |  |  |  |  |  |  |  |  |  |  | 61 |
| .00008 |  |  | .00005 | .00003 | .00001 | .00022 | .00021 | .00019 | .00032 | .00103 | .00096 | .00043 | .00008 | .00023 | .00016 | .00029 | 62 |
| .00004 | .00006 |  | .00003 | .00005 | .00011 | .00013 | .00009 | .00005 | .00228 | .00615 | .00017 | .00005 | .00007 | .00016 | .00013 | .00006 | 63 |
| .00014 |  | .00004 |  |  | .00066 | .00023 | .00003 | .00002 | .00028 | .00101 | .00002 |  | .00001 | .00043 | .00016 | .00005 | 64 |
| .00138 | .00420 | .00609 | .00135 | .00117 | .00640 | .00352 | .01060 | .01126 | .00295 | .00402 | .00868 | .01264 | .00756 | .00208 | .00578 | .01686 | 65A |
| .00538 | .01104 | .01908 | .01102 | .01192 | .02283 | .01512 | .03036 | .03925 | .00903 | .01620 | .02281 | .05412 | .01910 | .00414 | .01243 | .02504 | 65B |
| .00006 | .00017 | .00062 | .00044 | .00009 | .00046 | .00021 | .00071 | .00019 | .00002 | .00009 | .00098 | .00092 | .00085 | .00011 | .00058 | .00113 | 65C |
| .00326 | .00299 | .00345 | .00515 | .00403 | .00261 | .00381 | .00340 | .00427 | .00319 | .00372 | .00310 | .00260 | .00303 | .00427 | .00368 | .00292 | 65D |
| .00006 | .00003 | .00004 | .00005 | .00002 | .00008 | .00005 | .00007 | .00011 | .00006 | .00004 | .00116 | .00011 | .00026 | .00004 | .00016 | .00010 | 65E |
| .00198 | .00133 | .0030 | .00219 | .00244 | .00172 | .00337 | .00230 | .00275 | .00605 | .00390 | .00211 | .00194 | .00446 | .00429 | .00354 | .00265 | 66 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 67 |
| .00209 | .02234 | .01279 | .00917 | .00718 | .00955 | .00728 | .02101 | .00804 | .00412 | .00651 | .01962 | .01294 | .01832 | .00753 | .00490 | .0050 | 68A |
| .00043 | .00428 | .00566 | .00357 | .00345 | .00170 | .00227 | .01101 | .00229 | .00092 | .00202 | .01959 | .03179 | .01142 | .00247 | .00234 | .00165 | 68B |
| .00016 | .00113 | .00227 | .00053 | .00112 | .00127 | .00086 | .00543 | .00090 | .00029 | .00066 | .00793 | .00564 | .00541 | .00209 | .00202 | .00369 | 68C |
| .02566 | .04735 | .04575 | .04876 | .04915 | .07070 | .07461 | .05112 | .05595 | .02534 | .03810 | .05950 | .05184 | .05078 | .07151 | .05982 | .05326 | 69A |
| .00331 | .00070 | .00040 | .00025 | .00036 | .00078 | .00170 | .00138 | .00034 | .00069 | .00041 | .00060 | .00072 | .00062 | .00072 | .00312 | .00020 | 69B |
| .00784 | .0050 | .00665 | .00688 | .00687 | .00571 | .00746 | .00629 | .00584 | .00654 | .00627 | .00684 | .00896 | .00727 | .00905 | .00820 | .00770 | 70A |
| .00282 | .00214 | .00262 | .00251 | .00246 | .00230 | .00257 | .00253 | .00228 | .00241 | .00238 | .00255 | .00243 | .00229 | .00242 | .00258 | .00230 | 70B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 71A |
| .00433 | .00281 | .00459 | .01161 | .01456 | .00592 | .01002 | .00354 | .00465 | .03166 | .02428 | .00683 | .00447 | .00379 | .00906 | .00901 | .00353 | 71B |
| .00347 | .00227 | .00297 | .0030 | .00287 | .00240 | .00276 | .00266 | .00257 | .00260 | .00269 | .00268 | .00266 | .00267 | .00375 | .00310 | .00282 | 72A |
| .00122 | .00567 | .00433 | .00168 | .00053 | .00133 | .00077 | .00286 | .00172 | .00077 | .00113 | .00235 | .00266 | .00277 | .00268 | .0010 | .00067 | 72B |
| .00231 | .00265 | .00368 | .00145 | .00138 | .00207 | .00175 | .00449 | .00279 | .00443 | .00326 | .00379 | .00460 | .00472 | .00268 | .00224 | .00144 | 73A |
| .01050 | .00252 | .00407 | .00268 | .00405 | .00290 | .00768 | .00210 | .00176 | .01214 | .00380 | .02236 | .01140 | .02643 | .02939 | .01538 | .01038 | 73B |
| .01067 | .01279 | .01348 | .06199 | .01141 | .01202 | .01806 | .01574 | .01329 | .04358 | .01835 | .01722 | .02242 | .01467 | .03090 | .02090 | .00923 | 73C |
| .09427 | .00248 | .00996 | .01138 | .00488 | .00348 | .01038 | .00590 | .00150 | .02442 | .00993 | .00634 | .01235 | .00543 | .07083 | .06855 | .01283 | 73D |
| .00348 | .00267 | .00317 | .00353 | .00344 | .00276 | .00334 | .00279 | .00269 | .00262 | .00280 | .00279 | .00262 | .00279 | .00429 | .00320 | .00286 | 74 |
| .00396 | .00460 | .00525 | .00259 | .00230 | .00407 | .00277 | .00696 | .00464 | .00385 | .00478 | .00558 | .00638 | .00639 | .00319 | .00317 | .00258 | 75 |
| .00165 | .00010 | .00019 | .00056 | .00011 | .00028 | .00018 | .00041 | .00032 |  | .00077 | .00041 | .00022 | .00049 | .00111 | .00126 | .00074 | 76 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 77A |
| .00137 | .00059 | .00063 | .00073 | .00684 | .00229 | .00186 | .00132 | .00061 | .00103 | .00163 | .00096 | .00173 | .00328 | .00723 | .00287 | .00074 | 77B |
| .00159 | .00046 | .00108 | .00090 | .00129 | .00050 | .00123 | .00050 | .00047 | .00663 | .00216 | .00053 | .00019 | .00025 | .00039 | .00105 | .00047 | 78 |
| .00043 | .00028 | .00045 | .00042 | .00039 | .00036 | .00051 | .00123 | .00019 | .00025 | .00034 | .00065 | .00046 | .00038 | .00022 | .00036 | .00008 | 79 |
| .00066 | .00097 | .00068 | .00050 | .00009 | .00011 | .00081 | .00123 | .00046 | .00154 | .00205 | .00999 | .00188 | .00517 | .03717 | .0120 | .00530 | 80 |
|  |  |  | .00220 |  |  | .00014 | .00686 |  |  |  |  |  | .00021 |  |  |  | 81 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 82 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 83 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 84 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 85 |
| .39487 | .66054 | .68293 | .73377 | .60250 | .64649 | .56551 | .59583 | .67569 | .40035 | .46890 | .65386 | .66688 | .68029 | .51694 | .58807 | .58792 | I |
| .60513 | .33946 | .31707 | .26623 | .39750 | .35351 | .43449 | .40417 | .32431 | .59965 | .53110 | .34614 | .33312 | .31970 | .48306 | .41193 | .41208 | VA |
| **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | T |

**Table 3.—Commodity-by-Industry**

[Direct requirements per dollar

| Commodity number | For the composition of inputs to an industry, read the column for that industry | Petroleum refining and related products | Rubber and miscellaneous plastics products | Footwear, leather, and leather products | Glass and glass products | Stone and clay products | Primary iron and steel manufacturing | Primary nonferrous metals manufacturing | Metal containers | Heating, plumbing, and fabricated structural metal products | Screw machine products and stampings | Other fabricated metal products |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Industry number | 31 | 32 | 33+34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |
| 1 | Livestock and livestock products | | | | | | | | | | | |
| 2 | Other agricultural products | .00001 | | | | | | | | | | |
| 3 | Forestry and fishery products | .00001 | .01006 | | | .00004 | | .00025 | | | | |
| 4 | Agricultural, forestry, and fishery services | .00016 | .00041 | .00014 | .00063 | .00057 | .00045 | .00045 | .00019 | .00031 | .00020 | .00038 |
| 5+6 | Metallic ores mining | .00016 | | | .00097 | .00031 | .02604 | .03647 | | .00055 | | .00042 |
| 7 | Coal mining | .00003 | .00010 | .00017 | .00401 | .00420 | .01269 | .00019 | .00006 | .00003 | .00005 | .00004 |
| 8 | Crude petroleum and natural gas | .55195 | | | | | | | | | | |
| 9+10 | Nonmetallic minerals mining | .00253 | .00011 | | .01001 | .05524 | .00261 | .00025 | | | | .00002 |
| 11 | New construction, including own-account construction | | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | .00779 | .00725 | .00676 | .00875 | .00725 | .00788 | .00561 | .00562 | .00359 | .01057 | .00589 |
| 13 | Ordnance and accessories | | | | | | | | | | | |
| 14 | Food and kindred products | .00084 | .00014 | .10557 | | .00040 | | | | | | |
| 15 | Tobacco products | | | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | | .00843 | .02508 | | .00308 | | .00017 | | | | |
| 17 | Miscellaneous textile goods and floor coverings | | .00890 | .01976 | .00005 | | | | | | | |
| 18 | Apparel | | .00007 | .00045 | | | | | | | | |
| 19 | Miscellaneous fabricated textile products | | .00010 | | .00004 | .00015 | | | | | | .00005 |
| 20+21 | Lumber and wood products | .00002 | .00171 | | .01218 | .00458 | .00207 | .00296 | | .00068 | .00052 | .00122 |
| 22+23 | Furniture and fixtures | | | | | | | | | | | |
| 24 | Paper and allied products, except containers | .00065 | .00832 | .00564 | .00222 | .01071 | .00032 | .00064 | .00041 | .00059 | .00165 | .00403 |
| 25 | Paperboard containers and boxes | .00087 | .01196 | .00317 | .03667 | .00326 | .00019 | .00090 | .00307 | .00395 | .00562 | .00552 |
| 26A | Newspapers and periodicals | .00002 | .00007 | | | .00004 | .00002 | .00002 | | .00005 | .00003 | .00003 |
| 26B | Other printing and publishing | .00004 | .00023 | .00009 | .00007 | .00011 | .00095 | .00004 | .00444 | .00007 | .00009 | .00003 |
| 27A | Industrial and other chemicals | .01503 | .04491 | .03877 | .03602 | .02105 | .01147 | .00359 | .00865 | .00954 | .00460 | .01032 |
| 27B | Agricultural fertilizers and chemicals | | | | | | | | | | | |
| 28 | Plastics and synthetic materials | | .17645 | .00116 | | .00515 | | .01529 | | .00077 | .00245 | .00523 |
| 29A | Drugs | | | | | | | | | | | |
| 29B | Cleaning and toilet preparations | .00290 | .00065 | .00333 | .00172 | .00204 | .00003 | | .00012 | .00005 | .00013 | .00022 |
| 30 | Paints and allied products | | .00052 | | .00083 | .00128 | .00030 | .00012 | .02875 | .00473 | .00233 | .00729 |
| 31 | Petroleum refining and related products | .09563 | .00253 | .00453 | .00564 | .00930 | .00516 | .00380 | .00239 | .00255 | .00183 | .00301 |
| 32 | Rubber and miscellaneous plastics products | .00336 | .05713 | .02957 | .02255 | .00732 | .00180 | .00943 | .00155 | .01019 | .00428 | .02640 |
| 33+34 | Footwear, leather, and leather products | (*) | | .26788 | | | | | | .00002 | | |
| 35 | Glass and glass products | .00290 | .00685 | | .09703 | .00251 | | .00640 | | .00413 | .00077 | .00087 |
| 36 | Stone and clay products | .00179 | .00129 | .00040 | .01204 | .10804 | .01410 | .00229 | .00059 | .00120 | .00158 | .00191 |
| 37 | Primary iron and steel manufacturing | .00013 | .00482 | | .00117 | .00917 | .18108 | .01062 | .18186 | .16912 | .23037 | .11635 |
| 38 | Primary nonferrous metals manufacturing | | .00065 | | | .00150 | .01797 | .31569 | .36282 | .08086 | .05003 | .05552 |
| 39 | Metal containers | .00078 | | | | | .00003 | | .08888 | | .00007 | .00008 |
| 40 | Heating, plumbing, and fabricated structural metal products | | .00041 | | | .00050 | .00007 | | | .03661 | | .00120 |
| 41 | Screw machine products and stampings | | .00276 | .00025 | .00111 | .00133 | .00384 | .00046 | .00042 | .01295 | .01481 | .02136 |
| 42 | Other fabricated metal products | .00081 | .00605 | .00557 | | .00675 | .01847 | .00789 | .01587 | .03226 | .02032 | .06562 |
| 43 | Engines and turbines | | .00021 | | | | .00036 | | | | | .00078 |
| 44+45 | Farm, construction, and mining machinery | | | | | | | | | | | |
| 46 | Materials handling machinery and equipment | | .00005 | | | | .00025 | .00018 | | | | |
| 47 | Metalworking machinery and equipment | .00014 | .00186 | .00018 | .00488 | .00234 | .00821 | .01053 | .00139 | .00623 | .02421 | .00409 |
| 48 | Special industry machinery and equipment | | .00415 | .00005 | .00136 | | .00035 | .00120 | | | | .00006 |
| 49 | General industrial machinery and equipment | .00001 | .00023 | | | .00085 | .01768 | .00620 | | .00226 | .00197 | .00031 |
| 50 | Miscellaneous machinery, except electrical | .00073 | .00695 | .00179 | .00617 | .00278 | .00643 | .00454 | .00416 | .00532 | .02395 | .00920 |
| 51 | Computer and office equipment | | | | | | | | | | | |
| 52 | Service industry machinery | .00001 | .00006 | | .00013 | .00008 | .00001 | | | .00021 | | .00002 |
| 53 | Electrical industrial equipment and apparatus | .00001 | .00035 | | .00306 | .00023 | .00903 | .00328 | .00008 | .00160 | .00072 | .00562 |
| 54 | Household appliances | | | | | | | | | | | |
| 55 | Electric lighting and wiring equipment | .00005 | .00056 | | .00034 | .00048 | | .00069 | | .00003 | .00018 | .00006 |
| 56 | Audio, video, and communication equipment | | | | | | | | | | | |
| 57 | Electronic components and accessories | | .00030 | | | | | | | | | |
| 58 | Miscellaneous electrical machinery and supplies | .00001 | .00018 | | | .00029 | .00006 | | | .00002 | | .00009 |
| 59A | Motor vehicles (passenger cars and trucks) | | | | | | | | | | | |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00009 | .00011 | | .00039 | .00096 | .00018 | .00016 | .00009 | .00023 | .00011 | .00010 |
| 60 | Aircraft and parts | | | | | | | | | | | |
| 61 | Other transportation equipment | | | | | | | | | | | |
| 62 | Scientific and controlling instruments | .00017 | .00010 | | .00052 | .00037 | .00127 | .00008 | | .00209 | | .00005 |
| 63 | Ophthalmic and photographic equipment | .00004 | .00013 | | .00012 | .00008 | .00010 | .00006 | .00008 | .00014 | .00014 | .00009 |
| 64 | Miscellaneous manufacturing | .00003 | .00015 | .00072 | .00005 | .00074 | .00003 | .00002 | | .00015 | .00049 | .00002 |
| 65A | Railroads and related services; passenger ground transportation | .00235 | .00581 | .00154 | .01281 | .01074 | .01499 | .00801 | .00419 | .00305 | .00355 | .00256 |
| 65B | Motor freight transportation and warehousing | .00511 | .02857 | .01553 | .01462 | .06122 | .02786 | .02980 | .01984 | .01442 | .01405 | .01246 |
| 65C | Water transportation | .00172 | .00058 | .00005 | .00094 | .00277 | .00132 | .00048 | .00022 | .00011 | .00018 | .00020 |
| 65D | Air transportation | .00061 | .00325 | .00492 | .00307 | .00265 | .00354 | .00359 | .00305 | .0030 | .00317 | .00323 |
| 65E | Pipelines, freight forwarders, and related services | .02650 | .00005 | .00005 | .00006 | .00011 | .00006 | .00004 | .00009 | .00003 | .00004 | .00003 |
| 66 | Communications, except radio and TV | .00119 | .00285 | .00259 | .00326 | .00310 | .00190 | .00183 | .00177 | .00283 | .00213 | .00329 |
| 67 | Radio and TV broadcasting | | | | | | | | | | | |
| 68A | Electric services (utilities) | .00883 | .01707 | .00653 | .02533 | .02064 | .03043 | .02479 | .01163 | .00657 | .01105 | .01158 |
| 68B | Gas production and distribution (utilities) | .01332 | .00364 | .00336 | .01624 | .01640 | .01691 | .00599 | .00458 | .00307 | .00356 | .00504 |
| 68C | Water and sanitary services | .00296 | .00147 | .01055 | .00259 | .00210 | .00728 | .00251 | .00143 | .00084 | .01261 | .00196 |
| 69A | Wholesale trade | .04072 | .04285 | .05240 | .04688 | .03651 | .09192 | .08926 | .03322 | .06290 | .06324 | .05685 |
| 69B | Retail trade | .00018 | .00121 | .00063 | .00265 | .00121 | .00032 | .00019 | .00047 | .00069 | .00062 | .00075 |
| 70A | Finance | .00746 | .00738 | .00588 | .00670 | .00604 | .00681 | .00576 | .00675 | .00597 | .00756 | .00641 |
| 70B | Insurance | .00140 | .00247 | .00284 | .00260 | .00282 | .00260 | .00228 | .00236 | .00215 | .00242 | .00230 |
| 71A | Owner-occupied dwellings | | | | | | | | | | | |
| 71B | Real estate and royalties | .00904 | .00924 | .00581 | .00618 | .00684 | .00363 | .00476 | .00468 | .00893 | .00763 | .00787 |
| 72A | Hotels and lodging places | .00085 | .00278 | .00258 | .00289 | .00255 | .00268 | .00257 | .00310 | .00262 | .00271 | .00271 |
| 72B | Personal and repair services (except auto) | .00172 | .00190 | .00097 | .00279 | .00273 | .00417 | .00201 | .00217 | .00085 | .00227 | .00158 |
| 73A | Computer and data processing services, including own-account software | .00267 | .00359 | .00474 | .00470 | .00416 | .00683 | .00312 | .00311 | .00217 | .00406 | .00352 |
| 73B | Legal, engineering, accounting, and related services | .00609 | .00609 | .00248 | .00370 | .00455 | .00376 | .00248 | .00333 | .00393 | .00796 | .00573 |
| 73C | Other business and professional services, except medical | .00915 | .01562 | .01034 | .01741 | .01738 | .02065 | .01294 | .01253 | .02254 | .0210 | .01719 |
| 73D | Advertising | .00346 | .00556 | .02108 | .00451 | .00537 | .00412 | .00179 | .00269 | .00492 | .00742 | .00837 |
| 74 | Eating and drinking places | .00138 | .00306 | .00338 | .00339 | .00277 | .00292 | .00284 | .00324 | .00308 | .00323 | .00316 |
| 75 | Automotive repair and services | .00353 | .00491 | .00274 | .00672 | .00642 | .00902 | .00479 | .00542 | .00286 | .00499 | .00452 |
| 76 | Amusements | .00022 | .00041 | .00013 | .00018 | .00023 | .00035 | .00025 | .00069 | .00016 | .00045 | .00016 |
| 77A | Health services | | | | | | | | | | | |
| 77B | Educational and social services, and membership organizations | .00118 | .00404 | .00042 | .00068 | .00081 | .00076 | .00107 | .00190 | .00115 | .00290 | .00102 |
| 78 | Federal Government enterprises | .00027 | .00056 | .00154 | .00076 | .00053 | .00067 | .00044 | .00008 | .00062 | .00068 | .00064 |
| 79 | State and local government enterprises | .00010 | .00025 | .00102 | .00024 | .00034 | .00043 | .00034 | .00031 | .00032 | .00024 | .00042 |
| 80 | Noncomparable imports | .00275 | .00225 | .00034 | .0020 | .00268 | .00136 | .00231 | .00023 | .00158 | .00110 | .00109 |
| 81 | Scrap, used and secondhand goods | | | | .00410 | | | .03950 | .03943 | | .00164 | .00053 |
| 82 | General government industry | | | | | | | | | | | |
| 83 | Rest of the world adjustment to final uses | | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | | |
| I | Total intermediate inputs | .84445 | .55576 | .68545 | .46872 | .49878 | .65824 | .70613 | .89442 | .55608 | .59450 | .51861 |
| VA | Value added | .15555 | .44424 | .31455 | .53128 | .50122 | .34176 | .29387 | .10558 | .44392 | .40550 | .48139 |
| T | **Total** [1] | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** |

\* Less than .000005.

1. Detail may not add to 1 because of rounding.

## Direct Requirements, 1996—Continued

of industry output, at producers' prices]

| Engines and turbines (43) | Farm, construction, and mining machinery (44+45) | Materials handling machinery and equipment (46) | Metalworking machinery and equipment (47) | Special industry machinery and equipment (48) | General industrial machinery and equipment (49) | Miscellaneous machinery, except electrical (50) | Computer and office equipment (51) | Service industry machinery (52) | Electrical industrial equipment and apparatus (53) | Household appliances (54) | Electric lighting and wiring equipment (55) | Audio, video, and communication equipment (56) | Electronic components and accessories (57) | Miscellaneous electrical machinery and supplies (58) | Motor vehicles (passenger cars and trucks) (59A) | Truck and bus bodies, trailers, and motor vehicles parts (59B) | Commodity number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .00001 | .00001 | 2 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |
| .00053 | .00045 | .00030 | .00037 | .00038 | .00056 | .00051 | .00034 | .00030 | .00068 | .00052 | .00041 | .00033 | .00112 | .00097 | .00017 | .00036 | 4 |
|  | .00028 |  | .00018 |  |  |  | .00003 |  | .00109 |  |  | .00047 |  | .00038 |  | .00261 | 5+6 |
| .00005 | .00007 |  | .00003 | .00004 | .00005 | .00006 | .00001 | .00006 | .00003 |  |  |  | .00002 |  | .00009 | .00020 | 7 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 8 |
|  |  |  | .00068 | .00002 |  |  |  |  |  | .00159 |  |  | .00001 |  |  |  | 9+10 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11 |
| .00691 | .00531 | .00439 | .00628 | .00574 | .00504 | .00665 | .00772 | .00695 | .00562 | .00563 | .00520 | .00746 | .01770 | .00649 | .00343 | .00784 | 12 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 13 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 14 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 15 |
|  |  |  |  |  |  |  |  |  |  | .00012 |  |  |  |  | .00087 |  | 16 |
|  |  |  |  |  | .00634 | .00163 |  |  | .00004 |  |  | .00002 | .00001 |  | .00690 | .00071 | 17 |
| .00041 |  |  | .00010 | .00010 | .00003 |  |  |  | .00003 |  |  | .00001 |  |  | .00003 |  | 18 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .02798 | .00017 | 19 |
|  | .00231 | .00213 | .00327 | .00349 | .00123 | .00022 |  | .00233 | .00093 | .00059 | .00008 | .00004 |  |  | .00003 | .00180 | 20+21 |
|  |  |  |  |  |  |  |  |  | .00003 |  |  | .01043 | .00011 | .00004 | .02342 | .00060 | 22+23 |
| .00035 | .00025 | .00042 | .00059 | .00732 | .00395 | .00030 | .00051 | .00413 | .00490 | .01360 | .00577 | .00377 | .00219 | .00196 | .00022 | .00082 | 24 |
| .00038 | .00024 | .00011 | .00229 | .00069 | .00303 | .00174 | .00343 | .00348 | .00286 | .01013 | .01330 | .00219 | .00160 | .01253 | .00010 | .00430 | 25 |
|  | .00003 |  | .00003 | .00005 |  | .00011 | .00015 | .00003 | .00007 |  | .00009 | .00009 | .00015 | .00018 | .00003 | .00005 | 26A |
| .00009 | .00013 | .00008 | .00014 | .00008 | .00007 | .00013 | .00012 | .00003 | .00006 | .00026 | .00004 | .00025 | .00008 | .00008 | .00010 | .00028 | 26B |
| .00008 | .00070 | .00043 | .00511 | .00123 | .00007 | .00019 |  | .00220 | .00155 | .00766 | .00209 | .00017 | .01355 | .00736 | .00457 | .00416 | 27A |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 27B |
|  |  |  |  |  | .00048 | .00034 | .00027 | .00405 | .00295 | .02660 | .02359 | .00283 | .00264 | .01394 | .00005 | .00579 | 28 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 29A |
|  |  |  |  |  |  |  | .00009 | .00035 | .00061 | .00086 | .00124 | .00030 | .00009 | .00015 | .00004 | .00005 | 29B |
| .00134 | .00355 | .00157 | .00197 |  | .00048 | .00030 | .00043 | .00312 | .00249 | .00823 | .00040 | .00029 |  |  | .01042 | .00537 | 30 |
| .00135 | .00186 | .00328 | .00248 | .00202 | .00268 | .00201 | .00073 | .00153 | .00560 | .00349 | .00301 | .00078 | .00103 | .00181 | .00108 | .00187 | 31 |
| .01288 | .04075 | .01880 | .00899 | .01727 | .02482 | .00447 | .01608 | .02680 | .02862 | .09159 | .03225 | .02197 | .01519 | .07290 | .06327 | .02657 | 32 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .00001 | .00001 | 33+34 |
|  | .00027 |  |  | .00052 |  | .0030 |  | .00010 |  | .00165 | .02415 | .00004 | .00758 |  | .00125 | .00330 | 35 |
| .00109 |  | .00085 | .00167 | .00228 |  |  | .00014 | .00423 | .00527 | .00778 | .00018 | .00074 | .00072 |  |  |  | 36 |
| .13520 | .10390 | .11018 | .07456 | .05844 | .07236 | .07033 | .00129 | .05388 | .04740 | .07044 | .03691 | .00488 | .00516 | .01984 | .00173 | .08609 | 37 |
| .03045 | .00856 | .02377 | .02218 | .04209 | .02716 | .06039 | .01021 | .06254 | .05542 | .04814 | .05736 | .01345 | .02562 | .05390 | .00030 | .07838 | 38 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 39 |
| .01225 | .04073 | .01732 | .00974 | .01428 | .01222 | .00374 | .00732 | .00721 | .00508 |  |  | .00658 | .00341 | .00414 |  | .01271 | 40 |
| .03732 | .01418 | .03254 | .00898 | .00912 | .00972 | .00953 | .00818 | .03220 | .01996 | .03167 | .03065 | .01161 | .00962 | .01125 | .08684 | .04443 | 41 |
| .0360 | .01721 | .02518 | .01172 | .02737 | .01308 | .01533 | .00270 | .01977 | .00592 | .01876 | .01960 | .00648 | .03234 | .01961 | .01684 | .01435 | 42 |
| .06506 | .05322 | .00970 |  | .00401 | .00536 | .00108 |  |  | .00129 | .01020 |  |  |  |  | .01420 | .00295 | 43 |
| .01920 |  | .02140 |  |  |  |  |  |  |  |  |  |  |  |  | .00006 | .00008 | 44+45 |
|  | .00033 |  |  | .00044 | .00021 |  |  |  |  |  |  |  |  |  |  |  | 46 |
| .00337 | .00353 | .00393 | .04830 | .00725 | .00530 | .01211 | .00056 | .00489 | .00243 | .00209 | .00295 | .00086 | .00207 | .00242 | .00118 | .00270 | 47 |
|  |  |  | .06408 |  |  |  |  |  |  |  |  |  | .00089 |  |  |  | 48 |
| .01668 | .02909 | .06874 | .00956 | .02464 | .07688 | .01188 | .00027 | .01816 | .00463 | .00433 |  | .00036 |  | .00410 | .00035 | .01679 | 49 |
| .04847 | .03011 | .03297 | .03359 | .04285 | .03638 | .06230 | .00189 | .02584 | .00873 | .00255 | .00508 | .00268 | .00679 | .00576 | .00503 | .04511 | 50 |
|  |  |  | .00106 |  |  | .16334 |  |  | .00030 |  |  | .00422 | .00942 | .00515 | .00002 | .00004 | 51 |
|  |  |  | .00011 |  | .00003 |  |  | .07555 | .00005 | .02454 | .00014 | .00006 | .00002 |  | .01420 | .00261 | 52 |
| .04213 | .00762 | .03402 | .02372 | .04229 | .03838 | .00235 | .02392 | .05601 | .08120 | .04872 | .02812 | .00320 | .00160 | .01595 | .00003 | .00011 | 53 |
|  |  |  |  |  |  |  |  |  |  | .00122 |  |  |  |  |  |  | 54 |
|  | .00029 |  | .00027 |  |  | .00014 | .00118 | .00650 | .00197 | .01477 | .03177 | .00714 | .00178 | .00324 | .00522 | .00079 | 55 |
|  |  |  |  |  |  |  | .00921 |  |  |  |  | .03927 | .00164 | .00159 | .00789 | (*) | 56 |
|  |  |  | .00012 | .00169 | .00171 | .00271 | .31522 | .00004 | .02341 | .01079 | .00785 | .28812 | .22108 | .10539 | .02875 | .03623 | 57 |
| .01221 | .00551 | .00367 | .00130 | .00099 | .00065 | .00084 | .00019 |  | .00039 | .00005 | .00005 | .00443 |  | .02868 | .01606 | .01763 | 58 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | .00160 | .00731 | 59A |
| .00014 | .00153 | .00013 | .00026 | .00012 | .00014 | .00013 | .00009 | .00017 | .00008 |  | .00005 | .00005 | .00006 | .00022 | .29223 | .09911 | 59B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 60 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 61 |
|  |  |  | .00035 |  | .00043 |  | .00006 | .01681 | .00260 | .03882 |  | .00562 | .00479 | .00534 | .00876 | .00005 | 62 |
| .00010 | .00009 | .00010 | .00017 |  | .00013 | .00012 |  | .00023 | .00014 | .00020 | .00005 | .00023 | .00025 | .00032 | .00011 | .00019 | 63 |
|  | .00036 | .00104 | .00011 |  | .00004 |  |  | .00075 | .00007 | .00081 | .00222 | .00001 |  | .00004 | .00008 | .00007 | 64 |
| .00097 | .00164 | .00155 | .00135 | .00135 | .00125 | .00165 | .00103 | .00167 | .00268 | .00246 | .00183 | .00127 | .00224 | .00192 | .0030 | .00314 | 65A |
| .01643 | .01457 | .01189 | .01037 | .00880 | .00814 | .00781 | .00213 | .00903 | .00828 | .01504 | .01140 | .00369 | .00440 | .01063 | .01498 | .01369 | 65B |
| .00002 | .00011 | .00006 | .00008 | .00005 | .00004 | .00009 | .00003 | .00008 | .00022 | .00019 | .00009 | .00002 | .00012 | .00008 | .00009 | .00014 | 65C |
| .00496 | .00385 | .00439 | .00397 | .00419 | .00399 | .00338 | .00621 | .00417 | .00414 | .00454 | .00357 | .00472 | .00447 | .00404 | .00652 | .00538 | 65D |
| .00006 | .00005 | .00005 | .00003 | .00003 | .00002 | .00005 | .00005 | .00005 | .00003 | .00003 | .00003 | .00003 | .00004 | .00002 | .00005 | .00005 | 65E |
| .00216 | .00280 | .00341 | .00417 | .00455 | .00427 | .00276 | .00484 | .00290 | .00413 | .00357 | .00314 | .00508 | .00446 | .00276 | .00108 | .00195 | 66 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 67 |
| .00679 | .00659 | .00490 | .00886 | .00641 | .00860 | .00972 | .00539 | .00630 | .00838 | .00707 | .00853 | .00511 | .01327 | .00936 | .00269 | .00870 | 68 |
| .00202 | .00251 | .00223 | .00247 | .00191 | .00269 | .00283 | .00072 | .00205 | .00277 | .00255 | .00298 | .00087 | .00178 | .00219 | .00090 | .00221 | 68B |
| .00120 | .00081 | .00037 | .00067 | .00061 | .00101 | .00075 | .00065 | .00281 | .00092 | .00043 | .00104 | .00045 | .00124 | .00281 | .00053 | .00312 | 68C |
| .05449 | .06893 | .10018 | .04899 | .0750 | .06229 | .03662 | .13184 | .06736 | .07485 | .07667 | .07360 | .07446 | .06895 | .08732 | .07805 | .07153 | 69A |
| .00031 | .00033 | .00035 | .00029 | .00033 | .00040 | .00028 | .00036 | .00074 | .00082 | .00198 | .00198 | .00060 | .00035 | .00099 | .00063 | .00051 | 69B |
| .00632 | .00661 | .00601 | .00612 | .00593 | .00616 | .00636 | .00908 | .00719 | .00822 | .00703 | .00670 | .00840 | .00878 | .00792 | .00635 | .00775 | 70A |
| .00218 | .00242 | .00279 | .00238 | .00209 | .00231 | .00222 | .00265 | .00239 | .00226 | .00256 | .00242 | .00256 | .00274 | .00250 | .00238 | .00252 | 70B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 71A |
| .00430 | .00340 | .00587 | .00879 | .00936 | .00536 | .01151 | .01409 | .00420 | .00681 | .00335 | .01009 | .00992 | .01123 | .00697 | .00229 | .00354 | 71B |
| .00282 | .00273 | .00257 | .00274 | .00272 | .00266 | .00265 | .00342 | .00269 | .00272 | .00293 | .00284 | .00311 | .00320 | .00279 | .00270 | .00287 | 72A |
| .00131 | .00118 | .00069 | .00093 | .00079 | .00131 | .00102 | .00062 | .00102 | .00118 | .00073 | .00079 | .00086 | .00244 | .00160 | .00081 | .00201 | 72B |
| .00388 | .00324 | .00156 | .00242 | .00198 | .00292 | .00191 | .01197 | .00342 | .00225 | .00136 | .00299 | .00511 | .00639 | .00260 | .00075 | .00321 | 73A |
| .00232 | .00638 | .00741 | .0070 | .00792 | .00611 | .00693 | .01028 | .00521 | .00394 | .00332 | .00534 | .00884 | .01519 | .00329 | .00712 | .00621 | 73B |
| .01278 | .01269 | .01208 | .01385 | .01264 | .01476 | .01935 | .01543 | .01117 | .01562 | .01145 | .01369 | .01552 | .0250 | .02189 | .00780 | .01402 | 73C |
| .00217 | .00737 | .00652 | .00667 | .00739 | .00886 | .00801 | .01188 | .00790 | .01129 | .02504 | .02009 | .00704 | .01312 | .00916 | .00429 | .01962 | 73D |
| .00314 | .00313 | .00297 | .00355 | .00328 | .00328 | .00298 | .00330 | .00312 | .00327 | .00342 | .00357 | .00332 | .00337 | .00367 | .00276 | .00312 | 74 |
| .00329 | .00332 | .00235 | .00329 | .00251 | .00378 | .00309 | .00262 | .00305 | .00328 | .00283 | .00325 | .00293 | .00555 | .00435 | .07885 | .00468 | 75 |
| .00034 | .00045 | .00012 | .00013 | .00031 | .00017 | .00045 | .00076 | .00047 | .00022 | .00033 | .00024 | .00056 | .00064 | .00021 | .00052 | .00071 | 76 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 77A |
| .00098 | .00069 | .00053 | .00090 | .00060 | .00076 | .00079 | .00182 | .00227 | .00090 | .00192 | .00064 | .00155 | .00256 | .00169 | .00497 | .00339 | 77B |
| .00051 | .00098 | .00073 | .00058 | .00106 | .00071 | .00035 | .00028 | .00016 | .00074 | .00211 | .00069 | .00123 | .00047 | .00055 | .00062 | .00154 | 78 |
| .00032 | .00021 | .00040 | .00036 | .00020 | .00033 | .00039 | .00017 | .00023 | .00022 | .00039 | .00037 | .00012 | .00038 | .00034 | .00034 | .00044 | 79 |
| .00125 | .00268 | .00322 | .00092 | .00315 | .00359 | .00180 | .05533 | .00090 | .00758 | .00229 | .01185 | .00796 | .00348 | .01678 | .00323 | .00421 | 80 |
|  |  |  | .00008 |  |  | .00028 |  | .00007 |  |  |  |  |  | .00351 |  | .00024 | 81 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 82 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 83 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 84 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 85 |
| .60526 | .55243 | .60223 | .42737 | .54680 | .50725 | .41061 | .87289 | .59403 | .53546 | .68115 | .53606 | .62619 | .59617 | .61837 | .88879 | .72576 | I |
| .39474 | .44757 | .39777 | .57263 | .45320 | .49275 | .58939 | .12711 | .40597 | .46455 | .31885 | .46394 | .37381 | .40383 | .38163 | .11122 | .27424 | VA |
| 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | T |

### Table 3.—Commodity-by-Industry

[Direct requirements per dollar

| Commod-ity num-ber | For the composition of inputs to an industry, read the column for that industry | Aircraft and parts | Other trans-portation equipment | Scientific and controlling instruments | Ophthalmic and photo-graphic equipment | Miscel-laneous manu-facturing | Railroads and related services; passenger ground transportation | Motor freight transportation and warehousing | Water transpor-tation | Air transpor-tation | Pipelines, freight forwarders, and related services |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Industry number | 60 | 61 | 62 | 63 | 64 | 65A | 65B | 65C | 65D | 65E |
| 1 | Livestock and livestock products | | | | | .00012 | | | | | |
| 2 | Other agricultural products | .00001 | | | | .00073 | | .00001 | .00009 | .00001 | |
| 3 | Forestry and fishery products | | | | | .00051 | | | .00009 | | |
| 4 | Agricultural, forestry, and fishery services | .00066 | .00046 | .00054 | .00040 | .00020 | .00002 | .00001 | | | |
| 5+6 | Metallic ores mining | .00038 | | .00013 | | .00024 | | | | | |
| 7 | Coal mining | .00010 | .00014 | .00023 | .00059 | .00003 | | | .00016 | | |
| 8 | Crude petroleum and natural gas | | | | | | | | | | .00416 |
| 9+10 | Nonmetallic minerals mining | | | | | .00009 | | | | | |
| 11 | New construction, including own-account construction | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | .00782 | .00382 | .00631 | .00692 | .00403 | .04796 | .00496 | .00122 | .00203 | .01350 |
| 13 | Ordnance and accessories | | | | | | | | | | .00011 |
| 14 | Food and kindred products | .00003 | | | .00029 | | .00132 | | .00209 | .00176 | |
| 15 | Tobacco products | | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | .00090 | | .00282 | | .01001 | | | | .00001 | |
| 17 | Miscellaneous textile goods and floor coverings | .00015 | .00193 | .00553 | .00005 | .00069 | | .00006 | .00041 | | |
| 18 | Apparel | .00005 | | .00017 | | .00367 | .00041 | .00002 | .00182 | .00007 | |
| 19 | Miscellaneous fabricated textile products | .00108 | .00382 | .00001 | | .00077 | | .00005 | .00275 | .00005 | .00204 |
| 20+21 | Lumber and wood products | .00018 | .02056 | .00087 | | .01310 | | .00024 | .00034 | .00003 | .00529 |
| 22+23 | Furniture and fixtures | .00048 | .00068 | .00038 | | .00076 | | | | | |
| 24 | Paper and allied products, except containers | .00020 | .00029 | .00353 | .02965 | .00580 | .00041 | .00035 | | .00032 | .00047 |
| 25 | Paperboard containers and boxes | .00011 | .00013 | .00449 | .01022 | .01596 | .00008 | .00068 | | .00003 | .00243 |
| 26A | Newspapers and periodicals | .00004 | .00002 | .00009 | .00043 | .00014 | .00024 | .00024 | .00103 | .00016 | .00049 |
| 26B | Other printing and publishing | .00021 | .00005 | .00043 | .00011 | .00084 | .00279 | .00197 | .00075 | .00116 | .00530 |
| 27A | Industrial and other chemicals | .00054 | .00044 | .00142 | .01824 | .00887 | .00189 | .00064 | .00035 | .00008 | .00020 |
| 27B | Agricultural fertilizers and chemicals | | | | | | | | | | |
| 28 | Plastics and synthetic materials | .00286 | .00358 | .00456 | .01226 | .02188 | | | .00022 | | |
| 29A | Drugs | | | | | | | | | | |
| 29B | Cleaning and toilet preparations | | | .00027 | .00054 | .00072 | | .00001 | | .00003 | |
| 30 | Paints and allied products | .00149 | .00475 | .00036 | | .00498 | | .00031 | .00094 | .00004 | |
| 31 | Petroleum refining and related products | .00151 | .00279 | .00121 | .00167 | .00365 | .05065 | .04412 | .01790 | .08735 | .00526 |
| 32 | Rubber and miscellaneous plastics products | .01633 | .02246 | .02210 | .02474 | .03374 | .00467 | .01150 | .00323 | .00026 | .00427 |
| 33+34 | Footwear, leather, and leather products | (*) | | | | .00083 | .00001 | .00001 | | (*) | .00002 |
| 35 | Glass and glass products | .00015 | .00572 | .00437 | .00659 | .00047 | .00125 | .00002 | .00027 | | .00034 |
| 36 | Stone and clay products | .00230 | .00057 | .00105 | .00041 | .00255 | .00003 | .00004 | .00005 | .00001 | .00010 |
| 37 | Primary iron and steel manufacturing | .00783 | .05490 | .00916 | .00176 | .01824 | .00731 | | | .00002 | |
| 38 | Primary nonferrous metals manufacturing | .02480 | .01392 | .01393 | .00505 | .04168 | .00002 | .00003 | .00128 | | |
| 39 | Metal containers | | | .00017 | | | | | | | |
| 40 | Heating, plumbing, and fabricated structural metal products | .00263 | .02123 | .00753 | .00040 | .00296 | | | .00034 | | |
| 41 | Screw machine products and stampings | .00832 | .00740 | .01392 | .00915 | .00309 | .00013 | | .00007 | .00042 | |
| 42 | Other fabricated metal products | .01533 | .01684 | .01553 | .00261 | .01058 | .00505 | .00276 | .00781 | .00072 | .00264 |
| 43 | Engines and turbines | | .04781 | | | .00005 | .00364 | .00046 | .00949 | | .00091 |
| 44+45 | Farm, construction, and mining machinery | | .00072 | | | | | | | | |
| 46 | Materials handling machinery and equipment | | .00006 | | | | | .00003 | | | |
| 47 | Metalworking machinery and equipment | .01035 | .00165 | .00149 | .00140 | .00223 | .00145 | .00014 | .00536 | .00029 | |
| 48 | Special industry machinery and equipment | | | | | | | .00001 | | | |
| 49 | General industrial machinery and equipment | .00256 | .02344 | .00070 | .00020 | .00048 | .00627 | .00032 | .01218 | .00005 | .00374 |
| 50 | Miscellaneous machinery, except electrical | .01398 | .00786 | .00506 | .00487 | .00811 | .00228 | .00043 | .0040 | .00141 | .00151 |
| 51 | Computer and office equipment | .00088 | | .01197 | .00034 | .00030 | | .00002 | | .00003 | .00073 |
| 52 | Service industry machinery | | .00248 | .00002 | .00005 | .00007 | .00015 | .00005 | | .00004 | .00013 |
| 53 | Electrical industrial equipment and apparatus | .00103 | .02886 | .01292 | .00477 | .00417 | .00648 | .00141 | .00039 | .00017 | .00091 |
| 54 | Household appliances | | .00457 | | | | | | .00008 | | |
| 55 | Electric lighting and wiring equipment | | .00306 | .00282 | .00019 | .00030 | .00039 | .00027 | | .00006 | |
| 56 | Audio, video, and communication equipment | .00701 | .00034 | .00640 | | .00012 | | .00003 | | .00001 | .00030 |
| 57 | Electronic components and accessories | .01542 | .00005 | .09635 | .02873 | .00519 | .00041 | | | .00159 | |
| 58 | Miscellaneous electrical machinery and supplies | .00033 | .00288 | .00040 | .00013 | .00029 | .00154 | .00113 | .00096 | .00041 | .00245 |
| 59A | Motor vehicles (passenger cars and trucks) | | .02502 | | | | | | | | |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00005 | .02410 | .00007 | .00021 | .00011 | .00736 | .00380 | .00003 | .00014 | .00090 |
| 60 | Aircraft and parts | .18506 | | | | | | | | .02850 | |
| 61 | Other transportation equipment | | .03308 | | | | .01901 | .00007 | .01407 | | .00006 |
| 62 | Scientific and controlling instruments | .07362 | .00442 | .03239 | .00673 | | | .00014 | .00010 | .00020 | |
| 63 | Ophthalmic and photographic equipment | .00018 | .00004 | .00022 | .03795 | .00022 | .00017 | .00036 | .00021 | .00017 | .00085 |
| 64 | Miscellaneous manufacturing | .00012 | .00008 | .00008 | .00003 | .05789 | .00020 | .00017 | .00153 | .00031 | .00076 |
| 65A | Railroads and related services; passenger ground transportation | .00118 | .00203 | .00116 | .00306 | .00210 | .04312 | .00210 | .00048 | .00130 | .00091 |
| 65B | Motor freight transportation and warehousing | .00469 | .01196 | .00442 | .00669 | .01032 | .00728 | .18522 | .00251 | .00234 | .00586 |
| 65C | Water transportation | .00006 | .00006 | .00006 | .00028 | .00018 | .00029 | .00536 | .19277 | .00044 | .00131 |
| 65D | Air transportation | .00788 | .00380 | .00383 | .00327 | .00292 | .00391 | .00867 | .00176 | .06085 | .00621 |
| 65E | Pipelines, freight forwarders, and related services | .00005 | .00003 | .00004 | .00005 | .00004 | .00757 | .03110 | .04681 | .08535 | .02344 |
| 66 | Communications, except radio and TV | .00211 | .00213 | .00506 | .00518 | .00311 | .00714 | .01172 | .00125 | .01045 | .02899 |
| 67 | Radio and TV broadcasting | | | | | | | | | | |
| 68A | Electric services (utilities) | .00524 | .00510 | .00636 | .00539 | .00574 | .00150 | .00592 | .00409 | .00235 | .01156 |
| 68B | Gas production and distribution (utilities) | .00097 | .00182 | .00085 | .00233 | .00218 | .00002 | .00068 | .00026 | .00013 | .00012 |
| 68C | Water and sanitary services | .00139 | .00116 | .00063 | .00101 | .00065 | .00210 | .01319 | .00111 | .00122 | .00107 |
| 69A | Wholesale trade | .03272 | .05377 | .04621 | .05582 | .07875 | .03309 | .02957 | .01354 | .01550 | .00897 |
| 69B | Retail trade | .00016 | .00033 | .00056 | .00081 | .00134 | .00361 | .00467 | .00042 | .00038 | .00084 |
| 70A | Finance | .00796 | .00568 | .00738 | .00854 | .00617 | .01159 | .00772 | .02732 | .01383 | .02542 |
| 70B | Insurance | .00206 | .00228 | .00233 | .00248 | .00240 | .00570 | .01140 | .00254 | .00323 | .00716 |
| 71A | Owner-occupied dwellings | | | | | | | | | | |
| 71B | Real estate and royalties | .00324 | .01126 | .00869 | .00512 | .00949 | .01105 | .02058 | .02571 | .0130 | .02038 |
| 72A | Hotels and lodging places | .00269 | .00245 | .00271 | .00278 | .00225 | .00234 | .00348 | .00134 | .00258 | .00279 |
| 72B | Personal and repair services (except auto) | .00149 | .00057 | .00072 | .00067 | .00075 | .00078 | .00061 | .00098 | .00341 | .00231 |
| 73A | Computer and data processing services, including own-account software | .00663 | .00233 | .00380 | .00301 | .00139 | .01481 | .00228 | .00478 | .02072 | .08938 |
| 73B | Legal, engineering, accounting, and related services | .00738 | .00514 | .01080 | .00243 | .00525 | .00727 | .00539 | .01962 | .00938 | .05284 |
| 73C | Other business and professional services, except medical | .01553 | .0110 | .02333 | .02417 | .01490 | .02431 | .02506 | .09722 | .01613 | .03564 |
| 73D | Advertising | .00377 | .00530 | .01475 | .01385 | .03265 | .00393 | .00202 | .03505 | .01259 | .02629 |
| 74 | Eating and drinking places | .00282 | .00297 | .00315 | .00317 | .00295 | .00326 | .00345 | .00141 | .01763 | .00294 |
| 75 | Automotive repair and services | .00374 | .00210 | .00250 | .00261 | .00263 | .01204 | .05676 | .00065 | .00149 | .00596 |
| 76 | Amusements | .00051 | .00015 | .00047 | .00058 | .00037 | .00036 | .00065 | .00048 | .00074 | .00067 |
| 77A | Health services | | | | | | | .00037 | | | |
| 77B | Educational and social services, and membership organizations | .00326 | .00084 | .00225 | .00442 | .00349 | .00425 | .00050 | .00508 | .00069 | .00978 |
| 78 | Federal Government enterprises | .00077 | .00031 | .00097 | .00069 | .00194 | .00097 | .00136 | .00034 | .00068 | .00384 |
| 79 | State and local government enterprises | .00013 | .00028 | .00027 | .00014 | .00033 | .00172 | .00165 | | .00021 | .00031 |
| 80 | Noncomparable imports | .00156 | .00079 | .00276 | .00982 | .00206 | .00359 | .00415 | .09903 | .07415 | .00838 |
| 81 | Scrap, used and secondhand goods | | | | | .00002 | | .00003 | | | |
| 82 | General government industry | | | | | | | | | | |
| 83 | Rest of the world adjustment to final uses | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | |
| I | Total intermediate inputs | .52705 | .53269 | .44833 | .38572 | .48911 | .39528 | .52253 | .67798 | .49867 | .44321 |
| VA | Value added | .47295 | .46731 | .55167 | .61428 | .51089 | .60472 | .47747 | .32202 | .50133 | .55679 |
| T | **Total** [1] | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** |

* Less than .000005.

# Direct Requirements, 1996—Continued

of industry output, at producers' prices]

| Communications, except radio and TV | Radio and TV broadcasting | Electric services (utilities) | Gas production and distribution (utilities) | Water and sanitary services | Wholesale trade | Retail trade | Finance | Insurance | Owner-occupied dwellings | Real estate and royalties | Hotels and lodging places | Personal and repair services (exc. auto) | Computer and data processing services, including own-account software | Legal, engineering, accounting, and related services | Other business and professional services, except medical | Advertising | Commodity number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66 | 67 | 68A | 68B | 68C | 69A | 69B | 70A | 70B | 71A | 71B | 72A | 72B | 73A | 73B | 73C | 73D | |
| | | | | | | | | | | | | | | | .00020 | | 1 |
| (*) | | .00001 | .00001 | | .00014 | (*) | .00001 | .00001 | | .00004 | .00008 | | .00002 | .00002 | .00001 | | 2 |
| | | | | | | | | | | | .00005 | | | | | | 3 |
| .00023 | .00015 | .00011 | | | .00058 | .00116 | .00027 | .00027 | .00884 | .00602 | .00463 | .00051 | .00051 | .00050 | .00033 | .00035 | 4 |
| | | | | | | | | | | | | | | | | | 5+6 |
| | | .06817 | | | .00001 | .00001 | (*) | | | | .00001 | .00002 | | (*) | (*) | | 7 |
| | | .00005 | .43325 | | .00001 | .00001 | | | | | | | | | | | 8 |
| | | | | | .00001 | (*) | | | | | | .00003 | | | | | 9+10 |
| | | | | | | | | | | | | | | | | | 11 |
| .03901 | .00784 | .06672 | .07591 | .08785 | .00478 | .01007 | .00258 | .00264 | .04666 | .05609 | .02740 | .00573 | .00271 | .00152 | .00277 | .00178 | 12 |
| | | | | | | | | | | | | | | | .00024 | | 13 |
| | | | | | .00114 | .00025 | | | | | | .00256 | | | .00006 | | 14 |
| | | | | | | | | | | | | | | | | | 15 |
| | | | | | .00015 | .00010 | | | | | .00011 | .00148 | | | .00002 | | 16 |
| .00001 | | | | | .00009 | .00009 | (*) | | | (*) | .00023 | .00039 | | .00001 | .00002 | | 17 |
| .00045 | | .00001 | | | .00065 | .00005 | | | | | .00074 | .00399 | | | .00026 | | 18 |
| .00002 | | .00002 | | | .00037 | .00006 | .00024 | .00008 | | .00002 | .00801 | .00274 | | | .00002 | .00044 | 19 |
| .00012 | .00004 | .00006 | .00004 | .01056 | .00376 | .00026 | .00020 | .00025 | | .00010 | .00025 | .00058 | .00020 | | .00033 | .00018 | 20+21 |
| | | | | | | (*) | | | | (*) | | | .00001 | .00001 | (*) | | 22+23 |
| .00091 | .00038 | .00035 | .00020 | .00044 | .00391 | .00754 | .00199 | .00138 | | .00091 | .00296 | .00388 | .00785 | .00241 | .00366 | .0020 | 24 |
| .00047 | .00016 | .00010 | .00006 | .00015 | .00621 | .00165 | .00027 | .00020 | | .00014 | .00198 | .00062 | .00021 | .00036 | .00182 | .00023 | 25 |
| .00042 | .00022 | .00005 | .00001 | .00018 | .00052 | .00020 | .00060 | .00013 | | .00004 | .00080 | .00034 | .00027 | .00053 | .00043 | .00019 | 26A |
| .00346 | .00027 | .00046 | .00014 | .00019 | .01027 | .00093 | .00613 | .00575 | | .00108 | .00208 | .00871 | .00769 | .00693 | .00570 | .05968 | 26B |
| .00006 | .00042 | .00173 | .00003 | .02341 | .00056 | .00007 | .00010 | .00008 | (*) | .00007 | .00018 | .00164 | .00008 | .00017 | .00372 | .00006 | 27A |
| | | | | | .00075 | .00004 | .00010 | | .00090 | .00029 | | .00214 | | | (*) | | 27B |
| | | | | | .00001 | .00002 | | | | | | .00014 | | | | | 28 |
| .00002 | | | | | | | | | | | | | | | | | 29A |
| .00011 | | .00002 | .00004 | | .00081 | .00027 | .00004 | .00006 | | .00009 | .00104 | .01063 | .00003 | .00010 | .00114 | | 29B |
| .00029 | | | | .00008 | .00003 | .00005 | (*) | .00016 | | .00004 | .00001 | .00010 | | .00001 | .00016 | | 30 |
| .0010 | .00089 | .01027 | .02249 | .03205 | .00589 | .00478 | .00078 | .00045 | | .00089 | .00277 | .00365 | .00077 | .00074 | .00390 | .00043 | 31 |
| .00237 | .00014 | .00091 | .00010 | .00928 | .00467 | .00342 | .00025 | .00124 | .00013 | .00068 | .00392 | .00413 | .00162 | .00089 | .00312 | .00084 | 32 |
| .00001 | | .00001 | .00001 | | .00001 | .00029 | .00002 | .00001 | | .00001 | .00006 | .00298 | .00002 | .00007 | .00013 | | 33+34 |
| .00011 | | .00004 | | .00092 | .00027 | .00004 | .00006 | .00005 | | .00001 | .00386 | .00004 | .00003 | .00053 | .00081 | | 35 |
| | | .00002 | | .00141 | .00022 | .00005 | .00002 | | | | | .00077 | | .00010 | .00024 | | 36 |
| | | | .00002 | | .00016 | .00002 | (*) | | | | | .00009 | | .00001 | .00024 | | 37 |
| .00008 | | .00061 | | .00005 | .00073 | .00001 | | .00007 | | .00002 | | .00083 | | | .00006 | | 38 |
| | | .00001 | | | .00072 | | | | | | | | | | .00008 | | 39 |
| | | | | | .00022 | .00006 | | | .00029 | .00015 | | .00007 | | | | | 40 |
| .00183 | | .00024 | | | (*) | .00001 | | | | .00009 | | .00094 | | | .00029 | | 41 |
| .00140 | .00007 | .00020 | .00010 | .00433 | .00099 | .00118 | .00054 | .00084 | | .00034 | | .00067 | .00249 | .00036 | .0010 | .00034 | 42 |
| .00143 | | .00331 | | | .00004 | .00032 | .00001 | | | | | .00004 | | | .00042 | | 43 |
| | | | | | .00012 | | | .00043 | | | | | | | .00025 | | 44+45 |
| | | .00009 | | | .0010 | .00003 | | | | | | | | | .00051 | | 46 |
| .00003 | .00004 | .00049 | .00024 | .00016 | .00037 | .00010 | .00001 | | | .00001 | .00002 | .00055 | .00004 | .00005 | .00174 | .00047 | 47 |
| | | | | | .00011 | .00008 | | | | .00001 | | .00053 | .00002 | .00002 | .00159 | | 48 |
| .00199 | | .00038 | .00002 | .00013 | .00008 | .00002 | .00006 | | | .00002 | | .00041 | | | .00127 | | 49 |
| .00011 | .00020 | .00140 | .00008 | .00088 | .00152 | .00052 | .00004 | | | .00001 | .00016 | .00120 | .00019 | .00036 | .00147 | .00022 | 50 |
| .00174 | .00079 | .00006 | .00104 | | .00072 | .00026 | .00071 | .00105 | | .00011 | .00019 | .00630 | .06238 | .00182 | .00161 | .00176 | 51 |
| .00002 | | .00001 | .00001 | .00037 | .00033 | .00020 | (*) | (*) | | (*) | .00012 | .00320 | .00001 | .00002 | .00038 | .00007 | 52 |
| .00189 | .00115 | .00124 | .00001 | | .00018 | .00007 | .00004 | .00002 | | .00001 | .00021 | .00062 | | .00120 | .00305 | .00004 | 53 |
| | | | | | (*) | .00001 | (*) | | | .00008 | .00022 | .01257 | | | .00001 | | 54 |
| .00052 | | .00066 | .00001 | .0010 | .00031 | .00043 | .00004 | .00007 | | .00006 | .00023 | .00022 | .00001 | .00002 | .00051 | .00011 | 55 |
| .01728 | .00118 | | | | .00033 | .00008 | .00010 | .00001 | | .00001 | .00008 | .00013 | .00005 | .00017 | .00009 | .00008 | 56 |
| .01960 | .00560 | | | | .00956 | .00035 | .00012 | (*) | | (*) | | .00952 | .03833 | .00007 | .00255 | .00003 | 57 |
| .00088 | .00029 | .00062 | .00025 | .00152 | .00067 | .00058 | .00047 | .00077 | | .00008 | | .00056 | .00367 | .00138 | .00109 | .00048 | 58 |
| | | | | | | | | | | | | | | | | | 59A |
| .00018 | .00011 | .00007 | .00009 | .04389 | .00182 | .00319 | .00014 | .00022 | | .00011 | .00055 | .00082 | .00015 | .00012 | .00152 | .00081 | 59B |
| | | | | | | | | | | | | | | | | | 60 |
| | | | | | | (*) | | .00003 | | (*) | | | | | .00094 | | 61 |
| .00013 | .00017 | .00062 | .00018 | .03214 | .00011 | .00013 | (*) | .00035 | | .00009 | .00010 | .00086 | .00054 | .00016 | .00051 | .00005 | 62 |
| .00041 | .00070 | .00004 | .00007 | .00029 | .00107 | .00036 | .00093 | .00122 | | .00024 | .00042 | .00910 | .00097 | .00192 | .00250 | .00106 | 63 |
| .00040 | .00011 | .00014 | .00006 | .00015 | .00080 | .00065 | .00093 | .00048 | | .00021 | .00102 | .01410 | .00067 | .00087 | .00152 | .00091 | 64 |
| .0010 | .00073 | .02684 | .00050 | .00171 | .00112 | .00092 | .00082 | .00134 | .00001 | .00079 | .00089 | .00528 | .00088 | .00073 | .00181 | .00074 | 65A |
| .00130 | .00142 | .00346 | .00052 | .00522 | .00402 | .00285 | .00767 | .00341 | .00004 | .00099 | .00462 | .00528 | .00163 | .00262 | .00446 | .00152 | 65B |
| .00009 | .00001 | .00282 | .00007 | .00022 | .00009 | .00004 | .00001 | .00001 | (*) | .00003 | .00003 | .00003 | .00001 | .00001 | .00006 | (*) | 65C |
| .00336 | .00226 | .00225 | .00324 | .00267 | .00520 | .00306 | .00275 | .00390 | (*) | .00218 | .00456 | .00288 | .00360 | .00343 | .00498 | .00224 | 65D |
| .00005 | .00004 | .00012 | .00908 | .00040 | .00055 | .00008 | .00004 | .00005 | | .00003 | .01417 | .00007 | .00004 | .00004 | .00009 | .00003 | 65E |
| .13976 | .01713 | .00177 | .00060 | .02126 | .01904 | .01048 | .01381 | .01755 | | .00707 | .01237 | .01279 | .02090 | .01267 | .01383 | .01084 | 66 |
| .00056 | .02615 | | | | | | | | | | | | | | | .00657 | 67 |
| .00356 | .00519 | .00012 | .00150 | .00475 | .00779 | .01979 | .00346 | .00130 | | .00962 | .03694 | .01125 | .00284 | .00388 | .00336 | .00341 | 68A |
| .00042 | .00016 | .03072 | .22381 | .02308 | .00209 | .00158 | .00094 | .00017 | | .00167 | .00621 | .00398 | .00023 | .00048 | .00083 | .00023 | 68B |
| .00123 | .00147 | .00123 | .00028 | .06828 | .00180 | .00311 | .00207 | .00050 | | .00644 | .01363 | .00501 | .00036 | .00048 | .00083 | .00010 | 68C |
| .01032 | .00276 | .00497 | .00593 | .0290 | .02990 | .00506 | .00339 | .00259 | .00039 | .00144 | .00743 | .02192 | .02203 | .00481 | .01063 | .00958 | 69A |
| .00036 | .00029 | .00024 | .00031 | .00835 | .00259 | .00373 | .00024 | .00042 | .00041 | .00044 | .00162 | .00096 | .00023 | .00022 | .00203 | .00060 | 69B |
| .01041 | .00788 | .01441 | .00784 | .00701 | .01079 | .01802 | .18234 | .06641 | .01879 | .00885 | .05347 | .00923 | .00836 | .01175 | .00922 | .00556 | 70A |
| .00317 | .01020 | .00277 | .00212 | .01195 | .00367 | .00381 | .00361 | .27850 | .00676 | .00205 | .00291 | .00296 | .00125 | .00187 | .00284 | .00189 | 70B |
| | | | | | | | | | | | | | | | | | 71A |
| .01675 | .02356 | .00788 | .00259 | .00292 | .03031 | .06644 | .02796 | .03154 | .03340 | .06129 | .05843 | .05354 | .07206 | .04916 | .02367 | .00472 | 71B |
| .00299 | .00224 | .00209 | .00117 | .00207 | .00361 | .00305 | .00239 | .00399 | | .00231 | .00420 | .00232 | .00241 | .00432 | .00428 | .00213 | 72A |
| .00779 | .00483 | .00052 | .00003 | .00346 | .00253 | .00317 | .00085 | .00071 | | .00196 | .00731 | .04292 | .00178 | .00081 | .00188 | .0010 | 72B |
| .01198 | .01173 | .00965 | .00256 | .00145 | .01077 | .00656 | .02053 | .00639 | | .00090 | .00549 | .00477 | .08409 | .01601 | .01196 | .00437 | 73A |
| .03291 | .01308 | .00906 | .02144 | .03373 | .01288 | .00797 | .02649 | .02931 | .00472 | .01627 | .00907 | .03585 | .01383 | .07503 | .01873 | .04240 | 73B |
| .02333 | .02860 | .01285 | .00662 | .01286 | .05475 | .04144 | .03951 | .0420 | .00385 | .0280 | .09038 | .02991 | .03973 | .09409 | .05878 | .07516 | 73C |
| .01641 | .02568 | .00075 | .00022 | .00006 | .02576 | .04961 | .01652 | .01059 | | .00896 | .01789 | .02371 | .00852 | .00328 | .00806 | .00574 | 73D |
| .00298 | .00222 | .00258 | .00127 | .00222 | .00365 | .00392 | .00235 | .0040 | | .00228 | .00573 | .00272 | .00275 | .00250 | .00484 | .00211 | 74 |
| .00609 | .00477 | .00131 | .00160 | .00213 | .00881 | .00616 | .00232 | .01629 | | .00773 | .00652 | .00538 | .00607 | .00430 | .00651 | .01091 | 75 |
| .01453 | .44526 | .00046 | .00048 | .00038 | .00148 | .00102 | .00232 | .00082 | | .00045 | .00076 | .00060 | .00057 | .00058 | .00191 | .02234 | 76 |
| | | | | | | | | | | | | | | | .00001 | | 77A |
| .00227 | .00973 | .00588 | .00055 | .00059 | .00217 | .00099 | .00202 | .00140 | | .00091 | .00206 | .00358 | .01202 | .00428 | .00347 | .00230 | 77B |
| .00324 | .00104 | .00248 | .00104 | .00156 | .00612 | .00551 | .02647 | .00680 | | .00267 | .00449 | .00516 | .00544 | .00835 | .00569 | .00497 | 78 |
| .00022 | .00028 | .00012 | .00007 | | .00058 | .00067 | .00030 | .00011 | | .00081 | .00178 | .00073 | .00012 | .00027 | .00026 | .00021 | 79 |
| .02894 | | .00021 | | .00013 | .00777 | .00018 | .00989 | .00378 | | | .00175 | .00030 | .00337 | .00231 | .00404 | .00159 | 80 |
| | | | | | (*) | (*) | (*) | | | (*) | | .00001 | | | (*) | | 81 |
| | | | | | | | | | | | | | | | | | 82 |
| | | | | | | | | | | | | | | | | | 83 |
| | | | | | | | | | | | | | | | | | 84 |
| | | | | | | | | | | | | | | | | | 85 |
| .44503 | .66957 | .30684 | .81061 | .49886 | .32766 | .30934 | .41708 | .55171 | .12563 | .24502 | .44583 | .40591 | .44572 | .33120 | .26334 | .29540 | I |
| .55497 | .33043 | .69316 | .18939 | .50114 | .67234 | .69066 | .58292 | .44829 | .87437 | .75498 | .55417 | .59409 | .55428 | .66880 | .73666 | .70460 | VA |
| 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | T |

### Table 3.—Commodity-by-Industry Direct Requirements, 1996—Continued

[Direct requirements per dollar of industry output, at producers' prices]

| Com-modity number | For the composition of inputs to an industry, read the column for that industry | Eating and drinking places | Auto-motive repair and services | Amuse-ments | Health services | Educational and social services, and membership organizations | Federal Government enterprises | State and local government enterprises | General government industry | Household industry | Inventory valuation adjustment |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Industry number | 74 | 75 | 76 | 77A | 77B | 78 | 79 | 82 | 84 | 85 |
| 1 | Livestock and livestock products | .00130 | | .00040 | .00012 | .00046 | | | | | |
| 2 | Other agricultural products | .00673 | .00001 | .00150 | .00036 | .00055 | .00029 | | | | |
| 3 | Forestry and fishery products | .00725 | | .00006 | .00007 | | .00027 | | | | |
| 4 | Agricultural, forestry, and fishery services | .00073 | .00045 | .00189 | .00177 | .00167 | .00007 | .00359 | | | |
| 5+6 | Metallic ores mining | | | | | | | | | | |
| 7 | Coal mining | .00001 | .00001 | .00001 | .00001 | .00001 | .00822 | .00873 | | | |
| 8 | Crude petroleum and natural gas | | | | | | | .00716 | | | |
| 9+10 | Nonmetallic minerals mining | | | | | | .00001 | .00059 | | | |
| 11 | New construction, including own-account construction | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | .00767 | .00417 | .00864 | .00580 | .03667 | .02506 | .18188 | | | |
| 13 | Ordnance and accessories | | | .00017 | | | | | | | |
| 14 | Food and kindred products | .19916 | | .00557 | .00717 | .01102 | .00768 | | | | |
| 15 | Tobacco products | | | | | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | | | .00064 | .00006 | .00014 | .00017 | .00008 | | | |
| 17 | Miscellaneous textile goods and floor coverings | .00014 | .00038 | .00008 | .00010 | .00004 | .00019 | .00010 | | | |
| 18 | Apparel | .00003 | .00028 | .00087 | .00103 | .00039 | .00002 | .00034 | | | |
| 19 | Miscellaneous fabricated textile products | .00060 | .00102 | .00037 | .00121 | .00038 | .00282 | .00001 | | | |
| 20+21 | Lumber and wood products | .00016 | .00011 | .00075 | .00032 | .00143 | | | | | |
| 22+23 | Furniture and fixtures | | .00174 | .00001 | (*) | (*) | .00744 | | | | |
| 24 | Paper and allied products, except containers | .00298 | .00128 | .00168 | .00377 | .00488 | .00215 | .00045 | | | |
| 25 | Paperboard containers and boxes | .00319 | .00067 | .00076 | .00140 | .00131 | .00264 | | | | |
| 26A | Newspapers and periodicals | .00009 | .00028 | .00052 | .00065 | .00373 | .00012 | .00007 | | | |
| 26B | Other printing and publishing | .00263 | .00064 | .00213 | .00462 | .03993 | .01057 | .00157 | | | |
| 27A | Industrial and other chemicals | .00089 | .00158 | .00114 | .01458 | .00083 | .00168 | .01157 | | | |
| 27B | Agricultural fertilizers and chemicals | | | .00121 | .00007 | .00021 | | .00173 | | | |
| 28 | Plastics and synthetic materials | | | | .00030 | | | | | | |
| 29A | Drugs | | | .00005 | .01824 | .00023 | | .00003 | | | |
| 29B | Cleaning and toilet preparations | .00017 | .00072 | .00025 | .00108 | .00073 | .00082 | .00039 | | | |
| 30 | Paints and allied products | .00001 | .00236 | .00032 | (*) | .00023 | | | | | |
| 31 | Petroleum refining and related products | .00226 | .01360 | .00261 | .00172 | .00395 | .01735 | .03512 | | | |
| 32 | Rubber and miscellaneous plastics products | .00729 | .02220 | .00130 | .01193 | .00322 | .00033 | .00108 | | | |
| 33+34 | Footwear, leather, and leather products | .00001 | .00001 | .00050 | .00004 | .00037 | .00040 | | | | |
| 35 | Glass and glass products | .00139 | .00549 | .00004 | .00184 | .00120 | .00007 | .00044 | | | |
| 36 | Stone and clay products | .00125 | .00021 | .00002 | .00064 | .00004 | | .00516 | | | |
| 37 | Primary iron and steel manufacturing | | | .00001 | (*) | .00010 | | | | | |
| 38 | Primary nonferrous metals manufacturing | .00003 | .00004 | .00013 | .00002 | .00001 | .00075 | | | | |
| 39 | Metal containers | | | | | | | | | | |
| 40 | Heating, plumbing, and fabricated structural metal products | | | .00005 | | .00001 | | .00002 | | | |
| 41 | Screw machine products and stampings | .00021 | .01130 | .00018 | .00059 | .00032 | .00062 | .00002 | | | |
| 42 | Other fabricated metal products | .00034 | .01293 | .00082 | .00079 | .00132 | .00018 | .00026 | | | |
| 43 | Engines and turbines | .00001 | .00666 | | (*) | .00002 | .00138 | .00098 | | | |
| 44+45 | Farm, construction, and mining machinery | | | .00002 | | | | .00129 | | | |
| 46 | Materials handling machinery and equipment | | | | | | .00012 | | | | |
| 47 | Metalworking machinery and equipment | (*) | .00025 | .00007 | .00002 | .00007 | .00009 | .00014 | | | |
| 48 | Special industry machinery and equipment | .00081 | .00025 | | .00001 | .00001 | | | | | |
| 49 | General industrial machinery and equipment | .00102 | .00018 | | .00002 | | .00032 | .00014 | | | |
| 50 | Miscellaneous machinery, except electrical | .00012 | .00215 | .00025 | .00025 | .00043 | .00202 | .00924 | | | |
| 51 | Computer and office equipment | .00006 | .00007 | .00028 | .00230 | .00031 | .00008 | | | | |
| 52 | Service industry machinery | .00015 | .00667 | .00057 | .00019 | .00019 | .00031 | .00418 | | | |
| 53 | Electrical industrial equipment and apparatus | .00002 | .00291 | .00002 | .00019 | .00010 | | .00549 | | | |
| 54 | Household appliances | .00004 | | | .00004 | .00008 | | .00011 | | | |
| 55 | Electric lighting and wiring equipment | .00035 | .00363 | .00082 | .00108 | .00105 | .00048 | .00093 | | | |
| 56 | Audio, video, and communication equipment | .00006 | .00006 | .00009 | .00013 | .00025 | | .00018 | | | |
| 57 | Electronic components and accessories | | .00178 | .00001 | .00046 | .00075 | | .00037 | | | |
| 58 | Miscellaneous electrical machinery and supplies | .00012 | .00518 | .00461 | .00042 | .00078 | .00038 | .00152 | | | |
| 59A | Motor vehicles (passenger cars and trucks) | | .00052 | | | | | | | | |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00126 | .12776 | .00072 | .00061 | .00115 | .01754 | .00279 | | | |
| 60 | Aircraft and parts | | .00002 | | | | | | | | |
| 61 | Other transportation equipment | | | .00054 | | .00004 | .00028 | .00119 | | | |
| 62 | Scientific and controlling instruments | .00003 | .00088 | .00010 | .01597 | .00098 | .00002 | .00011 | | | |
| 63 | Ophthalmic and photographic equipment | .00006 | .00029 | .00047 | .00212 | .00180 | .00027 | .00011 | | | |
| 64 | Miscellaneous manufacturing | .00159 | .00027 | .00224 | .00052 | .00344 | .00041 | .00026 | | | |
| 65A | Railroads and related services; passenger ground transportation | .00174 | .00194 | .00088 | .00139 | .00113 | .00978 | .00569 | | | |
| 65B | Motor freight transportation and warehousing | .00777 | .00590 | .00229 | .00313 | .00394 | .02164 | .00703 | | | |
| 65C | Water transportation | .00005 | .00011 | .00003 | .00006 | .00013 | .02294 | .00455 | | | |
| 65D | Air transportation | .00324 | .00454 | .00316 | .00432 | .00353 | .02122 | .00115 | | | |
| 65E | Pipelines, freight forwarders, and related services | .00005 | .00177 | .00006 | .00005 | .00009 | .00020 | .00041 | | | |
| 66 | Communications, except radio and TV | .00378 | .00986 | .00838 | .01064 | .01026 | .00432 | .00424 | | | |
| 67 | Radio and TV broadcasting | | | | | | | | | | |
| 68A | Electric services (utilities) | .01883 | .00835 | .01575 | .01162 | .00912 | .00570 | .03385 | | | |
| 68B | Gas production and distribution (utilities) | .00335 | .00230 | .00129 | .00235 | .00231 | .00366 | .03319 | | | |
| 68C | Water and sanitary services | .00564 | .00293 | .00240 | .00309 | .00306 | .00740 | .01123 | | | |
| 69A | Wholesale trade | .04502 | .04189 | .01584 | .01735 | .01649 | .01430 | .01283 | | | |
| 69B | Retail trade | .00138 | .00741 | .00101 | .00077 | .00147 | .00027 | .00020 | | | |
| 70A | Finance | .00925 | .01662 | .00856 | .00677 | .01780 | .01017 | .01443 | | | |
| 70B | Insurance | .00188 | .00516 | .00248 | .00542 | .00332 | .00350 | .00202 | | | |
| 71A | Owner-occupied dwellings | | | | | | | | | | |
| 71B | Real estate and royalties | .04563 | .05078 | .05969 | .06516 | .10135 | .01581 | .02037 | | | |
| 72A | Hotels and lodging places | .00264 | .00332 | .00275 | .00409 | .00308 | .00039 | .00037 | | | |
| 72B | Personal and repair services (except auto) | .00253 | .01119 | .00274 | .00247 | .00220 | .00028 | .00104 | | | |
| 73A | Computer and data processing services, including own-account software | .00276 | .00432 | .00413 | .00832 | .01199 | .00198 | .00228 | | | |
| 73B | Legal, engineering, accounting, and related services | .00786 | .00764 | .02204 | .01642 | .01474 | .00361 | .03063 | | | |
| 73C | Other business and professional services, except medical | .02359 | .02242 | .03678 | .05508 | .07142 | .02970 | .01660 | | | |
| 73D | Advertising | .01995 | .01620 | .03557 | .00446 | .02436 | .00010 | .00239 | | | |
| 74 | Eating and drinking places | .01463 | .00342 | .00314 | .00663 | .00620 | .00132 | .00101 | | | |
| 75 | Automotive repair and services | .00484 | .01464 | .00670 | .00781 | .00651 | .00465 | .00411 | | | |
| 76 | Amusements | .01053 | .00071 | .16562 | .00057 | .00455 | | .00002 | | | |
| 77A | Health services | | | .00026 | .01851 | | | | | | |
| 77B | Educational and social services, and membership organizations | .00154 | .00076 | .00150 | .00331 | .00580 | .00050 | .00094 | | | |
| 78 | Federal Government enterprises | .00154 | .00346 | .00373 | .00917 | .00913 | .00140 | .00259 | | | |
| 79 | State and local government enterprises | .00071 | .00132 | .00032 | .00039 | .00047 | .00054 | .00998 | | | |
| 80 | Noncomparable imports | .00054 | .00110 | .00177 | .00005 | .00009 | .01601 | | | | |
| 81 | Scrap, used and secondhand goods | (*) | .00335 | –.0012 | | | | | | | |
| 82 | General government industry | | | | | | | | | | |
| 83 | Rest of the world adjustment to final uses | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | |
| I | Total intermediate inputs | .49351 | .49439 | .45318 | .37404 | .46138 | .31498 | .51255 | | | |
| VA | Value added | .50649 | .50561 | .54682 | .62596 | .53862 | .68502 | .48745 | 1.00000 | 1.00000 | 1.00000 |
| T | **Total** [1] | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** | **1.00000** |

\* Less than .000005.
1. Detail may not add to 1 because of rounding.

### Table 4.—Commodity-by-Commodity Total Requirements, 1996

[Total requirements, direct and indirect, per dollar of delivery to final demand, at producers' prices]

| Commodity number | Each entry represents the output required, directly and indirectly, of the commodity named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column | Livestock and livestock products | Other agricultural products | Forestry and fishery products | Agricultural, forestry, and fishery services | Metallic ores mining | Coal mining | Crude petroleum and natural gas | Nonmetallic minerals mining | New construction, including own-account construction | Maintenance and repair construction, including own-account construction | Ordnance and accessories |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Commodity number | 1 | 2 | 3 | 4 | 5+6 | 7 | 8 | 9+10 | 11 | 12 | 13 |
| 1 | Livestock and livestock products | 1.18457 | .00302 | .03077 | .03146 | .00082 | .00070 | .00045 | .00053 | .00080 | .00085 | .00056 |
| 2 | Other agricultural products | .41819 | 1.04027 | .05339 | .12892 | .00162 | .00161 | .00091 | .00089 | .00388 | .00402 | .00109 |
| 3 | Forestry and fishery products | .00326 | .00115 | 1.02753 | .00252 | .00136 | .00104 | .00067 | .00056 | .00661 | .00891 | .00087 |
| 4 | Agricultural, forestry, and fishery services | .08926 | .07303 | .22037 | 1.0203 | .00336 | .00212 | .00222 | .00132 | .00564 | .00651 | .00207 |
| 5+6 | Metallic ores mining | .00096 | .00068 | .00060 | .00063 | 1.1381 | .00158 | .00113 | .00169 | .00253 | .00222 | .00258 |
| 7 | Coal mining | .00301 | .00133 | .00102 | .00101 | .00758 | 1.1142 | .00207 | .00722 | .00195 | .00165 | .00167 |
| 8 | Crude petroleum and natural gas | .03647 | .03957 | .03370 | .02815 | .04310 | .03580 | 1.32613 | .05052 | .02088 | .02622 | .01038 |
| 9+10 | Nonmetallic minerals mining | .00397 | .00695 | .00330 | .00509 | .00262 | .00165 | .00123 | 1.03467 | .01129 | .01201 | .00076 |
| 11 | New construction, including own-account construction | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | 1.0000 | .......... | .......... |
| 12 | Maintenance and repair construction, including own-account construction | .03960 | .02581 | .03738 | .02015 | .0420 | .01875 | .05940 | .02218 | .01182 | 1.01134 | .01597 |
| 13 | Ordnance and accessories | .00001 | .00001 | .00001 | .00001 | .00001 | .00001 | .00001 | .00001 | .00002 | .00002 | 1.02647 |
| 14 | Food and kindred products | .30487 | .00415 | .06029 | .01904 | .00264 | .00235 | .00162 | .00198 | .00231 | .00233 | .00203 |
| 15 | Tobacco products | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| 16 | Broad and narrow fabrics, yarn and thread mills | .00267 | .00374 | .00249 | .00197 | .00053 | .00586 | .00027 | .00050 | .00196 | .00173 | .00211 |
| 17 | Miscellaneous textile goods and floor coverings | .00403 | .00275 | .00533 | .00324 | .00042 | .00051 | .00027 | .00038 | .00306 | .00288 | .0010 |
| 18 | Apparel | .00031 | .00019 | .00023 | .00020 | .00014 | .00036 | .00009 | .00013 | .00021 | .00021 | .00048 |
| 19 | Miscellaneous fabricated textile products | .00116 | .00197 | .00169 | .00229 | .00019 | .00020 | .00016 | .00016 | .00088 | .00102 | .00027 |
| 20+21 | Lumber and wood products | .01046 | .00933 | .00685 | .00432 | .01330 | .00864 | .00685 | .00378 | .07576 | .10377 | .00663 |
| 22+23 | Furniture and fixtures | .00009 | .00006 | .00007 | .00006 | .00009 | .00007 | .00005 | .00006 | .00287 | .00027 | .00029 |
| 24 | Paper and allied products, except containers | .01983 | .01001 | .00944 | .00764 | .00468 | .00439 | .00284 | .00450 | .01187 | .00955 | .00601 |
| 25 | Paperboard containers and boxes | .01209 | .00902 | .00691 | .00737 | .00225 | .00209 | .00096 | .00169 | .00391 | .00360 | .00389 |
| 26A | Newspapers and periodicals | .00052 | .00027 | .00030 | .00039 | .00021 | .00028 | .00018 | .00138 | .00030 | .00027 | .00032 |
| 26B | Other printing and publishing | .00582 | .00284 | .00419 | .00314 | .00272 | .00295 | .00211 | .00266 | .00395 | .00348 | .00263 |
| 27A | Industrial and other chemicals | .02156 | .02054 | .01411 | .02040 | .08123 | .02878 | .02029 | .03341 | .02017 | .01921 | .01851 |
| 27B | Agricultural fertilizers and chemicals | .04634 | .09151 | .04571 | .10261 | .00160 | .00091 | .00067 | .00069 | .00151 | .00169 | .00191 |
| 28 | Plastics and synthetic materials | .00734 | .00450 | .00437 | .00351 | .00439 | .00640 | .00164 | .00414 | .00140 | .01049 | .00966 |
| 29A | Drugs | .00592 | .00019 | .00048 | .00047 | .00008 | .00004 | .00003 | .00004 | .00004 | .00004 | .00005 |
| 29B | Cleaning and toilet preparations | .00219 | .00088 | .00160 | .00093 | .00056 | .00049 | .00035 | .00044 | .00102 | .00109 | .00041 |
| 30 | Paints and allied products | .00104 | .00061 | .00076 | .00074 | .00120 | .00086 | .00085 | .00076 | .00950 | .01002 | .00107 |
| 31 | Petroleum refining and related products | .03520 | .03371 | .03554 | .01845 | .03669 | .04155 | .01281 | .04466 | .02148 | .03019 | .00755 |
| 32 | Rubber and miscellaneous plastics products | .02371 | .01174 | .00930 | .00777 | .01534 | .02376 | .00441 | .01718 | .02974 | .03189 | .02278 |
| 33+34 | Footwear, leather, and leather products | .00091 | .00009 | .00013 | .00014 | .00004 | .00005 | .00004 | .00004 | .00010 | .00010 | .00005 |
| 35 | Glass and glass products | .00377 | .00072 | .00127 | .00111 | .00086 | .00095 | .00054 | .00108 | .00493 | .00263 | .00194 |
| 36 | Stone and clay products | .00304 | .0030 | .00240 | .00172 | .00744 | .01036 | .00618 | .00225 | .06594 | .03777 | .00345 |
| 37 | Primary iron and steel manufacturing | .00937 | .00554 | .00556 | .00406 | .05196 | .02613 | .02459 | .03040 | .03484 | .02924 | .02685 |
| 38 | Primary nonferrous metals manufacturing | .00845 | .00349 | .00434 | .00318 | .00817 | .00963 | .00433 | .00704 | .02770 | .02507 | .03599 |
| 39 | Metal containers | .00730 | .00070 | .00187 | .00106 | .00061 | .00034 | .00021 | .00035 | .00059 | .00060 | .00028 |
| 40 | Heating, plumbing, and fabricated structural metal products | .00274 | .00186 | .00226 | .00131 | .01395 | .00806 | .00373 | .00818 | .05722 | .0480 | .00281 |
| 41 | Screw machine products and stampings | .00218 | .00092 | .00116 | .00090 | .00387 | .00984 | .00105 | .00327 | .00496 | .00422 | .01092 |
| 42 | Other fabricated metal products | .01040 | .00669 | .00558 | .00506 | .00585 | .00904 | .00899 | .00528 | .02871 | .02435 | .01695 |
| 43 | Engines and turbines | .00078 | .00049 | .00175 | .00040 | .00622 | .00998 | .00078 | .00623 | .00088 | .00075 | .00118 |
| 44+45 | Farm, construction, and mining machinery | .00344 | .00338 | .00308 | .00176 | .03009 | .05753 | .00352 | .03323 | .00297 | .00257 | .00029 |
| 46 | Materials handling machinery and equipment | .00030 | .00023 | .00017 | .00018 | .00659 | .00758 | .00065 | .01405 | .00381 | .00044 | .00015 |
| 47 | Metalworking machinery and equipment | .00158 | .00094 | .00080 | .00055 | .00261 | .00190 | .00089 | .00143 | .00295 | .00235 | .00435 |
| 48 | Special industry machinery and equipment | .00075 | .00045 | .00046 | .00047 | .00078 | .00050 | .00027 | .00046 | .00070 | .00070 | .00323 |
| 49 | General industrial machinery and equipment | .00225 | .00154 | .00153 | .00093 | .00788 | .01703 | .00250 | .01153 | .01027 | .00511 | .00855 |
| 50 | Miscellaneous machinery, except electrical | .00386 | .00285 | .00229 | .00206 | .00704 | .01282 | .00379 | .00551 | .00486 | .00364 | .01186 |
| 51 | Computer and office equipment | .00129 | .00072 | .00085 | .00074 | .00095 | .00090 | .00076 | .00094 | .00142 | .00120 | .00435 |
| 52 | Service industry machinery | .00088 | .00054 | .00090 | .00056 | .00082 | .00070 | .0010 | .00067 | .01412 | .01370 | .00040 |
| 53 | Electrical industrial equipment and apparatus | .00205 | .00127 | .00144 | .00095 | .00536 | .00689 | .00243 | .00732 | .01039 | .00787 | .01295 |
| 54 | Household appliances | .00017 | .00012 | .00014 | .00011 | .00016 | .00010 | .00019 | .00009 | .00215 | .00258 | .00009 |
| 55 | Electric lighting and wiring equipment | .00178 | .00106 | .00123 | .00135 | .00101 | .00149 | .00377 | .00076 | .01772 | .01576 | .00191 |
| 56 | Audio, video, and communication equipment | .00056 | .00032 | .00037 | .00034 | .00039 | .00031 | .00040 | .00032 | .00470 | .00368 | .01327 |
| 57 | Electronic components and accessories | .00508 | .00304 | .00299 | .00273 | .00301 | .00316 | .00187 | .00317 | .00652 | .00559 | .08159 |
| 58 | Miscellaneous electrical machinery and supplies | .00593 | .00554 | .00279 | .00252 | .00123 | .00150 | .00062 | .00194 | .00336 | .00255 | .00099 |
| 59A | Motor vehicles (passenger cars and trucks) | .00006 | .00003 | .00006 | .00004 | .00005 | .00007 | .00002 | .00006 | .00006 | .00006 | .00009 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00487 | .00332 | .00565 | .00418 | .00394 | .00428 | .00191 | .00611 | .00428 | .00451 | .00202 |
| 60 | Aircraft and parts | .00026 | .00016 | .00030 | .00054 | .00028 | .00034 | .00019 | .00026 | .00023 | .00020 | .08102 |
| 61 | Other transportation equipment | .00056 | .00018 | .00051 | .00018 | .00044 | .00089 | .00015 | .00024 | .00055 | .00055 | .00019 |
| 62 | Scientific and controlling instruments | .00102 | .00047 | .00174 | .00091 | .00080 | .00052 | .00047 | .00043 | .00437 | .00357 | .06431 |
| 63 | Ophthalmic and photographic equipment | .00073 | .00040 | .00052 | .00066 | .00045 | .00064 | .00052 | .00039 | .00082 | .00070 | .00065 |
| 64 | Miscellaneous manufacturing | .00133 | .00085 | .00068 | .00059 | .00066 | .00062 | .00053 | .00071 | .00418 | .00384 | .00043 |
| 65A | Railroads and related services; passenger ground transportation | .02476 | .00599 | .00596 | .00606 | .01224 | .04348 | .00426 | .00886 | .00646 | .00637 | .00423 |
| 65B | Motor freight transportation and warehousing | .06167 | .02556 | .02030 | .02591 | .03207 | .03115 | .01028 | .03279 | .03739 | .03536 | .01655 |
| 65C | Water transportation | .00213 | .00128 | .02451 | .00105 | .00205 | .00369 | .00083 | .00152 | .00154 | .00156 | .00056 |
| 65D | Air transportation | .00723 | .00445 | .00854 | .01618 | .00672 | .00780 | .00525 | .00619 | .00575 | .00527 | .00908 |
| 65E | Pipelines, freight forwarders, and related services | .00572 | .00276 | .00393 | .00321 | .00356 | .00381 | .00219 | .00378 | .00271 | .00281 | .00188 |
| 66 | Communications, except radio and TV | .01580 | .00879 | .00887 | .01094 | .00558 | .00880 | .00853 | .00931 | .01359 | .01285 | .00978 |
| 67 | Radio and TV broadcasting | .00014 | .00006 | .00007 | .00008 | .00006 | .00006 | .00006 | .00007 | .00009 | .00008 | .00009 |
| 68A | Electric services (utilities) | .03526 | .01360 | .00980 | .00957 | .07860 | .03355 | .02238 | .04974 | .01307 | .01216 | .01511 |
| 68B | Gas production and distribution (utilities) | .01240 | .01286 | .00825 | .00890 | .02168 | .00981 | .08030 | .03309 | .00811 | .00733 | .00639 |
| 68C | Water and sanitary services | .00811 | .00816 | .00507 | .00320 | .00289 | .00275 | .00399 | .00293 | .00403 | .00396 | .00282 |
| 69A | Wholesale trade | .14837 | .07353 | .06108 | .06151 | .06647 | .07446 | .02726 | .06879 | .08280 | .07961 | .06058 |
| 69B | Retail trade | .00392 | .00212 | .00461 | .00206 | .00503 | .00374 | .00594 | .00609 | .04267 | .04932 | .00173 |
| 70A | Finance | .02545 | .01449 | .01988 | .01638 | .02004 | .02086 | .01667 | .01977 | .02012 | .01782 | .01665 |
| 70B | Insurance | .01804 | .01406 | .01245 | .00916 | .00983 | .00851 | .00598 | .00903 | .01386 | .00953 | .00625 |
| 71A | Owner-occupied dwellings | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 71B | Real estate and royalties | .13065 | .11458 | .05115 | .04278 | .03187 | .05476 | .25721 | .03552 | .03136 | .02964 | .02288 |
| 72A | Hotels and lodging places | .00417 | .00227 | .00426 | .00330 | .00516 | .00599 | .00452 | .00455 | .00390 | .00357 | .00496 |
| 72B | Personal and repair services (except auto) | .00331 | .00226 | .00248 | .00349 | .00208 | .00196 | .00148 | .00146 | .00258 | .00253 | .00244 |
| 73A | Computer and data processing services, including own-account software | .00806 | .00429 | .00544 | .00471 | .00706 | .00653 | .00473 | .00729 | .00832 | .00739 | .01320 |
| 73B | Legal, engineering, accounting, and related services | .01906 | .01269 | .03493 | .02407 | .02933 | .03150 | .03430 | .02126 | .08471 | .04471 | .01508 |
| 73C | Other business and professional services, except medical | .04835 | .03202 | .04288 | .03291 | .03948 | .03534 | .02765 | .03027 | .06430 | .06054 | .03886 |
| 73D | Advertising | .01933 | .00765 | .00999 | .01094 | .00730 | .00798 | .00737 | .00925 | .01155 | .01113 | .01257 |
| 74 | Eating and drinking places | .00426 | .00227 | .00449 | .00363 | .00598 | .00632 | .00468 | .00531 | .00420 | .00391 | .00558 |
| 75 | Automotive repair and services | .01430 | .00899 | .01246 | .01457 | .00905 | .00814 | .00638 | .00747 | .01276 | .01330 | .00719 |
| 76 | Amusements | .00437 | .00218 | .00395 | .01049 | .00183 | .00253 | .00216 | .00195 | .00260 | .00252 | .00272 |
| 77A | Health services | .02449 | .00010 | .00110 | .00105 | .00003 | .00003 | .00002 | .00003 | .00004 | .00004 | .00002 |
| 77B | Educational and social services, and membership organizations | .00340 | .00189 | .00524 | .00199 | .00491 | .00648 | .00228 | .00230 | .00222 | .00201 | .00266 |
| 78 | Federal Government enterprises | .00392 | .00216 | .00292 | .00292 | .00330 | .00247 | .00235 | .00265 | .00428 | .00388 | .00220 |
| 79 | State and local government enterprises | .00131 | .00081 | .00067 | .00101 | .00088 | .00065 | .00051 | .00039 | .00054 | .00051 | .00050 |
| 80 | Noncomparable imports | .00565 | .00354 | .00562 | .00390 | .01421 | .00590 | .01138 | .00527 | .00445 | .00403 | .00461 |
| 81 | Scrap, used and secondhand goods | .00095 | .00052 | .00055 | .00048 | .00247 | .00150 | .00120 | .00156 | .00276 | .00239 | .00256 |
| 82 | General government industry | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 83 | Rest of the world adjustment to final uses | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 84 | Household industry | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 85 | Inventory valuation adjustment | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| | **Total commodity output multiplier** | **3.03674** | **1.83665** | **2.05403** | **1.82057** | **2.01808** | **1.94263** | **2.08974** | **1.78037** | **2.08583** | **1.99755** | **1.83285** |

*Less than .000005.

### Table 4.—Commodity-by-Commodity
[Total requirements, direct and indirect, per dollar

| Commodity number | Each entry represents the output required, directly and indirectly, of the commodity named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column | Food and kindred products | Tobacco products | Broad and narrow fabrics, yarn and thread mills | Miscellaneous textile goods and floor coverings | Apparel | Miscellaneous fabricated textile products | Lumber and wood products | Furniture and fixtures | Paper and allied products, except containers | Paperboard containers and boxes | Newspapers and periodicals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Commodity number | 14 | 15 | 16 | 17 | 18 | 19 | 20+21 | 22+23 | 24 | 25 | 26A |
| 1 | Livestock and livestock products | .24466 | .00077 | .01902 | .01023 | .00764 | .00847 | .00421 | .00255 | .00328 | .00193 | .00075 |
| 2 | Other agricultural products | .19526 | .09330 | .13649 | .03267 | .04566 | .04933 | .00735 | .00914 | .00450 | .00275 | .00112 |
| 3 | Forestry and fishery products | .00918 | .00061 | .00096 | .00131 | .00462 | .00133 | .12047 | .01197 | .01060 | .00517 | .00144 |
| 4 | Agricultural, forestry, and fishery services | .02880 | .00720 | .01162 | .00429 | .00559 | .00521 | .02710 | .00458 | .00395 | .00252 | .00157 |
| 5+6 | Metallic ores mining | .00149 | .00032 | .00184 | .00244 | .00098 | .00122 | .00110 | .00351 | .00155 | .00169 | .00047 |
| 7 | Coal mining | .00275 | .00142 | .00407 | .0040 | .00295 | .00271 | .0020 | .0030 | .00622 | .00447 | .00139 |
| 8 | Crude petroleum and natural gas | .02670 | .00988 | .03835 | .04501 | .02464 | .02657 | .02193 | .01996 | .03578 | .03282 | .01106 |
| 9+10 | Nonmetallic minerals mining | .00233 | .00099 | .00284 | .00320 | .00136 | .00164 | .00166 | .00140 | .00579 | .00310 | .00098 |
| 11 | New construction, including own-account construction | | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | .02554 | .01091 | .02465 | .03106 | .02204 | .02047 | .01865 | .01814 | .03044 | .02513 | .01638 |
| 13 | Ordnance and accessories | .00002 | .00001 | .00001 | .00002 | .00003 | .00001 | .00001 | .00001 | .00001 | .00001 | .00002 |
| 14 | Food and kindred products | 1.25622 | .00242 | .00861 | .00875 | .00680 | .00935 | .00946 | .00593 | .01347 | .00755 | .00297 |
| 15 | Tobacco products | (*) | 1.07183 | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| 16 | Broad and narrow fabrics, yarn and thread mills | .00185 | .00098 | 1.24167 | .20294 | .37920 | .34082 | .00180 | .06352 | .00525 | .00271 | .00093 |
| 17 | Miscellaneous textile goods and floor coverings | .00191 | .00078 | .00242 | 1.02479 | .00415 | .06103 | .00345 | .03014 | .00931 | .00424 | .00128 |
| 18 | Apparel | .00026 | .00014 | .00411 | .00165 | 1.28307 | .03155 | .00032 | .00057 | .00032 | .00027 | .00014 |
| 19 | Miscellaneous fabricated textile products | .00081 | .00038 | .00095 | .00067 | .04201 | 1.02367 | .00046 | .00065 | .00029 | .00026 | .00016 |
| 20+21 | Lumber and wood products | .00994 | .00461 | .00560 | .00826 | .00527 | .00766 | 1.46784 | .13117 | .11948 | .05583 | .01516 |
| 22+23 | Furniture and fixtures | .00008 | .00006 | .00007 | .00009 | .00009 | .00009 | .00203 | 1.00502 | .00023 | .00015 | .00012 |
| 24 | Paper and allied products, except containers | .04206 | .02376 | .01112 | .01895 | .01149 | .01048 | .00915 | .01773 | 1.18947 | .50975 | .12930 |
| 25 | Paperboard containers and boxes | .02959 | .01767 | .00582 | .00756 | .00545 | .00475 | .00661 | .01828 | .01841 | 1.01252 | .00366 |
| 26A | Newspapers and periodicals | .00053 | .00075 | .00028 | .00041 | .00038 | .00030 | .00048 | .00039 | .00041 | .00094 | 1.02089 |
| 26B | Other printing and publishing | .00889 | .01460 | .00364 | .00476 | .00539 | .00459 | .00426 | .00451 | .00670 | .00532 | .08529 |
| 27A | Industrial and other chemicals | .02639 | .01266 | .12512 | .16728 | .05356 | .07564 | .02088 | .03225 | .09419 | .07483 | .02640 |
| 27B | Agricultural fertilizers and chemicals | .02005 | .00858 | .01504 | .00694 | .00563 | .00621 | .00894 | .00240 | .00294 | .00192 | .00073 |
| 28 | Plastics and synthetic materials | .01038 | .01401 | .21903 | .29402 | .09033 | .11724 | .01273 | .03516 | .04647 | .02809 | .00640 |
| 29A | Drugs | .00457 | .00005 | .00024 | .00024 | .00014 | .00015 | .00010 | .00007 | .00015 | .00011 | .00004 |
| 29B | Cleaning and toilet preparations | .00256 | .00275 | .00328 | .00776 | .00785 | .00230 | .00085 | .00166 | .00592 | .00290 | .00089 |
| 30 | Paints and allied products | .00158 | .00038 | .00125 | .00163 | .00084 | .00092 | .00329 | .01004 | .00146 | .00482 | .00048 |
| 31 | Petroleum refining and related products | .02150 | .00831 | .01899 | .02001 | .01469 | .01434 | .02096 | .01522 | .01957 | .02430 | .00789 |
| 32 | Rubber and miscellaneous plastics products | .03754 | .01346 | .02174 | .03251 | .02164 | .03283 | .02061 | .05555 | .05268 | .03142 | .01024 |
| 33+34 | Footwear, leather, and leather products | .00026 | .00006 | .00038 | .00026 | .00989 | .03009 | .00011 | .00161 | .00008 | .00008 | .00007 |
| 35 | Glass and glass products | .01198 | .00047 | .01222 | .00409 | .00439 | .00493 | .00510 | .00615 | .00170 | .00132 | .00054 |
| 36 | Stone and clay products | .00238 | .00109 | .00214 | .00311 | .00166 | .00175 | .01088 | .00651 | .00367 | .00270 | .00115 |
| 37 | Primary iron and steel manufacturing | .01276 | .00248 | .00528 | .00750 | .00466 | .00517 | .01390 | .06461 | .00843 | .01652 | .00284 |
| 38 | Primary nonferrous metals manufacturing | .01870 | .00199 | .00386 | .00539 | .00431 | .00390 | .00896 | .02708 | .00714 | .00969 | .00248 |
| 39 | Metal containers | .02836 | .00026 | .00123 | .00153 | .00074 | .00088 | .00063 | .00081 | .00105 | .00096 | .00029 |
| 40 | Heating, plumbing, and fabricated structural metal products | .00176 | .00073 | .00159 | .00212 | .00147 | .00146 | .01314 | .00265 | .00289 | .00212 | .00109 |
| 41 | Screw machine products and stampings | .00283 | .00060 | .00099 | .00134 | .00099 | .00106 | .00767 | .01546 | .00205 | .00226 | .00075 |
| 42 | Other fabricated metal products | .00974 | .00338 | .00409 | .00507 | .00340 | .00359 | .02055 | .06667 | .00970 | .01337 | .00276 |
| 43 | Engines and turbines | .00060 | .00024 | .00055 | .00064 | .00049 | .00060 | .00070 | .00061 | .00067 | .00064 | .00032 |
| 44+45 | Farm, construction, and mining machinery | .00135 | .00045 | .00099 | .00076 | .00055 | .00055 | .00066 | .00050 | .00082 | .00060 | .00022 |
| 46 | Materials handling machinery and equipment | .00026 | .00011 | .00026 | .00029 | .00025 | .00022 | .00057 | .00030 | .00033 | .00028 | .00013 |
| 47 | Metalworking machinery and equipment | .00143 | .00079 | .00135 | .00145 | .00105 | .00131 | .00222 | .00325 | .00174 | .00215 | .00062 |
| 48 | Special industry machinery and equipment | .00135 | .00059 | .00333 | .01540 | .00551 | .00451 | .00191 | .00248 | .00498 | .00708 | .00183 |
| 49 | General industrial machinery and equipment | .00223 | .00054 | .00117 | .00166 | .00117 | .00108 | .00306 | .00479 | .00188 | .00172 | .00064 |
| 50 | Miscellaneous machinery, except electrical | .00366 | .00134 | .00537 | .00587 | .00377 | .00465 | .00548 | .00689 | .00621 | .00645 | .00201 |
| 51 | Computer and office equipment | .00130 | .00107 | .00131 | .00159 | .00145 | .00115 | .00118 | .00124 | .00160 | .00148 | .00176 |
| 52 | Service industry machinery | .00082 | .00056 | .00066 | .00080 | .00062 | .00058 | .00258 | .00083 | .00102 | .00078 | .00046 |
| 53 | Electrical industrial equipment and apparatus | .00199 | .00127 | .00156 | .00231 | .00167 | .00150 | .00203 | .00289 | .00219 | .00211 | .00099 |
| 54 | Household appliances | .00014 | .00007 | .00020 | .00021 | .00016 | .00015 | .00352 | .00041 | .00043 | .00026 | .00011 |
| 55 | Electric lighting and wiring equipment | .00123 | .00092 | .00084 | .00093 | .00072 | .00068 | .00343 | .00104 | .00133 | .00096 | .00056 |
| 56 | Audio, video, and communication equipment | .00046 | .00033 | .00037 | .00048 | .00043 | .00037 | .00038 | .00042 | .00045 | .00044 | .00042 |
| 57 | Electronic components and accessories | .00446 | .00254 | .00374 | .00452 | .00427 | .00355 | .00435 | .00438 | .00475 | .00444 | .00334 |
| 58 | Miscellaneous electrical machinery and supplies | .00238 | .00093 | .00131 | .00097 | .00097 | .00083 | .00120 | .00074 | .00085 | .00082 | .00076 |
| 59A | Motor vehicles (passenger cars and trucks) | .00005 | .00002 | .00004 | .00004 | .00004 | .00012 | .00009 | .00004 | .00005 | .00005 | .00003 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00418 | .00175 | .00305 | .00337 | .00290 | .00262 | .00917 | .00347 | .00398 | .00394 | .00274 |
| 60 | Aircraft and parts | .00032 | .00021 | .00028 | .00032 | .00042 | .00032 | .00028 | .00032 | .00030 | .00036 | .00022 |
| 61 | Other transportation equipment | .00040 | .00013 | .00030 | .00037 | .00030 | .00033 | .00042 | .00027 | .00044 | .00049 | .00021 |
| 62 | Scientific and controlling instruments | .00063 | .00037 | .00056 | .00076 | .00048 | .00049 | .00078 | .00086 | .00099 | .00087 | .00081 |
| 63 | Ophthalmic and photographic equipment | .00074 | .00071 | .00069 | .00078 | .00085 | .00064 | .00073 | .00075 | .00083 | .00075 | .00366 |
| 64 | Miscellaneous manufacturing | .00091 | .00076 | .00082 | .00080 | .01552 | .00230 | .00160 | .00095 | .00075 | .00066 | .00090 |
| 65A | Railroads and related services; passenger ground transportation | .01666 | .00385 | .01185 | .01446 | .00760 | .00779 | .01312 | .00983 | .01821 | .02138 | .00667 |
| 65B | Motor freight transportation and warehousing | .05042 | .01535 | .03521 | .04781 | .03481 | .03446 | .05158 | .03867 | .06016 | .07894 | .02330 |
| 65C | Water transportation | .00195 | .00056 | .00150 | .00225 | .00115 | .00119 | .00447 | .00157 | .00244 | .00197 | .00079 |
| 65D | Air transportation | .00914 | .0060 | .00813 | .00916 | .01218 | .00926 | .0080 | .00859 | .00841 | .01024 | .00647 |
| 65E | Pipelines, freight forwarders, and related services | .00402 | .00157 | .00336 | .00411 | .00328 | .00303 | .00367 | .0030 | .00422 | .00502 | .00192 |
| 66 | Communications, except radio and TV | .01279 | .00854 | .01067 | .01364 | .01316 | .01131 | .01109 | .01259 | .01149 | .01301 | .01323 |
| 67 | Radio and TV broadcasting | .00030 | .00075 | .00010 | .00016 | .00019 | .00012 | .00010 | .00015 | .00012 | .00010 | .00022 |
| 68A | Electric services (utilities) | .02412 | .00767 | .04119 | .03376 | .02963 | .02712 | .02168 | .02150 | .03549 | .02794 | .01179 |
| 68B | Gas production and distribution (utilities) | .01493 | .00421 | .02035 | .02419 | .01598 | .01589 | .00943 | .01173 | .0260 | .01819 | .00639 |
| 68C | Water and sanitary services | .00633 | .00215 | .00637 | .00807 | .00451 | .00544 | .00458 | .01004 | .00719 | .00273 |
| 69A | Wholesale trade | .13982 | .04735 | .10399 | .10586 | .11318 | .10273 | .13304 | .12539 | .10039 | .11457 | .04974 |
| 69B | Retail trade | .00491 | .00471 | .00330 | .00354 | .00290 | .00275 | .00344 | .00393 | .00451 | .00365 | .00235 |
| 70A | Finance | .02426 | .01744 | .02057 | .02391 | .02486 | .02179 | .02121 | .02162 | .02131 | .02238 | .01636 |
| 70B | Insurance | .01265 | .00762 | .00956 | .00993 | .01021 | .00906 | .00946 | .00852 | .00902 | .00958 | .00646 |
| 71A | Owner-occupied dwellings | | | | | | | | | | | |
| 71B | Real estate and royalties | .05973 | .02786 | .04086 | .03652 | .04432 | .04146 | .03296 | .03307 | .02950 | .03061 | .04988 |
| 72A | Hotels and lodging places | .00592 | .00528 | .00570 | .00687 | .00747 | .00631 | .00596 | .00596 | .00597 | .00648 | .00470 |
| 72B | Personal and repair services (except auto) | .00386 | .00262 | .00967 | .00850 | .00648 | .00524 | .00375 | .00356 | .00552 | .00513 | .00239 |
| 73A | Computer and data processing services, including own-account software | .00953 | .00680 | .01047 | .01275 | .01023 | .00901 | .00919 | .00916 | .01234 | .01202 | .00983 |
| 73B | Legal, engineering, accounting, and related services | .01772 | .02071 | .02244 | .02848 | .02029 | .01988 | .01801 | .02131 | .01774 | .01650 | .02185 |
| 73C | Other business and professional services, except medical | .04826 | .03152 | .04559 | .04928 | .11462 | .04468 | .04454 | .04848 | .04604 | .04765 | .06508 |
| 73D | Advertising | .04235 | .10790 | .01290 | .02181 | .02608 | .01592 | .01411 | .02072 | .01654 | .01351 | .03125 |
| 74 | Eating and drinking places | .00632 | .00550 | .00652 | .00756 | .00876 | .00742 | .00683 | .00701 | .00653 | .00707 | .00498 |
| 75 | Automotive repair and services | .01484 | .00860 | .01396 | .01606 | .01243 | .01143 | .01405 | .01143 | .01705 | .01752 | .00954 |
| 76 | Amusements | .00720 | .01536 | .00279 | .00408 | .00518 | .00310 | .00332 | .00375 | .00357 | .00326 | .00544 |
| 77A | Health services | .00513 | .00003 | .00041 | .00023 | .00018 | .00019 | .00016 | .00008 | .00010 | .00008 | .00003 |
| 77B | Educational and social services, and membership organizations | .00315 | .00285 | .00317 | .00367 | .00360 | .00849 | .00541 | .00419 | .00387 | .00325 | .00261 |
| 78 | Federal Government enterprises | .00371 | .00385 | .00329 | .00420 | .00461 | .00412 | .00351 | .00414 | .00337 | .00352 | .00885 |
| 79 | State and local government enterprises | .00154 | .00078 | .00099 | .00124 | .00119 | .00106 | .00104 | .00110 | .00206 | .00139 | .00074 |
| 80 | Noncomparable imports | .00687 | .00332 | .00715 | .00833 | .00625 | .00539 | .00454 | .00544 | .00660 | .00615 | .00486 |
| 81 | Scrap, used and secondhand goods | .00163 | .00037 | .00057 | .00295 | .00051 | .00067 | .00111 | .00411 | .00870 | .00458 | .00112 |
| 82 | General government industry | | | | | | | | | | | |
| 83 | Rest of the world adjustment to final uses | | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | | |
| | **Total commodity output multiplier** | **2.69314** | **1.72148** | **2.45202** | **2.53155** | **2.67441** | **2.37863** | **2.3897** | **2.18865** | **2.25947** | **2.4467** | **1.75444** |

* Less than .000005.

## Total Requirements, 1996—Continued

of delivery to final demand, at producers' prices]

| Other printing and publishing | Industrial and other chemicals | Agricultural fertilizers and chemicals | Plastics and synthetic materials | Drugs | Cleaning and toilet preparations | Paints and allied products | Petroleum refining and related products | Rubber and miscellaneous plastics products | Footwear, leather, and leather products | Glass and glass products | Stone and clay products | Primary iron and steel manufacturing | Primary nonferrous metals manufacturing | Metal containers | Heating, plumbing, and fabricated structural metal products | Screw machine products and stampings | Other fabricated metal products | Commodity number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26B | 27A | 27B | 28 | 29A | 29B | 30 | 31 | 32 | 33+34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | |
| .00103 | .00519 | .00570 | .00349 | .00273 | .00632 | .00435 | .00084 | .00204 | .04028 | .00084 | .00085 | .00065 | .00079 | .00107 | .00066 | .00066 | .00072 | 1 |
| .00164 | .01104 | .00617 | .01144 | .00610 | .00610 | .00626 | .00141 | .00545 | .03796 | .00149 | .00172 | .00107 | .00154 | .00169 | .00106 | .00105 | .00126 | 2 |
| .00227 | .00162 | .0020 | .00167 | .00153 | .00193 | .00178 | .00078 | .01187 | .00258 | .00309 | .00138 | .00099 | .00169 | .00132 | .00117 | .00095 | .00129 | 3 |
| .00165 | .00280 | .00252 | .00266 | .00213 | .00238 | .00217 | .00204 | .00415 | .00616 | .00208 | .00168 | .00164 | .00194 | .00188 | .00142 | .00137 | .00150 | 4 |
| .00083 | .01345 | .00401 | .00601 | .00086 | .00267 | .00625 | .00150 | .00260 | .00156 | .00265 | .00189 | .03849 | .05966 | .03141 | .01323 | .01274 | .01082 | 5+6 |
| .00198 | .00472 | .00413 | .00452 | .00167 | .00226 | .00270 | .00243 | .00324 | .00249 | .00789 | .00822 | .02093 | .00457 | .00738 | .00526 | .00658 | .00508 | 7 |
| .01665 | .15895 | .16863 | .08861 | .01503 | .04412 | .05967 | .78785 | .03661 | .03011 | .03348 | .04010 | .03426 | .02803 | .03145 | .01964 | .02054 | .02116 | 8 |
| .00149 | .01235 | .14633 | .00617 | .00112 | .00291 | .00480 | .00429 | .00269 | .00175 | .01336 | .06396 | .00526 | .0020 | .00242 | .00175 | .00212 | .00177 | 9+10 |
| | | | | | | | | | | | | | | | | | | 11 |
| .01811 | .03428 | .03326 | .03297 | .01931 | .02186 | .02253 | .05250 | .02433 | .02571 | .02382 | .02287 | .02746 | .02444 | .02866 | .01764 | .02685 | .01995 | 12 |
| .00001 | .00002 | .00002 | .00002 | .00002 | .00002 | .00001 | .00001 | .00001 | .00001 | .00001 | .00001 | .00002 | .00002 | .00002 | .00002 | .00002 | .00002 | 13 |
| .00398 | .01227 | .02652 | .00857 | .01004 | .02078 | .01795 | .00335 | .00517 | .17970 | .00289 | .00303 | .00253 | .00295 | .00409 | .00255 | .00262 | .00270 | 14 |
| (*) | .00001 | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | 15 |
| .00237 | .00097 | .00077 | .01308 | .00097 | .00211 | .00221 | .00054 | .01592 | .05138 | .00128 | .00493 | .00075 | .00132 | .00112 | .00084 | .00093 | .00160 | 16 |
| .00226 | .00063 | .00056 | .00119 | .00084 | .00172 | .00048 | .00035 | .01011 | .02742 | .00093 | .00050 | .00052 | .00056 | .00060 | .00056 | .00065 | .00087 | 17 |
| .00019 | .00022 | .00021 | .00052 | .00021 | .00027 | .00023 | .00016 | .00049 | .00342 | .00018 | .00019 | .00026 | .00025 | .00031 | .00021 | .00024 | .00032 | 18 |
| .00019 | .00027 | .00025 | .00030 | .00025 | .00036 | .00023 | .00026 | .00038 | .00076 | .00024 | .00037 | .00025 | .00025 | .00030 | .00021 | .00048 | .00023 | 19 |
| .02198 | .00731 | .00636 | .00760 | .00535 | .00905 | .00499 | .00706 | .01067 | .00712 | .02794 | .01287 | .00925 | .01156 | .00979 | .00758 | .00760 | .00863 | 20+21 |
| .00010 | .00008 | .00008 | .00008 | .00007 | .00008 | .00007 | .00007 | .00009 | .00009 | .00013 | .00009 | .00010 | .00010 | .00011 | .00009 | .00030 | .00010 | 22+23 |
| .19270 | .01481 | .01427 | .02522 | .02166 | .03926 | .01094 | .00571 | .02806 | .02616 | .02775 | .02020 | .00648 | .00788 | .01510 | .00843 | .01065 | .01435 | 24 |
| .00885 | .00889 | .00902 | .00933 | .01714 | .04501 | .00480 | .00280 | .01644 | .01198 | .04229 | .00577 | .00271 | .00450 | .00729 | .00679 | .00817 | .00828 | 25 |
| .00219 | .00044 | .00045 | .00041 | .00082 | .00073 | .00037 | .00029 | .00038 | .00047 | .00027 | .00037 | .00034 | .00032 | .00043 | .00033 | .00035 | .00032 | 26A |
| 1.11528 | .00929 | .00929 | .00461 | .01206 | .00512 | .00346 | .00407 | .00687 | .00311 | .00325 | .00547 | .00423 | .01259 | .00395 | .00452 | .00452 | .00402 | 26B |
| .04877 | 1.31391 | .17506 | .43499 | .04808 | .16161 | .31538 | .04090 | .15164 | .09141 | .06399 | .04451 | .02903 | .03651 | .04617 | .02881 | .02258 | .03353 | 27A |
| .00111 | .01472 | 1.1216 | .01254 | .00170 | .00319 | .00517 | .00108 | .00409 | .00517 | .00128 | .00102 | .00080 | .00136 | .00129 | .00079 | .00072 | .00090 | 27B |
| .01214 | .01789 | .00810 | 1.05404 | .02013 | .13963 | .00315 | .00568 | .19813 | .03076 | .00949 | .01160 | .00444 | .02856 | .01848 | .00936 | .00944 | .01712 | 28 |
| .00007 | .00104 | .00186 | .00043 | 1.11953 | .00288 | .00032 | .00006 | .00016 | .00083 | .00008 | .00006 | .00005 | .00006 | .00008 | .00005 | .00004 | .00005 | 29A |
| .00129 | .00331 | .00643 | .00726 | .00182 | 1.05863 | .00225 | .00368 | .00275 | .00596 | .00264 | .00298 | .00064 | .00074 | .00082 | .00059 | .00070 | .00086 | 29B |
| .00073 | .00689 | .00189 | .00366 | .00074 | .00227 | 1.01912 | .00101 | .00210 | .00124 | .00195 | .00224 | .00132 | .00117 | .03255 | .00591 | .00355 | .00812 | 30 |
| .01028 | .03956 | .03011 | .02571 | .00829 | .02831 | .02392 | 1.11057 | .01635 | .01945 | .01671 | .02527 | .01926 | .01844 | .01991 | .01279 | .01315 | .01286 | 31 |
| .02631 | .02505 | .02198 | .05392 | .03393 | .08472 | .01626 | .00952 | 1.07524 | .05469 | .03335 | .01648 | .01116 | .02362 | .01778 | .02031 | .01501 | .03607 | 32 |
| .00015 | .00007 | .00007 | .00009 | .00007 | .00010 | .00006 | .00006 | .00021 | 1.34507 | .00006 | .00006 | .00007 | .00006 | .00008 | .00008 | .00008 | .00012 | 33+34 |
| .00083 | .00263 | .00235 | .00252 | .00498 | .00674 | .00190 | .0040 | .00906 | .00337 | 1.10579 | .00391 | .01077 | .00490 | .00627 | .00254 | .00263 | .00263 | 35 |
| .00151 | .00441 | .00422 | .00325 | .00167 | .00235 | .01583 | .00693 | .00394 | .00261 | .01706 | 1.12061 | .02201 | .00673 | .00906 | .00731 | .00924 | .00762 | 36 |
| .00493 | .01594 | .01083 | .00974 | .00419 | .00991 | .01521 | .01788 | .01628 | .00920 | .00985 | .02154 | 1.23584 | .03389 | .26067 | .22839 | .29378 | .16572 | 37 |
| .00443 | .01027 | .00728 | .00642 | .00377 | .01081 | .02216 | .00477 | .00822 | .00783 | .00748 | .00788 | .04407 | 1.4461 | .57474 | .13357 | .09120 | .09519 | 38 |
| .00047 | .00724 | .00635 | .00355 | .00212 | .01297 | .03525 | .00139 | .00127 | .00519 | .00058 | .00052 | .00044 | .00060 | 1.09673 | .00055 | .00052 | .00075 | 39 |
| .00138 | .00256 | .00236 | .00217 | .00124 | .00151 | .00154 | .00322 | .00234 | .00165 | .00198 | .00266 | .0030 | .00270 | .00265 | 1.03844 | .00312 | .00353 | 40 |
| .00110 | .00166 | .00139 | .00142 | .00203 | .00280 | .00143 | .00110 | .00443 | .00203 | .00279 | .00307 | .00750 | .00304 | .00419 | .0170 | 1.01949 | .02401 | 41 |
| .00383 | .01230 | .00799 | .00756 | .00348 | .00785 | .00616 | .00802 | .01161 | .01275 | .00444 | .01171 | .02865 | .01680 | .03228 | .04417 | .03254 | 1.07284 | 42 |
| .00040 | .00088 | .00091 | .00070 | .00032 | .00048 | .00059 | .00076 | .00083 | .00048 | .00069 | .00104 | .00191 | .00107 | .00111 | .00119 | .00158 | .00180 | 43 |
| .00032 | .00208 | .00240 | .00114 | .00030 | .00057 | .00085 | .00250 | .00061 | .00061 | .00110 | .00294 | .00248 | .00203 | .00150 | .00086 | .00108 | .00082 | 44+45 |
| .00017 | .00073 | .00092 | .00042 | .00020 | .00027 | .00035 | .00056 | .00030 | .00024 | .00040 | .00116 | .00096 | .00089 | .00070 | .00041 | .00042 | .00036 | 46 |
| .00105 | .00161 | .00101 | .00163 | .00071 | .00133 | .00130 | .00101 | .00331 | .00132 | .00654 | .00372 | .01231 | .01677 | .01111 | .01142 | .02964 | .00877 | 47 |
| .00578 | .00851 | .00191 | .00455 | .00099 | .00231 | .00259 | .00059 | .00637 | .00189 | .00262 | .00069 | .00103 | .00260 | .00171 | .00085 | .00084 | .00099 | 48 |
| .00092 | .00216 | .00241 | .00197 | .00152 | .00129 | .00152 | .00212 | .00187 | .00119 | .00148 | .00316 | .02551 | .01171 | .01021 | .00945 | .01042 | .00651 | 49 |
| .00349 | .00794 | .00397 | .00650 | .00234 | .00455 | .00401 | .00409 | .01107 | .00551 | .00969 | .00583 | .01282 | .01076 | .01286 | .01211 | .03188 | .01553 | 50 |
| .00171 | .00168 | .00161 | .00170 | .00144 | .00139 | .00127 | .00140 | .00144 | .00159 | .00129 | .00131 | .00190 | .00159 | .00194 | .00136 | .00169 | .00153 | 51 |
| .00051 | .00131 | .00087 | .0010 | .00053 | .00093 | .00070 | .00098 | .00075 | .00069 | .00081 | .00071 | .00077 | .00067 | .00079 | .00115 | .00096 | .00069 | 52 |
| .00138 | .00352 | .00229 | .00242 | .00131 | .00228 | .00206 | .00219 | .00251 | .00161 | .00536 | .00247 | .01538 | .00811 | .00719 | .00731 | .00715 | .01045 | 53 |
| .00014 | .00017 | .00017 | .00018 | .00010 | .00012 | .00012 | .00020 | .00015 | .00013 | .00020 | .00015 | .00018 | .00015 | .00018 | .00013 | .00016 | .00013 | 54 |
| .00065 | .00124 | .00129 | .00112 | .00081 | .00125 | .00090 | .00279 | .00136 | .00085 | .00121 | .00127 | .00096 | .00182 | .00132 | .00080 | .00112 | .00086 | 55 |
| .00043 | .00047 | .00046 | .00050 | .00052 | .00048 | .00041 | .00047 | .00041 | .00046 | .00037 | .00038 | .00046 | .00046 | .00054 | .00043 | .00052 | .00044 | 56 |
| .00392 | .00473 | .00414 | .00446 | .00464 | .00412 | .00403 | .00327 | .00455 | .00442 | .00366 | .00366 | .00581 | .0070 | .00684 | .00511 | .00611 | .00573 | 57 |
| .00064 | .00088 | .00091 | .00085 | .00063 | .00073 | .00071 | .00078 | .00090 | .00097 | .00062 | .00113 | .00097 | .00113 | .00106 | .00078 | .00109 | .00080 | 58 |
| .00003 | .00004 | .00005 | .00004 | .00002 | .00003 | .00004 | .00003 | .00004 | .00004 | .00004 | .00005 | .00006 | .00005 | .00006 | .00010 | .00009 | .00004 | 59A |
| .00270 | .00335 | .0040 | .00334 | .00194 | .00258 | .00297 | .00256 | .00299 | .00307 | .00320 | .00459 | .00408 | .00366 | .00432 | .00308 | .00643 | .00285 | 59B |
| .00026 | .00033 | .00029 | .00031 | .00028 | .00031 | .00028 | .00020 | .00034 | .00040 | .00024 | .00024 | .00034 | .00038 | .00042 | .00036 | .00035 | .00054 | 60 |
| .00024 | .00040 | .00048 | .00040 | .00020 | .00033 | .00054 | .00024 | .00034 | .00026 | .00044 | .00044 | .00056 | .00041 | .00046 | .00036 | .00033 | .00027 | 61 |
| .00161 | .00178 | .00120 | .00113 | .00090 | .00085 | .00110 | .00072 | .00079 | .00069 | .00112 | .00088 | .00223 | .00081 | .00106 | .00307 | .00124 | .00105 | 62 |
| .00741 | .00091 | .00081 | .00084 | .00104 | .00098 | .00093 | .00067 | .00076 | .00071 | .00061 | .00058 | .00078 | .00071 | .00106 | .00072 | .00079 | .00067 | 63 |
| .00176 | .00073 | .00069 | .00072 | .00121 | .00095 | .00063 | .00067 | .00081 | .00208 | .00058 | .00137 | .00071 | .00064 | .00080 | .00069 | .00068 | .00072 | 64 |
| .00917 | .01526 | .01927 | .01578 | .00547 | .01195 | .02435 | .00674 | .01267 | .00860 | .01897 | .01638 | .02379 | .01661 | .01834 | .01088 | .01218 | .00990 | 65A |
| .03637 | .04667 | .08460 | .04788 | .01576 | .03531 | .05286 | .01760 | .05474 | .04574 | .03339 | .09316 | .05440 | .06368 | .06837 | .03946 | .04066 | .03559 | 65B |
| .00103 | .00265 | .00269 | .00260 | .00180 | .00225 | .00285 | .00308 | .00228 | .00131 | .00222 | .0050 | .00314 | .00207 | .00230 | .00136 | .00162 | .00142 | 65C |
| .00759 | .00807 | .00797 | .00847 | .00808 | .00842 | .00790 | .00558 | .0080 | .01166 | .00681 | .00675 | .00875 | .00953 | .01127 | .00783 | .00836 | .00772 | 65D |
| .00263 | .00737 | .00606 | .00529 | .00195 | .00379 | .00483 | .03048 | .00395 | .00392 | .00304 | .00536 | .00407 | .00419 | .00474 | .00289 | .00313 | .00279 | 65E |
| .01151 | .01217 | .01235 | .01464 | .01376 | .01362 | .01234 | .01130 | .01204 | .01345 | .01069 | .01124 | .01199 | .01236 | .01517 | .01164 | .01165 | .01167 | 66 |
| .00014 | .00013 | .00019 | .00013 | .00061 | .00056 | .00017 | .00010 | .00011 | .00030 | .00009 | .00010 | .00011 | .00009 | .00013 | .00011 | .00013 | .00013 | 67 |
| .01699 | .03550 | .02908 | .03670 | .01550 | .01858 | .02198 | .02697 | .03188 | .02228 | .03645 | .03348 | .04878 | .04795 | .04562 | .02460 | .03017 | .02776 | 68A |
| .01021 | .04622 | .06205 | .03679 | .00878 | .01532 | .02017 | .07109 | .01833 | .0160 | .03075 | .03251 | .03490 | .02029 | .02496 | .01557 | .01769 | .01740 | 68B |
| .00395 | .01267 | .01096 | .01177 | .00451 | .00620 | .00947 | .00683 | .00641 | .01794 | .00547 | .00568 | .01198 | .00704 | .00852 | .00537 | .00738 | .00628 | 68C |
| .07134 | .10509 | .09763 | .10580 | .10183 | .10381 | .10572 | .07007 | .08879 | .12069 | .08009 | .06892 | .14563 | .15955 | .19781 | .12154 | .12469 | .10918 | 69A |
| .00245 | .00401 | .00439 | .00390 | .00269 | .00554 | .00284 | .00515 | .00380 | .00376 | .00512 | .00397 | .00318 | .00295 | .00374 | .00275 | .00321 | .00285 | 69B |
| .01772 | .02348 | .02627 | .02454 | .02308 | .02345 | .02526 | .02216 | .02320 | .01877 | .01886 | .02255 | .02215 | .02895 | .01966 | .02271 | .01966 | .01964 | 70A |
| .00719 | .00919 | .00966 | .00923 | .00710 | .00862 | .00875 | .00764 | .00857 | .01105 | .00759 | .00893 | .00915 | .00930 | .01155 | .00780 | .00861 | .00769 | 70B |
| | | | | | | | | | | | | | | | | | | 71A |
| .04471 | .05842 | .05780 | .04389 | .03193 | .03884 | .03460 | .18119 | .03497 | .03822 | .02766 | .03122 | .03037 | .03101 | .03781 | .02990 | .03056 | .02848 | 71B |
| .00520 | .00614 | .00629 | .00648 | .00639 | .00635 | .00630 | .00479 | .00599 | .00666 | .00537 | .00515 | .00603 | .00642 | .00861 | .00580 | .00609 | .00565 | 72A |
| .00313 | .00481 | .00508 | .00586 | .00281 | .00350 | .00344 | .00355 | .00462 | .0040 | .00475 | .00465 | .00712 | .00493 | .00685 | .00368 | .00539 | .00423 | 72B |
| .00932 | .01226 | .01299 | .01374 | .00947 | .01012 | .00971 | .01144 | .01134 | .01390 | .01101 | .01065 | .01604 | .01195 | .01562 | .01016 | .01290 | .01110 | 73A |
| .01463 | .04519 | .03485 | .05093 | .04661 | .03426 | .03329 | .03601 | .02606 | .01891 | .01588 | .01766 | .01906 | .01826 | .02259 | .01644 | .02203 | .01829 | 73B |
| .04314 | .05091 | .05662 | .05189 | .06240 | .05437 | .04199 | .03973 | .04563 | .04594 | .04103 | .04216 | .05421 | .04776 | .06043 | .05294 | .05416 | .04585 | 73C |
| .0190 | .01856 | .02596 | .01817 | .08717 | .08065 | .02422 | .01295 | .01566 | .04283 | .01223 | .01311 | .01457 | .01240 | .01718 | .01447 | .01764 | .01740 | 73D |
| .00563 | .00663 | .00662 | .00698 | .00727 | .00684 | .00670 | .00554 | .00666 | .00815 | .00625 | .00573 | .00676 | .00724 | .00946 | .00671 | .00709 | .00652 | 74 |
| .01205 | .01481 | .01762 | .01642 | .00898 | .01168 | .01264 | .01050 | .01446 | .01292 | .01355 | .01639 | .01932 | .01576 | .02070 | .01202 | .01561 | .01294 | 75 |
| .00374 | .00390 | .00459 | .00402 | .01265 | .01209 | .00491 | .00307 | .00346 | .00647 | .00254 | .00272 | .00328 | .00298 | .00451 | .00296 | .00373 | .00326 | 76 |
| .00004 | .00013 | .00016 | .00010 | .00007 | .00015 | .00012 | .00003 | .00007 | .00086 | .00003 | .00006 | .00004 | .00004 | .00005 | .00003 | .00003 | .00003 | 77A |
| .00341 | .00359 | .00426 | .00563 | .00983 | .00545 | .00326 | .00372 | .00656 | .00285 | .00247 | .00255 | .00309 | .00366 | .00520 | .00313 | .00499 | .00303 | 77B |
| .00473 | .00374 | .00351 | .00368 | .00351 | .00425 | .00341 | .00329 | .00334 | .00509 | .00313 | .00295 | .00395 | .00373 | .00434 | .00341 | .00380 | .00333 | 78 |
| .00098 | .00134 | .00123 | .00123 | .00045 | .0010 | .00084 | .00065 | .00092 | .00209 | .00074 | .00093 | .00114 | .00110 | .00131 | .00098 | .00093 | .00098 | 79 |
| .00598 | .01740 | .01023 | .01449 | .04476 | .01885 | .01338 | .01239 | .00862 | .00615 | .00623 | .00740 | .00701 | .00912 | .00827 | .00634 | .00609 | .00575 | 80 |
| .00175 | .00134 | .00114 | .00094 | .00051 | .00124 | .00162 | .0010 | .00138 | .0010 | .00555 | .00141 | .05030 | .05682 | .03246 | .01604 | .01532 | .01246 | 81 |
| | | | | | | | | | | | | | | | | | | 82 |
| | | | | | | | | | | | | | | | | | | 83 |
| | | | | | | | | | | | | | | | | | | 84 |
| | | | | | | | | | | | | | | | | | | 85 |
| 1.92632 | 2.39751 | 2.40531 | 2.46165 | 1.93451 | 2.2132 | 2.31094 | 2.74163 | 2.19859 | 2.60833 | 1.93535 | 1.98322 | 2.28581 | 2.47409 | 3.04547 | 2.16591 | 2.24022 | 2.08776 | |

## Table 4.—Commodity-by-Commodity

[Total requirements, direct and indirect, per dollar

| Commodity number | Each entry represents the output required, directly and indirectly, of the commodity named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column | Engines and turbines | Farm, construction, and mining machinery | Materials handling machinery and equipment | Metalworking machinery and equipment | Special industry machinery and equipment | General industrial machinery and equipment | Miscellaneous machinery, except electrical | Computer and office equipment | Service industry machinery | Electrical industrial equipment and apparatus | Household appliances |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Commodity number | 43 | 44+45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
| 1 | Livestock and livestock products | .00062 | .00063 | .00062 | .00057 | .00063 | .00065 | .00048 | .00083 | .00073 | .00066 | .00101 |
| 2 | Other agricultural products | .00102 | .00106 | .0010 | .00093 | .00101 | .00117 | .00079 | .00134 | .00118 | .00112 | .00196 |
| 3 | Forestry and fishery products | .00085 | .00134 | .00116 | .00118 | .00133 | .00108 | .00060 | .00108 | .00137 | .00113 | .00212 |
| 4 | Agricultural, forestry, and fishery services | .00163 | .00156 | .00143 | .00132 | .00152 | .00157 | .00132 | .00222 | .00150 | .00178 | .00204 |
| 5+6 | Metallic ores mining | .00956 | .00720 | .00798 | .00654 | .00685 | .00630 | .00751 | .00303 | .00832 | .00796 | .00774 |
| 7 | Coal mining | .00481 | .00411 | .00408 | .00342 | .00314 | .00344 | .00323 | .00220 | .00335 | .00315 | .00381 |
| 8 | Crude petroleum and natural gas | .01624 | .01595 | .01672 | .01452 | .01412 | .01501 | .01273 | .01317 | .01596 | .01846 | .02331 |
| 9+10 | Nonmetallic minerals mining | .00172 | .00135 | .00135 | .00238 | .00124 | .00126 | .00111 | .0010 | .00155 | .00291 | .00358 |
| 11 | New construction, including own-account construction | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| 12 | Maintenance and repair construction, including own-account construction | .02097 | .01780 | .01766 | .01709 | .01802 | .01681 | .0170 | .03070 | .02057 | .01867 | .02195 |
| 13 | Ordnance and accessories | .00002 | .00001 | .00005 | .00002 | .00002 | .00002 | .00002 | .00002 | .00006 | .00001 | .00002 |
| 14 | Food and kindred products | .00249 | .00247 | .00248 | .00224 | .00251 | .00239 | .00191 | .00334 | .00274 | .00255 | .00359 |
| 15 | Tobacco products | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| 16 | Broad and narrow fabrics, yarn and thread mills | .00116 | .00126 | .00119 | .00094 | .00106 | .00232 | .00087 | .00109 | .00133 | .00124 | .00309 |
| 17 | Miscellaneous textile goods and floor coverings | .00093 | .00104 | .00126 | .00071 | .00095 | .00734 | .00212 | .00070 | .00105 | .00085 | .00183 |
| 18 | Apparel | .00072 | .00024 | .00025 | .00028 | .00039 | .00025 | .00015 | .00033 | .00027 | .00022 | .00030 |
| 19 | Miscellaneous fabricated textile products | .00033 | .00026 | .00024 | .00020 | .00021 | .00020 | .00016 | .00030 | .00022 | .00022 | .00027 |
| 20+21 | Lumber and wood products | .00558 | .00833 | .00873 | .00892 | .01082 | .00689 | .00451 | .00682 | .00976 | .00706 | .00922 |
| 22+23 | Furniture and fixtures | .00017 | .00012 | .00013 | .00009 | .00009 | .00008 | .00006 | .00033 | .00010 | .00012 | .00035 |
| 24 | Paper and allied products, except containers | .00703 | .00692 | .00774 | .00724 | .01552 | .01245 | .00574 | .01344 | .01433 | .01424 | .03137 |
| 25 | Paperboard containers and boxes | .00369 | .00343 | .00360 | .00469 | .00378 | .00591 | .00373 | .00851 | .00725 | .00607 | .01503 |
| 26A | Newspapers and periodicals | .00028 | .00032 | .00032 | .00028 | .00035 | .00028 | .00034 | .00073 | .00036 | .00039 | .00046 |
| 26B | Other printing and publishing | .00384 | .00404 | .00445 | .00331 | .00402 | .00379 | .00311 | .00684 | .00419 | .00417 | .00589 |
| 27A | Industrial and other chemicals | .01510 | .01822 | .01503 | .01916 | .01525 | .01511 | .01021 | .02133 | .02170 | .01980 | .05075 |
| 27B | Agricultural fertilizers and chemicals | .00063 | .00071 | .00066 | .00062 | .00066 | .00070 | .00047 | .00090 | .00080 | .00076 | .00147 |
| 28 | Plastics and synthetic materials | .00876 | .01252 | .00912 | .00897 | .00919 | .01237 | .00609 | .01109 | .01692 | .01472 | .05366 |
| 29A | Drugs | .00004 | .00004 | .00004 | .00004 | .00004 | .00004 | .00003 | .00006 | .00005 | .00004 | .00009 |
| 29B | Cleaning and toilet preparations | .00053 | .00053 | .00055 | .00046 | .00054 | .00057 | .00037 | .00085 | .00105 | .00130 | .0020 |
| 30 | Paints and allied products | .00286 | .00483 | .00287 | .00287 | .00113 | .00154 | .00116 | .00151 | .00460 | .00348 | .00939 |
| 31 | Petroleum refining and related products | .01136 | .01084 | .01262 | .01010 | .01031 | .01072 | .00880 | .00987 | .01097 | .01464 | .01520 |
| 32 | Rubber and miscellaneous plastics products | .02690 | .05304 | .03197 | .01825 | .02951 | .03651 | .01231 | .03703 | .04237 | .04063 | .10807 |
| 33+34 | Footwear, leather, and leather products | .00006 | .00006 | .00006 | .00004 | .00006 | .00005 | .00004 | .00008 | .00006 | .00005 | .00009 |
| 35 | Glass and glass products | .00159 | .00176 | .00151 | .00133 | .00221 | .00140 | .00146 | .00556 | .00225 | .00228 | .00481 |
| 36 | Stone and clay products | .01169 | .00654 | .00718 | .01329 | .00723 | .00786 | .00708 | .00407 | .01108 | .03706 | .01176 |
| 37 | Primary iron and steel manufacturing | .20353 | .16790 | .17324 | .11681 | .10457 | .11851 | .10828 | .02301 | .10496 | .08466 | .11374 |
| 38 | Primary nonferrous metals manufacturing | .07699 | .03891 | .06278 | .05311 | .08517 | .06162 | .10129 | .04796 | .11910 | .09692 | .09039 |
| 39 | Metal containers | .00037 | .00045 | .00040 | .00035 | .00033 | .00032 | .00023 | .00046 | .00049 | .00044 | .00087 |
| 40 | Heating, plumbing, and fabricated structural metal products | .01598 | .04505 | .02161 | .01198 | .01793 | .01556 | .00618 | .01292 | .01082 | .00785 | .00344 |
| 41 | Screw machine products and stampings | .04426 | .02091 | .03746 | .01277 | .01456 | .01495 | .01299 | .01754 | .03982 | .02501 | .03678 |
| 42 | Other fabricated metal products | .04945 | .03022 | .03750 | .02028 | .03871 | .02312 | .02391 | .02536 | .03168 | .01610 | .03022 |
| 43 | Engines and turbines | 1.06494 | .05735 | .01270 | .00141 | .00581 | .00761 | .00225 | .00087 | .00308 | .01302 | .00140 |
| 44+45 | Farm, construction, and mining machinery | .00081 | 1.01962 | .00101 | .00066 | .00054 | .00062 | .00058 | .00040 | .00060 | .00064 | .00071 |
| 46 | Materials handling machinery and equipment | .00035 | .00069 | 1.02033 | .00032 | .00079 | .00055 | .00026 | .00035 | .00033 | .00035 | .00037 |
| 47 | Metalworking machinery and equipment | .00952 | .00833 | .00944 | 1.04971 | .01216 | .00949 | .01651 | .00390 | .01020 | .00632 | .00684 |
| 48 | Special industry machinery and equipment | .00066 | .00085 | .00159 | .00107 | 1.06543 | .00121 | .00068 | .00122 | .00104 | .00083 | .00160 |
| 49 | General industrial machinery and equipment | .02601 | .03788 | .07730 | .01501 | .03275 | 1.08376 | .01744 | .00229 | .02612 | .00962 | .00948 |
| 50 | Miscellaneous machinery, except electrical | .05996 | .04135 | .04416 | .03995 | .05315 | .04562 | 1.06899 | .00960 | .03637 | .0161 | .01063 |
| 51 | Computer and office equipment | .00196 | .00143 | .00151 | .00123 | .00285 | .00141 | .00112 | 1.19819 | .00179 | .00294 | .00260 |
| 52 | Service industry machinery | .00071 | .00058 | .00078 | .00051 | .00090 | .00097 | .00048 | .00074 | 1.08008 | .00062 | .02613 |
| 53 | Electrical industrial equipment and apparatus | .05060 | .01624 | .04352 | .02858 | .05207 | .04743 | .00725 | .03354 | .06925 | 1.08751 | .05663 |
| 54 | Household appliances | .00013 | .00013 | .00013 | .00011 | .00011 | .00011 | .00010 | .00015 | .00013 | .00013 | 1.00127 |
| 55 | Electric lighting and wiring equipment | .00095 | .0010 | .00084 | .00098 | .00084 | .00078 | .00091 | .00343 | .00804 | .00316 | .01578 |
| 56 | Audio, video, and communication equipment | .00080 | .00044 | .00058 | .00040 | .00052 | .00045 | .00036 | .01293 | .00059 | .00073 | .00153 |
| 57 | Electronic components and accessories | .01223 | .00614 | .00863 | .00552 | .01267 | .00878 | .00748 | .48987 | .00987 | .00442 | .03205 |
| 58 | Miscellaneous electrical machinery and supplies | .01363 | .00708 | .00472 | .00196 | .00180 | .00155 | .00152 | .00122 | .00091 | .00150 | .00099 |
| 59A | Motor vehicles (passenger cars and trucks) | .00037 | .00016 | .00019 | .00006 | .00004 | .00006 | .00007 | .00005 | .00009 | .00012 | .00004 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00708 | .00502 | .00373 | .00280 | .00238 | .00269 | .00230 | .00312 | .00345 | .00282 | .00290 |
| 60 | Aircraft and parts | .00693 | .00068 | .00056 | .00043 | .00042 | .00052 | .00071 | .00052 | .00054 | .00041 | .00044 |
| 61 | Other transportation equipment | .00031 | .00032 | .00034 | .00020 | .00021 | .00020 | .00021 | .00022 | .00023 | .00033 | .00028 |
| 62 | Scientific and controlling instruments | .00402 | .0010 | .00122 | .00116 | .00106 | .00149 | .00079 | .00342 | .01935 | .00379 | .03938 |
| 63 | Ophthalmic and photographic equipment | .00070 | .00067 | .00073 | .00064 | .00072 | .00067 | .00074 | .00146 | .00075 | .00078 | .00079 |
| 64 | Miscellaneous manufacturing | .00055 | .00098 | .00159 | .00059 | .00058 | .00059 | .00043 | .00083 | .00141 | .00065 | .00153 |
| 65A | Railroads and related services; passenger ground transportation | .00805 | .00771 | .00784 | .00647 | .00663 | .00656 | .00639 | .00625 | .00779 | .00825 | .01001 |
| 65B | Motor freight transportation and warehousing | .04066 | .03652 | .03342 | .02794 | .02767 | .02644 | .02385 | .01843 | .03138 | .02906 | .04242 |
| 65C | Water transportation | .00119 | .00118 | .00111 | .00098 | .00094 | .00093 | .00087 | .00083 | .00109 | .00126 | .00155 |
| 65D | Air transportation | .01046 | .00868 | .00951 | .00767 | .00885 | .00834 | .00691 | .01443 | .00936 | .00875 | .01036 |
| 65E | Pipelines, freight forwarders, and related services | .00307 | .00275 | .00275 | .00227 | .00238 | .00232 | .00202 | .00270 | .00267 | .00260 | .00336 |
| 66 | Communications, except radio and TV | .01125 | .01157 | .01328 | .01134 | .01361 | .01262 | .00935 | .02075 | .01233 | .01309 | .01450 |
| 67 | Radio and TV broadcasting | .00010 | .00013 | .00013 | .00011 | .00013 | .00013 | .00011 | .00024 | .00014 | .00016 | .00026 |
| 68A | Electric services (utilities) | .02380 | .02105 | .02058 | .02070 | .02001 | .02151 | .02117 | .02312 | .02177 | .02223 | .02527 |
| 68B | Gas production and distribution (utilities) | .01319 | .01249 | .01253 | .01099 | .01050 | .01159 | .01071 | .00833 | .01178 | .01223 | .01477 |
| 68C | Water and sanitary services | .00584 | .00466 | .00453 | .00397 | .00388 | .00423 | .00358 | .00428 | .00686 | .00431 | .00528 |
| 69A | Wholesale trade | .11691 | .12170 | .15523 | .08986 | .12620 | .10980 | .07641 | .22541 | .12724 | .12393 | .14017 |
| 69B | Retail trade | .00256 | .00236 | .00246 | .00205 | .00230 | .00226 | .00192 | .00342 | .0030 | .00288 | .00451 |
| 70A | Finance | .02113 | .02011 | .02028 | .01715 | .01888 | .01857 | .01678 | .03125 | .02186 | .02175 | .02367 |
| 70B | Insurance | .00813 | .00795 | .00869 | .00690 | .00725 | .00729 | .00645 | .01059 | .00823 | .00755 | .00927 |
| 71A | Owner-occupied dwellings | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| 71B | Real estate and royalties | .02539 | .02358 | .02769 | .02561 | .02932 | .02412 | .02714 | .0490 | .02552 | .02754 | .02924 |
| 72A | Hotels and lodging places | .00626 | .00584 | .00592 | .00515 | .00574 | .00547 | .00494 | .00867 | .00607 | .00571 | .00678 |
| 72B | Personal and repair services (except auto) | .00420 | .00371 | .00342 | .00297 | .00312 | .00359 | .00291 | .00429 | .00360 | .00356 | .00380 |
| 73A | Computer and data processing services, including own-account software | .01222 | .01083 | .00970 | .00846 | .00908 | .00972 | .00756 | .02705 | .01127 | .00961 | .01048 |
| 73B | Legal, engineering, accounting, and related services | .01545 | .01861 | .02050 | .01726 | .02019 | .01755 | .01651 | .03552 | .01854 | .01651 | .02021 |
| 73C | Other business and professional services, except medical | .04490 | .04254 | .04488 | .03773 | .04181 | .04182 | .04153 | .06721 | .04250 | .04452 | .04788 |
| 73D | Advertising | .01361 | .01727 | .01806 | .01451 | .01764 | .01828 | .01505 | .03331 | .01942 | .02146 | .03727 |
| 74 | Eating and drinking places | .00713 | .00672 | .00684 | .00631 | .00685 | .00654 | .00564 | .00910 | .00703 | .00671 | .00782 |
| 75 | Automotive repair and services | .01274 | .01173 | .01114 | .00991 | .010 | .01088 | .00913 | .01317 | .01138 | .01090 | .01291 |
| 76 | Amusements | .00312 | .00360 | .00341 | .00274 | .00348 | .00332 | .00307 | .00676 | .00395 | .00385 | .00605 |
| 77A | Health services | .00003 | .00003 | .00003 | .00003 | .00003 | .00003 | .00002 | .00003 | .00003 | .00003 | .00004 |
| 77B | Educational and social services, and membership organizations | .00326 | .00272 | .00266 | .00253 | .00251 | .00260 | .00226 | .00585 | .00454 | .00294 | .00475 |
| 78 | Federal Government enterprises | .00339 | .00372 | .00375 | .00283 | .00375 | .00325 | .00248 | .00470 | .00306 | .00349 | .00531 |
| 79 | State and local government enterprises | .00092 | .00076 | .00096 | .00079 | .00072 | .00082 | .00080 | .00091 | .00080 | .00074 | .00106 |
| 80 | Noncomparable imports | .00677 | .00743 | .00855 | .00494 | .00813 | .00815 | .00530 | .07254 | .00635 | .01284 | .00901 |
| 81 | Scrap, used and secondhand goods | .01122 | .00838 | .00947 | .00737 | .00766 | .00756 | .00840 | .00301 | .00893 | .00725 | .00831 |
| 82 | General government industry | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| 83 | Rest of the world adjustment to final uses | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| 84 | Household industry | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| 85 | Inventory valuation adjustment | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ | ............ |
| | **Total commodity output multiplier** | **2.25397** | **2.12622** | **2.20202** | **1.87818** | **2.0920** | **2.02299** | **1.83798** | **2.79708** | **2.2276** | **2.08742** | **2.40135** |

* Less than .000005.

## Total Requirements, 1996—Continued
of delivery to final demand, at producers' prices]

| Electric lighting and wiring equipment | Audio, video, and communication equipment | Electronic components and accessories | Miscellaneous electrical machinery and supplies | Motor vehicles (passenger cars and trucks) | Truck and bus bodies, trailers, and motor vehicles parts | Aircraft and parts | Other transportation equipment | Scientific and controlling instruments | Ophthalmic and photographic equipment | Miscellaneous manufacturing | Railroads and related services; passenger ground transportation | Motor freight transportation and warehousing | Water transportation | Air transportation | Pipelines, freight forwarders, and related services | Communications, except radio and TV | Radio and TV broadcasting | Commodity number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 55 | 56 | 57 | 58 | 59A | 59B | 60 | 61 | 62 | 63 | 64 | 65A | 65B | 65C | 65D | 65E | 66 | 67 | |
| .00075 | .00072 | .00075 | .00088 | .00131 | .00083 | .00061 | .00074 | .00078 | .00071 | .00158 | .00049 | .00053 | .00110 | .00162 | .00050 | .00049 | .00201 | 1 |
| .00137 | .00124 | .00133 | .00163 | .00351 | .00148 | .00122 | .00144 | .00165 | .00123 | .00432 | .00089 | .00077 | .00155 | .00167 | .00079 | .00084 | .00355 | 2 |
| .00127 | .00111 | .0010 | .00170 | .00202 | .00145 | .00077 | .00340 | .00097 | .00110 | .00340 | .00096 | .00063 | .00075 | .00058 | .00113 | .00071 | .00057 | 3 |
| .00157 | .00181 | .00248 | .00235 | .00208 | .00181 | .00169 | .00206 | .00162 | .00132 | .00196 | .00143 | .00093 | .00127 | .0010 | .00102 | .00122 | .00275 | 4 |
| .00668 | .00377 | .00371 | .00624 | .00690 | .01409 | .00390 | .00550 | .00279 | .00147 | .00459 | .00107 | .00055 | .00082 | .00043 | .00035 | .00049 | .00030 | 5+6 |
| .00313 | .00196 | .00251 | .00276 | .00356 | .00477 | .00182 | .00317 | .00204 | .00210 | .00208 | .00217 | .00130 | .00201 | .00112 | .00137 | .00083 | .00148 | 7 |
| .01839 | .01156 | .01426 | .01767 | .02108 | .02017 | .01042 | .01518 | .01037 | .01389 | .01804 | .05362 | .04987 | .02617 | .07520 | .01497 | .00591 | .00759 | 8 |
| .00197 | .00087 | .00122 | .00136 | .00166 | .00178 | .00085 | .00119 | .00088 | .00104 | .00135 | .00141 | .00062 | .00066 | .00068 | .00047 | .00076 | .00051 | 9+10 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 11 |
| .01855 | .02466 | .03386 | .02243 | .02444 | .02573 | .01899 | .01621 | .01795 | .01680 | .01584 | .07329 | .02002 | .02334 | .01885 | .02423 | .05264 | .02453 | 12 |
| .00001 | .00006 | .00002 | .00004 | .00002 | .00002 | .00066 | .00001 | .00014 | .00001 | .00001 | .00001 | .00002 | .00005 | .00004 | .00013 | .00002 | .00012 | 13 |
| .00281 | .00280 | .00280 | .00324 | .00401 | .00317 | .00229 | .00258 | .00273 | .00265 | .00494 | .00193 | .00225 | .00480 | .00778 | .00201 | .00195 | .00677 | 14 |
| (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | ............. | (*) | 15 |
| .00167 | .00184 | .0010 | .0020 | .01553 | .0020 | .00312 | .00321 | .00585 | .00114 | .01696 | .00068 | .00065 | .00253 | .00050 | .00111 | .00064 | .00107 | 16 |
| .00094 | .00118 | .00068 | .00142 | .01103 | .00209 | .00133 | .00342 | .00620 | .00092 | .00190 | .00050 | .00047 | .00114 | .00024 | .00044 | .00035 | .00033 | 17 |
| .00023 | .00024 | .00025 | .00026 | .00127 | .00030 | .00032 | .00037 | .00055 | .00017 | .00517 | .00067 | .00021 | .0030 | .00023 | .00021 | .00083 | .00078 | 18 |
| .00021 | .00024 | .00024 | .00026 | .02902 | .00134 | .00148 | .0050 | .00022 | .00016 | .00122 | .00035 | .00043 | .00371 | .00049 | .00231 | .00025 | .00042 | 19 |
| .00709 | .00711 | .00665 | .00847 | .01075 | .00990 | .00448 | .03538 | .00619 | .00754 | .02613 | .00939 | .00423 | .00551 | .00390 | .01186 | .00675 | .00455 | 20+21 |
| .00014 | .01042 | .00037 | .00031 | .0240 | .00149 | .00078 | .00151 | .00062 | .00008 | .00090 | .00012 | .00018 | .00009 | .00008 | .00012 | .00030 | .00011 | 22+23 |
| .02155 | .01373 | .01150 | .02011 | .01241 | .01249 | .00582 | .00680 | .01362 | .04624 | .02527 | .00504 | .00544 | .00772 | .00521 | .00920 | .00693 | .00875 | 24 |
| .01734 | .00631 | .00548 | .01612 | .00757 | .00876 | .00272 | .00349 | .00761 | .01348 | .01971 | .00163 | .00244 | .00177 | .00151 | .00375 | .00177 | .00184 | 25 |
| .00046 | .00048 | .00056 | .00055 | .00053 | .00051 | .00030 | .00030 | .00043 | .00075 | .00060 | .00047 | .00058 | .00175 | .00050 | .00096 | .00080 | .0010 | 26A |
| .00463 | .00482 | .00497 | .00474 | .00620 | .00602 | .00337 | .00360 | .00438 | .00389 | .00683 | .00607 | .00603 | .00752 | .00544 | .01178 | .00809 | .00738 | 26B |
| .03056 | .02017 | .03382 | .03836 | .03994 | .030 | .01366 | .01799 | .01864 | .04213 | .04054 | .01115 | .00905 | .00862 | .00691 | .00534 | .00511 | .00589 | 27A |
| .00102 | .00078 | .00096 | .00121 | .00137 | .00099 | .00064 | .00088 | .00074 | .00096 | .00150 | .00067 | .00042 | .00059 | .00047 | .00036 | .00038 | .00166 | 27B |
| .03712 | .01425 | .01180 | .03350 | .03055 | .02086 | .01249 | .01553 | .01612 | .02244 | .04022 | .00332 | .00465 | .00405 | .00173 | .00277 | .00262 | .00193 | 28 |
| .00005 | .00005 | .00006 | .00006 | .00007 | .00006 | .00006 | .00004 | .00032 | .00016 | .00009 | .00003 | .00004 | .00004 | .00004 | .00002 | .00005 | .00009 | 29A |
| .00209 | .00094 | .00074 | .00108 | .00110 | .00079 | .00046 | .00056 | .00088 | .00129 | .00168 | .00056 | .00056 | .00054 | .00060 | .00035 | .00053 | .00054 | 29B |
| .00153 | .00130 | .00119 | .00132 | .01420 | .00743 | .00257 | .00661 | .00119 | .00069 | .00608 | .00114 | .00102 | .00176 | .00044 | .00046 | .00105 | .00060 | 30 |
| .01218 | .00824 | .00915 | .01135 | .0150 | .01380 | .00822 | .01152 | .00738 | .00808 | .01231 | .06773 | .06579 | .03023 | .10224 | .01061 | .00559 | .00692 | 31 |
| .04560 | .03901 | .02986 | .08517 | .09397 | .0460 | .02988 | .03837 | .03380 | .03568 | .04634 | .01150 | .02050 | .01002 | .00505 | .00915 | .00827 | .00505 | 32 |
| .00006 | .00008 | .00007 | .00007 | .00098 | .00012 | .00010 | .00019 | .00009 | .00005 | .00139 | .00006 | .00007 | .00020 | .00007 | .00016 | .00011 | .00046 | 33+34 |
| .02764 | .00472 | .01154 | .00334 | .01390 | .00387 | .00210 | .00828 | .00713 | .00856 | .00232 | .00231 | .00115 | .00122 | .00085 | .0010 | .00097 | .00063 | 35 |
| .01316 | .00311 | .00407 | .00473 | .00730 | .00951 | .00542 | .00591 | .00383 | .00222 | .00538 | .00456 | .00168 | .00226 | .00170 | .00153 | .00244 | .00136 | 36 |
| .06927 | .02646 | .02671 | .04722 | .08965 | .15352 | .02944 | .10726 | .02861 | .01136 | .03406 | .01903 | .00611 | .01121 | .00449 | .00404 | .00538 | .00284 | 37 |
| .09582 | .04770 | .05859 | .09414 | .06628 | .14761 | .05616 | .04644 | .03646 | .01580 | .06925 | .00756 | .00463 | .00858 | .00395 | .00360 | .00569 | .00314 | 38 |
| .00045 | .00037 | .00042 | .00050 | .00097 | .00065 | .00033 | .00050 | .00049 | .00042 | .00072 | .00026 | .00025 | .00029 | .00035 | .00013 | .00015 | .00025 | 39 |
| .00219 | .01036 | .00735 | .00732 | .00739 | .01716 | .00581 | .02617 | .00989 | .00207 | .00480 | .00448 | .00141 | .00264 | .00128 | .00160 | .00304 | .00147 | 40 |
| .03363 | .01878 | .01558 | .01709 | .10948 | .05593 | .01417 | .01811 | .01798 | .01138 | .00527 | .00237 | .00214 | .00208 | .00148 | .00117 | .00378 | .00106 | 41 |
| .02791 | .02522 | .04673 | .03095 | .03815 | .03041 | .02677 | .02943 | .02542 | .00795 | .01681 | .00967 | .00697 | .01332 | .00388 | .00537 | .00564 | .00276 | 42 |
| .00124 | .00055 | .00062 | .00103 | .01751 | .00516 | .00065 | .05387 | .00060 | .00040 | .00078 | .00524 | .00151 | .01313 | .00042 | .00140 | .00206 | .00037 | 43 |
| .00062 | .00037 | .00044 | .00051 | .00064 | .00089 | .00034 | .00134 | .00032 | .00030 | .00043 | .00065 | .00032 | .00041 | .00039 | .00022 | .00023 | .00024 | 44+45 |
| .00030 | .00025 | .00026 | .00031 | .00045 | .00051 | .00018 | .00035 | .00019 | .00018 | .00026 | .00017 | .00018 | .00017 | .00012 | .00010 | .00009 | .00010 | 46 |
| .00672 | .00388 | .00495 | .00589 | .00822 | .00946 | .01515 | .00536 | .00385 | .00278 | .00440 | .00237 | .00084 | .00757 | .00113 | .00055 | .00070 | .00053 | 47 |
| .00109 | .00104 | .00192 | .00137 | .00149 | .00110 | .00063 | .00071 | .00087 | .0010 | .00117 | .00034 | .00039 | .00056 | .00028 | .00039 | .00033 | .00037 | 48 |
| .00360 | .00245 | .00212 | .00760 | .01111 | .02576 | .00554 | .03143 | .00258 | .00135 | .00265 | .00840 | .00171 | .01723 | .00129 | .00487 | .00322 | .00063 | 49 |
| .01067 | .00932 | .01259 | .01394 | .03097 | .05954 | .02189 | .01878 | .00956 | .00796 | .01204 | .00601 | .00290 | .00874 | .00360 | .00308 | .00172 | .00148 | 50 |
| .00207 | .01527 | .02722 | .01422 | .00331 | .0030 | .00495 | .00143 | .01817 | .00518 | .00301 | .00211 | .00161 | .00219 | .00364 | .00957 | .00524 | .00349 | 51 |
| .00069 | .00070 | .00077 | .00073 | .01757 | .00483 | .00045 | .00395 | .00049 | .00048 | .00058 | .00189 | .00098 | .00084 | .00055 | .00066 | .00092 | .00088 | 52 |
| .03358 | .00793 | .00719 | .02064 | .00677 | .00712 | .00542 | .03880 | .01692 | .00746 | .00694 | .00985 | .00328 | .00425 | .00151 | .00262 | .00391 | .00245 | 53 |
| .00011 | .00013 | .00017 | .00014 | .00016 | .00016 | .00010 | .00482 | .00010 | .00009 | .00016 | .00032 | .00010 | .00029 | .00013 | .00014 | .00027 | .00018 | 54 |
| 1.03152 | .00887 | .00343 | .00435 | .00719 | .00230 | .00103 | .00425 | .00391 | .00094 | .00102 | .00201 | .00119 | .00078 | .00072 | .00067 | .00185 | .00112 | 55 |
| .00071 | 1.04019 | .00392 | .00310 | .00899 | .00096 | .01001 | .00103 | .00784 | .00076 | .00066 | .00065 | .00068 | .00047 | .00090 | .00138 | .02136 | .00212 | 56 |
| .02111 | .38232 | 1.30356 | .15073 | .06640 | .06028 | .04571 | .00981 | .14059 | .05106 | .01501 | .00556 | .00470 | .00444 | .00863 | .01246 | .04167 | .01318 | 57 |
| .00094 | .00562 | .00093 | 1.02739 | .02389 | .02072 | .00112 | .00546 | .00126 | .00106 | .00094 | .00260 | .00257 | .00227 | .00130 | .00355 | .00181 | .00350 | 58 |
| .00004 | .00011 | .00007 | .00031 | 1.0041 | .00787 | .00004 | .02587 | .00003 | .00003 | .00015 | .00055 | .00015 | .00045 | .00002 | .00003 | .00003 | .00004 | 59A |
| .00256 | .00342 | .00312 | .00650 | .33564 | 1.1176 | .00209 | .03923 | .00195 | .00195 | .00248 | .01139 | .01470 | .00249 | .00166 | .00304 | .00216 | .00276 | 59B |
| .00031 | .00069 | .00038 | .00047 | .00073 | .00064 | 1.22098 | .00093 | .00164 | .00024 | .00028 | .00027 | .00049 | .00029 | .03525 | .00035 | .00024 | .00024 | 60 |
| .00022 | .00019 | .00022 | .00026 | .00033 | .00034 | .00015 | 1.03393 | .00017 | .00019 | .00036 | .01864 | .00041 | .01714 | .00017 | .00024 | .00015 | .00047 | 61 |
| .00126 | .00912 | .00687 | .00681 | .01074 | .00194 | .09215 | .00615 | 1.03379 | .00780 | .00060 | .00071 | .00079 | .00070 | .00318 | .00049 | .00090 | .00071 | 62 |
| .00078 | .00097 | .00103 | .00122 | .00106 | .0010 | .00073 | .00058 | .00101 | 1.03839 | .00088 | .00067 | .00103 | .00079 | .00172 | .00111 | .00173 | .00173 | 63 |
| .00283 | .00064 | .00068 | .00067 | .00098 | .00081 | .00061 | .00064 | .00069 | .00049 | 1.05972 | .00086 | .00076 | .00270 | .00093 | .00152 | .00122 | .00210 | 64 |
| .00780 | .00575 | .00686 | .00777 | .01134 | .01130 | .00468 | .00752 | .00484 | .00651 | .00701 | 1.04324 | .00490 | .00340 | .00298 | .00283 | .00321 | .00340 | 65A |
| .03237 | .01862 | .01935 | .03192 | .04813 | .04279 | .01784 | .03288 | .01701 | .01902 | .02899 | .01756 | 1.23251 | .01228 | .00939 | .01335 | .00767 | .00881 | 65B |
| .00111 | .00075 | .00090 | .00109 | .00147 | .00149 | .00067 | .00103 | .00069 | .00094 | .00114 | .00156 | .00867 | 1.22393 | .00142 | .00220 | .00055 | .00051 | 65C |
| .00807 | .01049 | .010 | .00952 | .01540 | .01211 | .01337 | .00877 | .00788 | .00658 | .00707 | .00672 | .01419 | .00575 | 1.06469 | .00966 | .00645 | .00670 | 65D |
| .00261 | .00220 | .00227 | .00273 | .00412 | .00349 | .00233 | .00260 | .00181 | .00188 | .00241 | .01076 | .04293 | .05762 | .09248 | 1.02579 | .00123 | .00138 | 65E |
| .01207 | .01625 | .01542 | .01318 | .01490 | .01321 | .00980 | .01039 | .01326 | .01248 | .01173 | .01506 | .02525 | .01229 | .02212 | .04327 | 1.16841 | .00138 | 66 |
| .00021 | .00016 | .00019 | .00016 | .00019 | .00024 | .00010 | .00011 | .00018 | .00016 | .00030 | .00008 | .00010 | .00035 | .00016 | .00026 | .00085 | 1.02723 | 67 |
| .02276 | .01932 | .02633 | .02451 | .02441 | .01530 | .01821 | .01642 | .01369 | .01751 | .01136 | .01424 | .01352 | .01034 | .01679 | .01057 | .00889 | .01854 | 68A |
| .01296 | .00749 | .00935 | .01153 | .01311 | .01466 | .00643 | .01041 | .00655 | .00853 | .01026 | .01132 | .00821 | .00770 | .00933 | .00350 | .00302 | .00413 | 68B |
| .00477 | .00352 | .00428 | .00640 | .00745 | .00852 | .00386 | .00468 | .00308 | .00336 | .00367 | .00512 | .00154 | .00390 | .00339 | .00273 | .00287 | .00458 | 68C |
| .12134 | .13683 | .12932 | .14353 | .17332 | .14820 | .07442 | .10846 | .08788 | .08696 | .12081 | .05613 | .05592 | .03775 | .03521 | .02703 | .03054 | .02588 | 69A |
| .00406 | .00298 | .00317 | .00337 | .00384 | .00329 | .00193 | .00228 | .00234 | .00251 | .00325 | .00771 | .00786 | .00251 | .00205 | .00267 | .00347 | .00264 | 69B |
| .020 | .02484 | .02491 | .02352 | .03254 | .02609 | .02107 | .01897 | .01934 | .01912 | .01837 | .02450 | .02650 | .05049 | .0290 | .04135 | .02214 | .02451 | 70A |
| .00780 | .00864 | .00873 | .00858 | .01139 | .00980 | .00675 | .00771 | .00688 | .00659 | .00749 | .01081 | .02272 | .00801 | .00819 | .01294 | .00748 | .01893 | 70B |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 71A |
| .03099 | .03453 | .03651 | .03110 | .03679 | .03042 | .02076 | .03088 | .02692 | .02158 | .03049 | .03809 | .05409 | .05685 | .04630 | .04855 | .03654 | .07750 | 71B |
| .00581 | .00686 | .00678 | .00634 | .00822 | .00714 | .00558 | .00556 | .00534 | .00494 | .00499 | .00411 | .00633 | .00405 | .00464 | .00498 | .00513 | .00556 | 72A |
| .00323 | .00369 | .00506 | .00433 | .00559 | .00546 | .00349 | .00292 | .00272 | .00232 | .00292 | .00231 | .00290 | .00285 | .00518 | .00406 | .01057 | .00811 | 72B |
| .01031 | .01491 | .01632 | .01162 | .01279 | .01319 | .01445 | .00933 | .01071 | .00875 | .00797 | .02174 | .01345 | .01895 | .03887 | .10574 | .01970 | .02056 | 73A |
| .01850 | .02722 | .03324 | .01973 | .02888 | .02360 | .02004 | .01713 | .02349 | .01311 | .0180 | .02304 | .02164 | .04235 | .02796 | .07019 | .05074 | .03814 | 73B |
| .04288 | .05304 | .06103 | .05562 | .05653 | .05388 | .04251 | .03912 | .04976 | .04630 | .04256 | .04659 | .05489 | .14466 | .04037 | .06554 | .04895 | .07272 | 73C |
| .02982 | .02205 | .02657 | .02213 | .02709 | .03405 | .01318 | .01566 | .02443 | .02194 | .04299 | .01099 | .01180 | .05012 | .02203 | .03444 | .02545 | .05248 | 73D |
| .00696 | .00755 | .00738 | .00763 | .00908 | .00802 | .00620 | .00657 | .00614 | .00564 | .00607 | .00534 | .00671 | .00447 | .02026 | .00539 | .00530 | .00601 | 74 |
| .01118 | .01105 | .01330 | .01302 | .09225 | .01794 | .00972 | .01205 | .00845 | .00793 | .00973 | .01674 | .07432 | .00618 | .00618 | .01098 | .01083 | .01282 | 75 |
| .00481 | .00464 | .00522 | .00415 | .00562 | .00623 | .00315 | .00302 | .00442 | .00416 | .00647 | .00257 | .00347 | .00758 | .00467 | .00628 | .02414 | .55398 | 76 |
| .00003 | .00003 | .00003 | .00004 | .00005 | .00004 | .00002 | .00003 | .00003 | .00003 | .00005 | .00002 | .00048 | .00004 | .00004 | .00002 | .00002 | .00025 | 77A |
| .00279 | .00448 | .00526 | .00440 | .00949 | .00651 | .00568 | .00304 | .00426 | .00607 | .00556 | .00571 | .00264 | .00851 | .00359 | .01279 | .00409 | .01244 | 77B |
| .00345 | .00442 | .00376 | .00373 | .00575 | .00519 | .00325 | .00295 | .00341 | .00291 | .00464 | .00367 | .00488 | .00456 | .00360 | .00775 | .00618 | .00593 | 78 |
| .00090 | .00071 | .00094 | .00096 | .00133 | .00119 | .00054 | .00082 | .00069 | .00054 | .00083 | .00292 | .00248 | .00095 | .00075 | .00063 | .00052 | .00080 | 79 |
| .01663 | .01584 | .01367 | .02345 | .01222 | .01123 | .00632 | .00562 | .00850 | .01485 | .00706 | .00717 | .01065 | .11876 | .07949 | .01361 | .03657 | .00441 | 80 |
| .00713 | .00334 | .00365 | .00907 | .00677 | .01233 | .00348 | .00626 | .00282 | .00151 | .00429 | .00117 | .00072 | .00089 | .00040 | .00042 | .00052 | −.0003 | 81 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 82 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 83 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 84 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 85 |
| 2.08738 | 2.28467 | 2.23658 | 2.26528 | 2.9575 | 2.55142 | 2.04204 | 2.13204 | 1.91333 | 1.76894 | 2.00069 | 1.80395 | 2.01981 | 2.19437 | 1.92476 | 1.78136 | 1.78623 | 2.20254 | |

| Commodity number | Each entry represents the output required, directly and indirectly, of the commodity named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column | Electric services (utilities) | Gas production and distribution (utilities) | Water and sanitary services | Wholesale trade | Retail trade | Finance | Insurance | Owner-occupied dwellings | Real estate and royalties | Hotels and lodging places | Personal and repair services (except auto) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Commodity number | 68A | 68B | 68C | 69A | 69B | 70A | 70B | 71A | 71B | 72A | 72B |
| 1 | Livestock and livestock products | .00045 | .00049 | .00059 | .00079 | .00057 | .00041 | .00055 | .00036 | .00048 | .00147 | .00075 |
| 2 | Other agricultural products | .00089 | .00113 | .00136 | .00116 | .00088 | .00057 | .00073 | .00140 | .00139 | .00250 | .00149 |
| 3 | Forestry and fishery products | .00096 | .00136 | .00188 | .00091 | .00052 | .00031 | .00039 | .00048 | .00072 | .00081 | .00064 |
| 4 | Agricultural, forestry, and fishery services | .00146 | .00222 | .00306 | .00147 | .00215 | .00097 | .00122 | .00960 | .00713 | .00602 | .00161 |
| 5+6 | Metallic ores mining | .00055 | .00093 | .00110 | .00039 | .00026 | .00016 | .00022 | .00014 | .00024 | .00032 | .00063 |
| 7 | Coal mining | .06876 | .00215 | .00683 | .00110 | .00192 | .00093 | .00066 | .00016 | .00126 | .00327 | .00154 |
| 8 | Crude petroleum and natural gas | .04024 | .71328 | .06408 | .01094 | .00958 | .00542 | .00477 | .00208 | .00723 | .01448 | .01219 |
| 9+10 | Nonmetallic minerals mining | .00138 | .00202 | .00243 | .00043 | .00044 | .00024 | .00027 | .00069 | .00097 | .00091 | .00056 |
| 11 | New construction, including own-account construction | | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | .08791 | .13741 | .12552 | .01386 | .02170 | .01126 | .01282 | .05005 | .06708 | .04311 | .01817 |
| 13 | Ordnance and accessories | .00001 | .00001 | .00002 | .00002 | .00002 | .00002 | .00002 | (*) | .00001 | .00003 | .00002 |
| 14 | Food and kindred products | .00180 | .00181 | .00199 | .00345 | .00231 | .00174 | .00238 | .00041 | .00128 | .0060 | .00267 |
| 15 | Tobacco products | (*) | (*) | (*) | (*) | (*) | | | | | (*) | (*) |
| 16 | Broad and narrow fabrics, yarn and thread mills | .00072 | .00042 | .00082 | .00098 | .00057 | .00037 | .00035 | .00012 | .00027 | .00366 | .00537 |
| 17 | Miscellaneous textile goods and floor coverings | .00039 | .00049 | .00075 | .00043 | .00040 | .00020 | .00022 | .00018 | .00029 | .00108 | .00105 |
| 18 | Apparel | .00017 | .00012 | .00035 | .00099 | .00019 | .00011 | .00013 | .00002 | .00009 | .00137 | .00562 |
| 19 | Miscellaneous fabricated textile products | .00028 | .00027 | .00035 | .00058 | .00023 | .00049 | .00033 | .00009 | .00019 | .00850 | .00326 |
| 20+21 | Lumber and wood products | .01005 | .01497 | .01996 | .00895 | .00453 | .00268 | .00303 | .00525 | .00759 | .00653 | .00502 |
| 22+23 | Furniture and fixtures | .00029 | .00009 | .00016 | .00012 | .00012 | .00028 | .00018 | .00002 | .00008 | .00012 | .00012 |
| 24 | Paper and allied products, except containers | .00331 | .00388 | .00534 | .01463 | .01586 | .00839 | .00814 | .00096 | .00388 | .01009 | .01316 |
| 25 | Paperboard containers and boxes | .00109 | .00127 | .00211 | .00763 | .00270 | .00120 | .00128 | .00033 | .00082 | .00356 | .00302 |
| 26A | Newspapers and periodicals | .00022 | .00022 | .00041 | .00088 | .00063 | .00103 | .00055 | .00005 | .00021 | .00117 | .00073 |
| 26B | Other printing and publishing | .00297 | .00284 | .00440 | .01554 | .00598 | .01201 | .01303 | .00072 | .00319 | .00671 | .01440 |
| 27A | Industrial and other chemicals | .00919 | .01454 | .02655 | .00643 | .00482 | .00316 | .00367 | .00153 | .00342 | .00691 | .01143 |
| 27B | Agricultural fertilizers and chemicals | .00060 | .00072 | .00167 | .00128 | .00049 | .00025 | .00030 | .00205 | .00125 | .00337 | .00055 |
| 28 | Plastics and synthetic materials | .00212 | .00231 | .00468 | .00282 | .00228 | .00115 | .00162 | .00065 | .00134 | .00356 | .00551 |
| 29A | Drugs | .00002 | .00003 | .00006 | .00011 | .00002 | .00002 | .00002 | .00001 | .00002 | .00005 | .00006 |
| 29B | Cleaning and toilet preparations | .00038 | .00047 | .00076 | .00124 | .00062 | .00031 | .00033 | .00009 | .00033 | .00162 | .01212 |
| 30 | Paints and allied products | .00103 | .00155 | .00184 | .00041 | .00044 | .00023 | .00053 | .00052 | .00079 | .00063 | .00072 |
| 31 | Petroleum refining and related products | .02298 | .01664 | .05238 | .01065 | .00919 | .00486 | .00464 | .00198 | .00573 | .00947 | .00911 |
| 32 | Rubber and miscellaneous plastics products | .00681 | .00673 | .01634 | .00901 | .00707 | .00297 | .00517 | .00202 | .00417 | .00906 | .01212 |
| 33+34 | Footwear, leather, and leather products | .00006 | .00006 | .00006 | .00009 | .00045 | .00010 | .00009 | .00001 | .00005 | .00042 | .00436 |
| 35 | Glass and glass products | .00068 | .00074 | .00172 | .00093 | .00046 | .00041 | .00060 | .00018 | .00042 | .00492 | .00094 |
| 36 | Stone and clay products | .00486 | .00767 | .00871 | .00122 | .00126 | .00071 | .00080 | .00194 | .00369 | .00302 | .00154 |
| 37 | Primary iron and steel manufacturing | .00710 | .01701 | .01128 | .00360 | .00280 | .00161 | .00223 | .00172 | .00289 | .00331 | .00604 |
| 38 | Primary nonferrous metals manufacturing | .00525 | .00558 | .00929 | .00452 | .00245 | .00159 | .00221 | .00141 | .00246 | .00281 | .00727 |
| 39 | Metal containers | .00018 | .00022 | .00035 | .00099 | .00013 | .00009 | .00012 | .00005 | .00010 | .00026 | .00033 |
| 40 | Heating, plumbing, and fabricated structural metal products | .00484 | .00710 | .00678 | .00124 | .00131 | .00070 | .00082 | .00271 | .00343 | .00226 | .00142 |
| 41 | Screw machine products and stampings | .00178 | .00123 | .00290 | .00105 | .00082 | .00056 | .00092 | .00027 | .00064 | .00096 | .00279 |
| 42 | Other fabricated metal products | .00407 | .00794 | .00863 | .00330 | .00291 | .00191 | .00289 | .00138 | .00260 | .00314 | .00588 |
| 43 | Engines and turbines | .00425 | .00066 | .00141 | .00038 | .00067 | .00028 | .00038 | .00009 | .00027 | .00048 | .00040 |
| 44+45 | Farm, construction, and mining machinery | .00401 | .00228 | .00146 | .00030 | .00023 | .00012 | .00012 | .00059 | .00030 | .00040 | .00022 |
| 46 | Materials handling machinery and equipment | .00064 | .00043 | .00023 | .00114 | .00011 | .00007 | .00008 | .00003 | .00007 | .00014 | .00012 |
| 47 | Metalworking machinery and equipment | .00112 | .00115 | .00120 | .00091 | .00049 | .00032 | .00039 | .00015 | .00034 | .00059 | .00089 |
| 48 | Special industry machinery and equipment | .00023 | .00029 | .00047 | .00057 | .00043 | .00028 | .00033 | .00006 | .00020 | .00048 | .00108 |
| 49 | General industrial machinery and equipment | .00251 | .00213 | .00226 | .00080 | .00061 | .00050 | .00055 | .00031 | .00061 | .00085 | .00131 |
| 50 | Miscellaneous machinery, except electrical | .00430 | .00332 | .00772 | .00293 | .00167 | .00083 | .00098 | .00029 | .00091 | .00156 | .00313 |
| 51 | Computer and office equipment | .00142 | .00274 | .00150 | .00285 | .00159 | .00382 | .00363 | .00022 | .00072 | .00193 | .00947 |
| 52 | Service industry machinery | .00175 | .00225 | .00409 | .00075 | .00071 | .00029 | .00044 | .00070 | .00112 | .00098 | .00435 |
| 53 | Electrical industrial equipment and apparatus | .00366 | .00272 | .00531 | .00126 | .00098 | .00084 | .00099 | .00047 | .00104 | .00162 | .00301 |
| 54 | Household appliances | .00026 | .00039 | .00043 | .00011 | .00014 | .00007 | .00008 | .00013 | .00030 | .00046 | .01316 |
| 55 | Electric lighting and wiring equipment | .00233 | .00379 | .00328 | .00081 | .00099 | .00040 | .00055 | .00081 | .00125 | .00119 | .00102 |
| 56 | Audio, video, and communication equipment | .00050 | .00072 | .00109 | .00103 | .00056 | .00071 | .00082 | .00022 | .00049 | .00073 | .00083 |
| 57 | Electronic components and accessories | .00284 | .00340 | .00669 | .01694 | .00353 | .00509 | .00483 | .00054 | .00172 | .00376 | .02036 |
| 58 | Miscellaneous electrical machinery and supplies | .00138 | .00120 | .00283 | .00125 | .00112 | .00110 | .00175 | .00021 | .00055 | .00095 | .00115 |
| 59A | Motor vehicles (passenger cars and trucks) | .00004 | .00003 | .00021 | .00004 | .00005 | .00002 | .00005 | .00001 | .00002 | .00003 | .00003 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00261 | .00236 | .02453 | .00423 | .00539 | .00204 | .00414 | .00042 | .00204 | .00310 | .00293 |
| 60 | Aircraft and parts | .00020 | .00029 | .00029 | .00027 | .00019 | .00020 | .00028 | .00003 | .00013 | .00027 | .00015 |
| 61 | Other transportation equipment | .00079 | .00026 | .00084 | .00016 | .00015 | .00015 | .00020 | .00004 | .00015 | .00024 | .00015 |
| 62 | Scientific and controlling instruments | .00109 | .00095 | .01316 | .00050 | .00047 | .00029 | .00082 | .00021 | .00054 | .00072 | .00201 |
| 63 | Ophthalmic and photographic equipment | .00040 | .00064 | .00081 | .00174 | .00093 | .00173 | .00247 | .00013 | .00059 | .00121 | .01044 |
| 64 | Miscellaneous manufacturing | .00074 | .00091 | .00108 | .00137 | .00121 | .00162 | .00128 | .00026 | .00071 | .00190 | .01610 |
| 65A | Railroads and related services; passenger ground transportation | .02949 | .00436 | .00729 | .00301 | .00293 | .00247 | .00336 | .00056 | .00226 | .00403 | .00325 |
| 65B | Motor freight transportation and warehousing | .01296 | .01174 | .07120 | .01066 | .00864 | .01565 | .01106 | .00269 | .00615 | .01365 | .01390 |
| 65C | Water transportation | .00506 | .00117 | .00521 | .00064 | .00068 | .00121 | .00065 | .00014 | .00051 | .00084 | .00065 |
| 65D | Air transportation | .00514 | .00838 | .00751 | .00787 | .00532 | .0060 | .00830 | .00076 | .00385 | .00783 | .00596 |
| 65E | Pipelines, freight forwarders, and related services | .00257 | .01367 | .01314 | .00213 | .00131 | .00142 | .00153 | .00025 | .00098 | .01634 | .00161 |
| 66 | Communications, except radio and TV | .00707 | .00942 | .02252 | .02794 | .01742 | .02465 | .03535 | .00202 | .01202 | .02237 | .02186 |
| 67 | Radio and TV broadcasting | .00004 | .00006 | .00008 | .00024 | .00039 | .00018 | .00017 | .00001 | .00009 | .00019 | .00024 |
| 68A | Electric services (utilities) | 1.00916 | .04581 | .02518 | .01236 | .02398 | .00742 | .00597 | .00140 | .01321 | .04270 | .01745 |
| 68B | Gas production and distribution (utilities) | .04332 | 1.32069 | .03861 | .00568 | .00532 | .00338 | .00235 | .00077 | .00513 | .01306 | .00918 |
| 68C | Water and sanitary services | .00381 | .00387 | 1.03612 | .00333 | .00482 | .0040 | .00242 | .00061 | .00798 | .01612 | .00727 |
| 69A | Wholesale trade | .02499 | .03430 | .05287 | 1.04486 | .01646 | .01377 | .01488 | .00577 | .01173 | .02353 | .04380 |
| 69B | Retail trade | .00513 | .00890 | .01148 | .00392 | 1.00529 | .00131 | .00185 | .00293 | .00404 | .00450 | .00263 |
| 70A | Finance | .02472 | .02620 | .02538 | .02055 | .02866 | 1.22918 | .12019 | .02566 | .01634 | .07466 | .02018 |
| 70B | Insurance | .00654 | .00868 | .01579 | .00742 | .00747 | .00802 | 1.38684 | .01027 | .00467 | .00740 | .00707 |
| 71A | Owner-occupied dwellings | | | | | | | | 1.00000 | | | |
| 71B | Real estate and royalties | .02966 | .15072 | .04503 | .04734 | .08319 | .04954 | .06394 | .03958 | 1.07367 | .08105 | .07559 |
| 72A | Hotels and lodging places | .00343 | .00479 | .00421 | .00523 | .00446 | .00422 | .00731 | .00050 | .00334 | 1.00627 | .00438 |
| 72B | Personal and repair services (except auto) | .00146 | .00149 | .00365 | .00394 | .00441 | .00204 | .00245 | .00033 | .00287 | .00910 | 1.0460 |
| 73A | Computer and data processing services, including own-account software | .01342 | .00984 | .00921 | .01635 | .01107 | .03094 | .01658 | .00141 | .00382 | .01374 | .01052 |
| 73B | Legal, engineering, accounting, and related services | .02309 | .05597 | .04509 | .02289 | .01768 | .04192 | .05482 | .00963 | .02570 | .02409 | .05012 |
| 73C | Other business and professional services, except medical | .03150 | .03810 | .04644 | .07473 | .05947 | .06652 | .08320 | .01121 | .04269 | .11668 | .05494 |
| 73D | Advertising | .00521 | .00748 | .00958 | .03211 | .05498 | .02447 | .02171 | .00180 | .01245 | .02553 | .03286 |
| 74 | Eating and drinking places | .00418 | .00514 | .00479 | .00555 | .00555 | .00437 | .00756 | .00053 | .00346 | .00814 | .00501 |
| 75 | Automotive repair and services | .00552 | .00809 | .02505 | .01272 | .00974 | .00638 | .02645 | .00151 | .01062 | .01151 | .01017 |
| 76 | Amusements | .00172 | .00266 | .00262 | .00658 | .00842 | .00467 | .00515 | .00046 | .00259 | .00507 | .00558 |
| 77A | Health services | .00002 | .00002 | .00013 | .00003 | .00002 | .00002 | .00002 | .00001 | .00002 | .00005 | .00003 |
| 77B | Educational and social services, and membership organizations | .00669 | .00275 | .00262 | .00358 | .00226 | .00380 | .00350 | .00032 | .00172 | .00401 | .00538 |
| 78 | Federal Government enterprises | .00438 | .00419 | .00497 | .00849 | .00787 | .03422 | .01463 | .00119 | .00434 | .00867 | .00798 |
| 79 | State and local government enterprises | .00134 | .00099 | .00504 | .00088 | .0010 | .00061 | .00047 | .00010 | .00121 | .00223 | .00114 |
| 80 | Noncomparable imports | .00361 | .00874 | .00597 | .01124 | .00276 | .01522 | .00972 | .00070 | .00169 | .00566 | .00420 |
| 81 | Scrap, used and secondhand goods | .00055 | .00099 | .00097 | .00047 | .00035 | .00021 | .00032 | .00014 | .00028 | .00037 | .00067 |
| 82 | General government industry | | | | | | | | | | | |
| 83 | Rest of the world adjustment to final uses | | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | | |
| | **Total commodity output multiplier** | **1.64866** | **2.78224** | **2.02615** | **1.57719** | **1.53327** | **1.69801** | **2.01615** | **1.22084** | **1.43119** | **1.77045** | **1.73621** |

* Less than .000005.

## Total Requirements, 1996—Continued

of delivery to final demand, at producers' prices]

| Computer and data processing services, including own-account software | Legal, engineering, accounting, and related services | Other business and professional services, except medical | Advertising | Eating and drinking places | Automotive repair and services | Amusements | Health services | Educational and social services, and membership organizations | Federal Government enterprises | State and local government enterprises | Non-comparable imports | Scrap, used, and second-hand goods | General government industry | Rest-of-the-world adjustment to final uses | Household industry | Inventory valuation adjustment | Commodity number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 73A | 73B | 73C | 73D | 74 | 75 | 76 | 77A | 77B | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | |
| .00052 | .00039 | .00076 | .00102 | .05137 | .00058 | .00375 | .00276 | .00403 | .00227 | .00060 | | | | | | | 1 |
| .00080 | .00057 | .00078 | .00165 | .04796 | .00099 | .00688 | .00329 | .00424 | .00258 | .00176 | | | | | | | 2 |
| .00051 | .00031 | .00038 | .00113 | .00983 | .00076 | .00071 | .00077 | .00112 | .00094 | .00198 | | | | | | | 3 |
| .00177 | .00129 | .00098 | .00163 | .00957 | .00155 | .00454 | .00318 | .00365 | .00108 | .00548 | | | | | | | 4 |
| .00055 | .00016 | .00035 | .00052 | .00054 | .00211 | .00032 | .00051 | .00040 | .00063 | .00104 | | | | | | | 5+6 |
| .00092 | .00070 | .00069 | .00131 | .00240 | .00184 | .00186 | .00152 | .00141 | .01015 | .01287 | | | | | | | 7 |
| .00580 | .00424 | .00776 | .00970 | .01502 | .01831 | .00937 | .01074 | .01145 | .02418 | .07317 | | | | | | | 8 |
| .00042 | .00023 | .00033 | .00077 | .0010 | .00071 | .00059 | .00067 | .00091 | .00067 | .00381 | | | | | | | 9+10 |
| | | | | | | | | | | | | | | | | | 11 |
| .01668 | .00972 | .00960 | .01690 | .02321 | .01827 | .02267 | .01788 | .05136 | .03421 | .20005 | | | | | | | 12 |
| .00002 | .00003 | .00026 | .00006 | .00002 | .00002 | .00023 | .00002 | .00003 | .00001 | .00001 | | | | | | | 13 |
| .00211 | .00153 | .00227 | .00367 | .25485 | .00227 | .01211 | .01233 | .01704 | .01109 | .00170 | | | | | | | 14 |
| (*) | | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | | | | | | | 15 |
| .00042 | .00025 | .00045 | .00142 | .00108 | .00137 | .00193 | .00151 | .00106 | .00209 | .00090 | | | | | | | 16 |
| .00032 | .00017 | .00025 | .00096 | .00090 | .00102 | .00044 | .00064 | .00056 | .00090 | .00083 | | | | | | | 17 |
| .00016 | .00011 | .00044 | .00043 | .00025 | .00053 | .00148 | .00152 | .00068 | .00028 | .00057 | | | | | | | 18 |
| .00017 | .00014 | .00018 | .00034 | .00097 | .00126 | .00068 | .00150 | .00063 | .00312 | .00035 | | | | | | | 19 |
| .00429 | .00264 | .00289 | .01072 | .00575 | .00458 | .00516 | .00399 | .00998 | .00592 | .02191 | | | | | | | 20+21 |
| .00014 | .00012 | .00010 | .00013 | .00012 | .00170 | .00011 | .00014 | .00015 | .00756 | .00013 | | | | | | | 22+23 |
| .01629 | .00752 | .00955 | .07827 | .01826 | .00867 | .00957 | .01064 | .02039 | .00861 | .00520 | | | | | | | 24 |
| .00212 | .00129 | .00291 | .00412 | .01049 | .00331 | .00240 | .00352 | .00343 | .00407 | .00169 | | | | | | | 25 |
| .00064 | .00079 | .00066 | .00592 | .00048 | .00071 | .00105 | .00092 | .00426 | .00032 | .00030 | | | | | | | 26A |
| .01312 | .01090 | .00908 | .06278 | .00812 | .00643 | .00775 | .00842 | .04938 | .01373 | .00447 | | | | | | | 26B |
| .00659 | .00328 | .00884 | .02048 | .01118 | .01270 | .00689 | .02645 | .00876 | .00776 | .02469 | | | | | | | 27A |
| .00045 | .00028 | .00034 | .00088 | .00546 | .00056 | .00322 | .00107 | .00120 | .00051 | .00301 | | | | | | | 27B |
| .00299 | .00122 | .00207 | .00584 | .00493 | .00797 | .00239 | .00499 | .00331 | .00259 | .00376 | | | | | | | 28 |
| .00003 | .00002 | .00005 | .00005 | .00095 | .00003 | .00017 | .02089 | .00034 | .00006 | .00007 | | | | | | | 29A |
| .00043 | .00041 | .00151 | .00083 | .00102 | .00119 | .00070 | .00163 | .00127 | .00121 | .0010 | | | | | | | 29B |
| .00042 | .00023 | .00046 | .00063 | .00068 | .00320 | .00081 | .00048 | .00098 | .00072 | .00228 | | | | | | | 30 |
| .00506 | .00388 | .00768 | .00723 | .01158 | .01856 | .00812 | .00691 | .01020 | .02766 | .05035 | | | | | | | 31 |
| .00889 | .00366 | .00667 | .01167 | .01857 | .02849 | .00597 | .01807 | .00966 | .00574 | .01108 | | | | | | | 32 |
| .00008 | .00016 | .00023 | .00020 | .00014 | .00014 | .00089 | .00016 | .00060 | .00067 | .00006 | | | | | | | 33+34 |
| .00128 | .00102 | .00138 | .00070 | .00437 | .00603 | .00064 | .00297 | .00212 | .00074 | .00155 | | | | | | | 35 |
| .00129 | .00077 | .00112 | .00125 | .00295 | .00268 | .00133 | .00194 | .00250 | .00195 | .01425 | | | | | | | 36 |
| .00455 | .00165 | .00374 | .00371 | .00499 | .02489 | .0030 | .00333 | .00412 | .00692 | .01162 | | | | | | | 37 |
| .00773 | .00162 | .00310 | .00431 | .00583 | .02102 | .00322 | .00310 | .00374 | .00649 | .00913 | | | | | | | 38 |
| .00016 | .00009 | .00025 | .00028 | .00587 | .00032 | .00039 | .00052 | .00053 | .00038 | .00035 | | | | | | | 39 |
| .00203 | .00064 | .00082 | .00121 | .00142 | .00293 | .00139 | .00123 | .00272 | .00218 | .01007 | | | | | | | 40 |
| .00253 | .00058 | .00126 | .00105 | .00141 | .01668 | .00108 | .00175 | .00135 | .00250 | .00216 | | | | | | | 41 |
| .00549 | .00198 | .00280 | .00306 | .00390 | .01717 | .00302 | .00320 | .00423 | .00358 | .00737 | | | | | | | 42 |
| .00034 | .00025 | .00083 | .00042 | .00044 | .00662 | .00037 | .00034 | .00039 | .00224 | .00194 | | | | | | | 43 |
| .00016 | .00012 | .00038 | .00024 | .00053 | .00031 | .00031 | .00024 | .00031 | .00073 | .00273 | | | | | | | 44+45 |
| .00012 | .00009 | .00060 | .00016 | .00017 | .00017 | .00011 | .00012 | .00013 | .00028 | .00028 | | | | | | | 46 |
| .00085 | .00046 | .00227 | .00085 | .00066 | .00212 | .00053 | .00056 | .00067 | .00088 | .00125 | | | | | | | 47 |
| .00049 | .00038 | .00202 | .00205 | .00145 | .00074 | .00036 | .00055 | .00066 | .00034 | .00043 | | | | | | | 48 |
| .00070 | .00047 | .00206 | .00087 | .00206 | .00383 | .00064 | .00065 | .00081 | .00202 | .00238 | | | | | | | 49 |
| .00221 | .00120 | .00283 | .00228 | .00195 | .01200 | .00148 | .00166 | .00187 | .00456 | .01224 | | | | | | | 50 |
| .08366 | .00452 | .00372 | .00269 | .00120 | .00221 | .00170 | .00460 | .00240 | .00093 | .00119 | | | | | | | 51 |
| .00042 | .00030 | .00070 | .00057 | .00076 | .00675 | .00125 | .00066 | .00112 | .00103 | .00737 | | | | | | | 52 |
| .00487 | .00098 | .00443 | .00180 | .00123 | .00512 | .00114 | .00153 | .00149 | .00129 | .00876 | | | | | | | 53 |
| .00011 | .00006 | .00010 | .00012 | .00017 | .00021 | .00014 | .00015 | .00029 | .00012 | .00066 | | | | | | | 54 |
| .00080 | .00037 | .00089 | .00073 | .00109 | .00381 | .00161 | .00171 | .00215 | .00127 | .00447 | | | | | | | 55 |
| .00183 | .00070 | .00061 | .00132 | .00046 | .00069 | .00061 | .00075 | .00091 | .00036 | .00116 | | | | | | | 56 |
| .09263 | .00508 | .00784 | .00697 | .00338 | .01258 | .00395 | .00735 | .00551 | .00318 | .00434 | | | | | | | 57 |
| .00459 | .00197 | .00161 | .00146 | .00114 | .00710 | .00619 | .00098 | .00152 | .00127 | .00261 | | | | | | | 58 |
| .00003 | .00002 | .00006 | .00003 | .00004 | .00126 | .00005 | .00005 | .00004 | .00018 | .00010 | | | | | | | 59A |
| .00224 | .00170 | .00346 | .00285 | .00408 | .11724 | .00312 | .00291 | .00368 | .02153 | .00686 | | | | | | | 59B |
| .00026 | .00020 | .00027 | .00022 | .00025 | .00037 | .00023 | .00027 | .00024 | .00084 | .00018 | | | | | | | 60 |
| .00015 | .00018 | .00111 | .00033 | .00023 | .00019 | .00082 | .00017 | .00026 | .00098 | .00162 | | | | | | | 61 |
| .00141 | .00047 | .00087 | .00086 | .00049 | .00143 | .00054 | .01721 | .00157 | .00051 | .00206 | | | | | | | 62 |
| .00176 | .00272 | .00309 | .00354 | .00066 | .00115 | .00119 | .00280 | .00283 | .00071 | .00064 | | | | | | | 63 |
| .00129 | .00143 | .00202 | .00282 | .00233 | .00112 | .00339 | .00108 | .00443 | .00088 | .00134 | | | | | | | 64 |
| .00297 | .00203 | .00322 | .00514 | .00708 | .00511 | .00329 | .00374 | .00376 | .01236 | .00995 | | | | | | | 65A |
| .00820 | .00704 | .00971 | .01805 | .02491 | .01915 | .00931 | .01054 | .01336 | .03311 | .02164 | | | | | | | 65B |
| .00051 | .00050 | .00051 | .00067 | .00125 | .00099 | .00061 | .00076 | .00090 | .02871 | .00654 | | | | | | | 65C |
| .00744 | .00591 | .00718 | .00639 | .00735 | .00835 | .00629 | .00729 | .00684 | .02474 | .00454 | | | | | | | 65D |
| .00133 | .00108 | .00145 | .00169 | .00232 | .00367 | .00141 | .00157 | .00171 | .00569 | .00392 | | | | | | | 65E |
| .03309 | .02091 | .02076 | .02216 | .01211 | .02041 | .01751 | .01854 | .01950 | .00999 | .01257 | | | | | | | 66 |
| .00014 | .00007 | .00010 | .00707 | .00024 | .00020 | .00034 | .00010 | .00005 | .00007 | .00007 | | | | | | | 67 |
| .00950 | .00735 | .0070 | .01285 | .02805 | .01631 | .02349 | .01733 | .01539 | .01053 | .04132 | | | | | | | 68A |
| .00323 | .00240 | .00333 | .00554 | .01060 | .00841 | .00550 | .00695 | .00684 | .00890 | .05239 | | | | | | | 68B |
| .00236 | .00181 | .00209 | .00299 | .00870 | .00585 | .00473 | .00521 | .00548 | .00936 | .01541 | | | | | | | 68C |
| .05491 | .01423 | .02230 | .04188 | .08564 | .06716 | .03348 | .03536 | .03637 | .03215 | .04340 | | | | | | | 69A |
| .00176 | .00123 | .0030 | .00236 | .00387 | .00783 | .00291 | .00235 | .00475 | .00265 | .01084 | | | | | | | 69B |
| .02038 | .02125 | .01729 | .01792 | .02257 | .07069 | .02007 | .02014 | .03117 | .02014 | .02847 | | | | | | | 70A |
| .00486 | .00456 | .00575 | .00870 | .00745 | .01051 | .00664 | .01018 | .00784 | .00759 | .00743 | | | | | | | 70B |
| | | | | | | | | | | | | | | | | | 71A |
| .09916 | .06774 | .03816 | .04656 | .07432 | .06976 | .09074 | .08565 | .12677 | .03239 | .05089 | | | | | | | 71B |
| .00485 | .0060 | .00562 | .00484 | .00519 | .00567 | .00490 | .00598 | .00522 | .00190 | .00265 | | | | | | | 72A |
| .00366 | .00192 | .00299 | .00390 | .00444 | .01148 | .00463 | .00394 | .00386 | .00135 | .00260 | | | | | | | 72B |
| 1.09729 | .02258 | .01690 | .01254 | .00856 | .01513 | .00977 | .01376 | .01848 | .00671 | .00825 | | | | | | | 73A |
| .02796 | 1.08858 | .03156 | .02002 | .02549 | .03759 | .02834 | .02858 | .01285 | .05151 | | | | | | | | 73B |
| .06792 | .11867 | 1.07606 | .06893 | .05035 | .05312 | .06501 | .07772 | .09848 | .04803 | .04569 | | | | | | | 73C |
| .01791 | .0810 | .01286 | 1.02727 | .03423 | .02719 | .04837 | .01233 | .03271 | .00623 | .00908 | | | | | | | 73D |
| .00549 | .00430 | .00641 | .00523 | 1.01757 | .00611 | .00557 | .00888 | .00867 | .00332 | .00349 | | | | | | | 74 |
| .01127 | .00772 | .00962 | .01179 | .01166 | 1.0186 | .01221 | .01192 | .00946 | .01039 | | | | | | | | 75 |
| .00418 | .00262 | .00469 | .12112 | .01779 | .00515 | 1.20213 | .00314 | .01038 | .00140 | .0020 | | | | | | | 76 |
| .00002 | .00002 | .00006 | .00008 | .00109 | .00002 | .00051 | 1.01893 | .00010 | .00006 | .00003 | | | | | | | 77A |
| .01468 | .00585 | .00466 | .00525 | .00330 | .00318 | .00318 | .00495 | 1.00754 | .00178 | .00267 | | | | | | | 77B |
| .00847 | .01116 | .00771 | .00684 | .00429 | .01208 | .00689 | .01166 | .01235 | 1.00323 | .00544 | | | | | | | 78 |
| .00051 | .00052 | .00049 | .00071 | .00134 | .00164 | .00075 | .00075 | .00090 | .00089 | 1.01031 | | | | | | | 79 |
| .01220 | .00530 | .00691 | .00583 | .00432 | .00777 | .00494 | .00419 | .00360 | .02257 | .00417 | 1.00000 | | | | | | 80 |
| .00066 | .00021 | .00038 | .00075 | .00060 | .00470 | −.00105 | .00039 | .00050 | .00064 | .00093 | | 1.00000 | | | | | 81 |
| | | | | | | | | | | | | | 1.00000 | | | | 82 |
| | | | | | | | | | | | | | | 1.00000 | | | 83 |
| | | | | | | | | | | | | | | | 1.00000 | | 84 |
| | | | | | | | | | | | | | | | | 1.00000 | 85 |
| 1.84557 | 1.52988 | 1.45998 | 1.8066 | 2.0534 | 1.93855 | 1.79802 | 1.6610 | 1.8013 | 1.61098 | 2.02479 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | 1.00000 | |

# SURVEY OF CURRENT BUSINESS

## Table 5.—Industry-by-Commodity
[Total requirements, direct and indirect, per dollar

| Industry number | Each entry represents the output required, directly and indirectly, of the industry named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column | Livestock and livestock products | Other agricultural products | Forestry and fishery products | Agricultural, forestry, and fishery services | Metallic ores mining | Coal mining | Crude petroleum and natural gas | Non-metallic minerals mining | New construction, including own-account construction | Maintenance and repair construction, including own-account construction |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Commodity number | 1 | 2 | 3 | 4 | 5+6 | 7 | 8 | 9+10 | 11 | 12 |
| 1 | Livestock and livestock products | 1.18689 | .00440 | .05279 | .05042 | .00092 | .00077 | .00051 | .00057 | .00104 | .00114 |
| 2 | Other agricultural products | .42238 | 1.04336 | .28446 | .16890 | .00207 | .00194 | .00117 | .00108 | .00568 | .00641 |
| 3 | Forestry and fishery products | .00250 | .00088 | .78717 | .00193 | .00104 | .00080 | .00051 | .00043 | .00506 | .00683 |
| 4 | Agricultural, forestry, and fishery services | .08416 | .06886 | .20780 | .96208 | .00317 | .00199 | .00209 | .00125 | .00532 | .00614 |
| 5+6 | Metallic ores mining | .00097 | .00069 | .00060 | .00064 | 1.13687 | .00202 | .00113 | .00253 | .00254 | .00223 |
| 7 | Coal mining | .00301 | .00133 | .00102 | .00101 | .00758 | 1.11364 | .00207 | .00734 | .00195 | .00165 |
| 8 | Crude petroleum and natural gas | .03820 | .04122 | .03544 | .02906 | .04495 | .03784 | 1.32677 | .05271 | .02194 | .02770 |
| 9+10 | Nonmetallic minerals mining | .00430 | .00726 | .00352 | .00538 | .00501 | .00225 | .00155 | 1.03419 | .01201 | .01253 |
| 11 | New construction, including own-account construction | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | 1.0004 | .......... |
| 12 | Maintenance and repair construction, including own-account construction | .03960 | .02581 | .03738 | .02015 | .0420 | .01875 | .05940 | .02218 | .01182 | 1.01134 |
| 13 | Ordnance and accessories | .00004 | .00003 | .00003 | .00003 | .00006 | .00005 | .00003 | .00005 | .00010 | .00008 |
| 14 | Food and kindred products | .30404 | .00437 | .06023 | .01921 | .00348 | .00265 | .00183 | .00233 | .00252 | .00254 |
| 15 | Tobacco products | (*) | (*) | (*) | (*) | .00001 | (*) | (*) | (*) | (*) | (*) |
| 16 | Broad and narrow fabrics, yarn and thread mills | .00310 | .00409 | .00286 | .00234 | .00074 | .00608 | .00036 | .00069 | .00250 | .00228 |
| 17 | Miscellaneous textile goods and floor coverings | .00386 | .00264 | .00505 | .00309 | .00045 | .00056 | .00027 | .00041 | .00297 | .00281 |
| 18 | Apparel | .00036 | .00025 | .00029 | .00025 | .00015 | .00042 | .00010 | .00014 | .00026 | .00026 |
| 19 | Miscellaneous fabricated textile products | .00107 | .00178 | .00153 | .00205 | .00019 | .00021 | .00015 | .00016 | .00084 | .00096 |
| 20+21 | Lumber and wood products | .01046 | .00932 | .00684 | .00435 | .01325 | .00863 | .00681 | .00379 | .07534 | .10308 |
| 22+23 | Furniture and fixtures | .00018 | .00011 | .00011 | .00010 | .00018 | .00017 | .00010 | .00016 | .00316 | .00059 |
| 24 | Paper and allied products, except containers | .01994 | .01016 | .00956 | .00775 | .00497 | .00466 | .00294 | .00470 | .01231 | .01005 |
| 25 | Paperboard containers and boxes | .01205 | .00896 | .00687 | .00732 | .00227 | .00213 | .00096 | .00172 | .00396 | .00366 |
| 26A | Newspapers and periodicals | .00517 | .00212 | .00274 | .00302 | .00198 | .00221 | .00195 | .00355 | .00310 | .00296 |
| 26B | Other printing and publishing | .01014 | .00450 | .00634 | .00549 | .00426 | .00463 | .00366 | .00467 | .00645 | .00589 |
| 27A | Industrial and other chemicals | .02211 | .02270 | .01519 | .02280 | .06988 | .02591 | .01764 | .02949 | .01942 | .01863 |
| 27B | Agricultural fertilizers and chemicals | .04208 | .08258 | .04132 | .09256 | .00232 | .00117 | .00082 | .0010 | .00165 | .00180 |
| 28 | Plastics and synthetic materials | .00776 | .00587 | .00492 | .00519 | .00712 | .00662 | .00224 | .00492 | .00964 | .00968 |
| 29A | Drugs | .00653 | .00139 | .00113 | .00180 | .00057 | .00023 | .00016 | .00025 | .00021 | .00020 |
| 29B | Cleaning and toilet preparations | .00326 | .00276 | .00253 | .0030 | .00128 | .00077 | .00053 | .00075 | .00127 | .00133 |
| 30 | Paints and allied products | .00105 | .00064 | .00077 | .00077 | .00123 | .00088 | .00084 | .00077 | .00924 | .00973 |
| 31 | Petroleum refining and related products | .03441 | .03321 | .03432 | .01896 | .03867 | .04048 | .01309 | .04362 | .02137 | .02942 |
| 32 | Rubber and miscellaneous plastics products | .02340 | .01177 | .00932 | .00792 | .01523 | .02332 | .00446 | .01687 | .02963 | .03163 |
| 33+34 | Footwear, leather, and leather products | .00089 | .00009 | .00013 | .00014 | .00005 | .00005 | .00004 | .00004 | .00012 | .00011 |
| 35 | Glass and glass products | .00372 | .00072 | .00126 | .00111 | .00086 | .00097 | .00054 | .00108 | .00488 | .00263 |
| 36 | Stone and clay products | .00317 | .00306 | .00249 | .00179 | .00750 | .01033 | .00613 | .00235 | .06495 | .03730 |
| 37 | Primary iron and steel manufacturing | .00973 | .00580 | .00577 | .00429 | .05164 | .02627 | .02469 | .00332 | .03588 | .03014 |
| 38 | Primary nonferrous metals manufacturing | .00831 | .00347 | .00428 | .00315 | .00834 | .00955 | .00439 | .00705 | .02710 | .02450 |
| 39 | Metal containers | .00715 | .00069 | .00183 | .00104 | .00060 | .00034 | .00021 | .00034 | .00059 | .00061 |
| 40 | Heating, plumbing, and fabricated structural metal products | .00290 | .00194 | .00231 | .00137 | .01373 | .00823 | .00374 | .00823 | .05555 | .04661 |
| 41 | Screw machine products and stampings | .00222 | .00095 | .00118 | .00092 | .00386 | .00960 | .00108 | .00327 | .00504 | .00428 |
| 42 | Other fabricated metal products | .00978 | .00628 | .00526 | .00475 | .00586 | .00889 | .00838 | .00528 | .02721 | .02304 |
| 43 | Engines and turbines | .00078 | .00050 | .00165 | .00040 | .00584 | .00932 | .00079 | .00588 | .00115 | .00095 |
| 44+45 | Farm, construction, and mining machinery | .00349 | .00337 | .00309 | .00178 | .02966 | .05647 | .00356 | .03283 | .00343 | .00289 |
| 46 | Materials handling machinery and equipment | .00030 | .00023 | .00017 | .00018 | .00611 | .00708 | .00062 | .01294 | .00359 | .00049 |
| 47 | Metalworking machinery and equipment | .00158 | .00096 | .00082 | .00058 | .00279 | .00242 | .00094 | .00173 | .00308 | .00244 |
| 48 | Special industry machinery and equipment | .00081 | .00049 | .00049 | .00049 | .00103 | .00087 | .00034 | .00082 | .00099 | .00088 |
| 49 | General industrial machinery and equipment | .00227 | .00155 | .00156 | .00096 | .00794 | .01675 | .00251 | .01145 | .01026 | .00527 |
| 50 | Miscellaneous machinery, except electrical | .00388 | .00286 | .00230 | .00205 | .00694 | .01246 | .00372 | .00549 | .00529 | .00401 |
| 51 | Computer and office equipment | .00169 | .0010 | .00107 | .00094 | .00119 | .00114 | .00090 | .00118 | .00193 | .00162 |
| 52 | Service industry machinery | .00096 | .00059 | .00096 | .00061 | .00099 | .00091 | .00104 | .00086 | .01420 | .01371 |
| 53 | Electrical industrial equipment and apparatus | .00201 | .00126 | .00142 | .00094 | .00513 | .00663 | .00235 | .00698 | .01004 | .00762 |
| 54 | Household appliances | .00019 | .00013 | .00015 | .00011 | .00019 | .00014 | .00020 | .00011 | .00216 | .00256 |
| 55 | Electric lighting and wiring equipment | .00179 | .00106 | .00122 | .00133 | .00114 | .00161 | .00363 | .00089 | .01687 | .01499 |
| 56 | Audio, video, and communication equipment | .00065 | .00039 | .00043 | .00039 | .00046 | .00038 | .00043 | .00041 | .00471 | .00371 |
| 57 | Electronic components and accessories | .00484 | .00290 | .00285 | .00260 | .00291 | .00306 | .00183 | .00305 | .00638 | .00547 |
| 58 | Miscellaneous electrical machinery and supplies | .00536 | .00495 | .00255 | .00230 | .00121 | .00147 | .00064 | .00183 | .00347 | .00269 |
| 59A | Motor vehicles (passenger cars and trucks) | .00018 | .00011 | .00019 | .00014 | .00020 | .00031 | .00007 | .00025 | .00019 | .00019 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00492 | .00340 | .00556 | .00410 | .00418 | .00473 | .00192 | .00632 | .00458 | .00470 |
| 60 | Aircraft and parts | .00031 | .00019 | .00037 | .00056 | .00048 | .00066 | .00023 | .00046 | .00034 | .00030 |
| 61 | Other transportation equipment | .00060 | .00022 | .00055 | .00021 | .00061 | .00114 | .00019 | .00044 | .00076 | .00073 |
| 62 | Scientific and controlling instruments | .00132 | .00065 | .00186 | .00104 | .00110 | .00090 | .00063 | .00076 | .00493 | .00402 |
| 63 | Ophthalmic and photographic equipment | .00084 | .00051 | .00059 | .00074 | .00057 | .00070 | .00055 | .00046 | .00096 | .00083 |
| 64 | Miscellaneous manufacturing | .00182 | .00106 | .00094 | .00087 | .00095 | .00096 | .00073 | .00101 | .00449 | .00415 |
| 65A | Railroads and related services; passenger ground transportation | .02230 | .00540 | .00537 | .00547 | .01102 | .03907 | .00383 | .00799 | .00584 | .00575 |
| 65B | Motor freight transportation and warehousing | .06297 | .02721 | .02129 | .02640 | .03244 | .03149 | .01111 | .03317 | .03798 | .03595 |
| 65C | Water transportation | .00201 | .00121 | .02318 | .0010 | .00194 | .00349 | .00079 | .00144 | .00145 | .00147 |
| 65D | Air transportation | .00688 | .00424 | .00813 | .01539 | .00639 | .00742 | .00499 | .00589 | .00547 | .00502 |
| 65E | Pipelines, freight forwarders, and related services | .00666 | .00315 | .00454 | .00392 | .00412 | .00469 | .00245 | .00430 | .00324 | .00331 |
| 66 | Communications, except radio and TV | .01628 | .00898 | .00911 | .01121 | .00976 | .0090 | .00871 | .00954 | .01388 | .01312 |
| 67 | Radio and TV broadcasting | .0040 | .00159 | .00207 | .00227 | .00151 | .00165 | .00153 | .00192 | .00239 | .00231 |
| 68A | Electric services (utilities) | .03112 | .01205 | .00868 | .00845 | .06923 | .02956 | .01974 | .04382 | .01155 | .01074 |
| 68B | Gas production and distribution (utilities) | .01195 | .01239 | .00795 | .00857 | .02085 | .00944 | .07720 | .03182 | .00781 | .00706 |
| 68C | Water and sanitary services | .00293 | .00294 | .00183 | .00117 | .00105 | .0010 | .00144 | .00106 | .00146 | .00143 |
| 69A | Wholesale trade | .14837 | .07353 | .06108 | .06151 | .06647 | .07446 | .02726 | .06879 | .08280 | .07961 |
| 69B | Retail trade | .00390 | .00211 | .00459 | .00205 | .0050 | .00372 | .00591 | .00606 | .04244 | .04905 |
| 70A | Finance | .02826 | .01627 | .02233 | .01923 | .02182 | .02246 | .01792 | .02124 | .02263 | .02043 |
| 70B | Insurance | .01798 | .01401 | .01240 | .00913 | .00980 | .00848 | .00596 | .00899 | .01381 | .00950 |
| 71A | Owner-occupied dwellings | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 71B | Real estate and royalties | .12830 | .11252 | .05024 | .04202 | .03130 | .05378 | .25257 | .03489 | .03080 | .02911 |
| 72A | Hotels and lodging places | .00433 | .00242 | .00433 | .00335 | .00520 | .0006 | .00485 | .00459 | .00394 | .00360 |
| 72B | Personal and repair services (except auto) | .00332 | .00227 | .00250 | .00349 | .00209 | .00197 | .00148 | .00147 | .00261 | .00255 |
| 73A | Computer and data processing services, including own-account software | .00799 | .00425 | .00539 | .00467 | .00699 | .00647 | .00469 | .00723 | .00824 | .00733 |
| 73B | Legal, engineering, accounting, and related services | .01959 | .01304 | .03531 | .02438 | .02970 | .03181 | .03450 | .02156 | .08515 | .04528 |
| 73C | Other business and professional services, except medical | .04928 | .03222 | .04321 | .03343 | .03962 | .03561 | .02799 | .03067 | .06464 | .06073 |
| 73D | Advertising | .00431 | .00171 | .00224 | .00244 | .00164 | .00179 | .00165 | .00207 | .00259 | .00250 |
| 74 | Eating and drinking places | .00424 | .00226 | .00447 | .00362 | .00596 | .00630 | .00466 | .00529 | .00419 | .00390 |
| 75 | Automotive repair and services | .01146 | .00721 | .00998 | .01167 | .00726 | .00653 | .00512 | .00599 | .01024 | .01067 |
| 76 | Amusements | .00433 | .00216 | .00391 | .01037 | .00182 | .00251 | .00214 | .00193 | .00258 | .00250 |
| 77A | Health services | .02455 | .00014 | .00115 | .00110 | .00008 | .00008 | .00005 | .00006 | .00012 | .00012 |
| 77B | Educational and social services, and membership organizations | .00351 | .00193 | .00529 | .00205 | .00495 | .00652 | .00232 | .00235 | .00229 | .00207 |
| 78 | Federal Government enterprises | .00510 | .00266 | .00329 | .00326 | .00569 | .00355 | .00322 | .00419 | .00485 | .00443 |
| 79 | State and local government enterprises | .01293 | .00839 | .00670 | .00522 | .01189 | .01047 | .01195 | .00897 | .00517 | .00494 |
| 82 | General government industry | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 84 | Household industry | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 85 | Inventory valuation adjustment | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| | **Total industry output multiplier** | **3.03033** | **1.83273** | **2.04799** | **1.8163** | **2.00159** | **1.93547** | **2.07724** | **1.77371** | **2.07898** | **1.99145** |

* Less than .000005.

## Total Requirements, 1996—Continued
of delivery to final demand, at producers' prices]

| Ordnance and accessories | Food and kindred products | Tobacco products | Broad and narrow fabrics, yarn and thread mills | Miscellaneous textile goods and floor coverings | Apparel | Miscellaneous fabricated textile products | Lumber and wood products | Furniture and fixtures | Paper and allied products, except containers | Paperboard containers and boxes | Newspapers and periodicals | Other printing and publishing | Industrial and other chemicals | Agricultural fertilizers and chemicals | Plastics and synthetic materials | Drugs | Cleaning and toilet preparations | Industry number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20+21 | 22+23 | 24 | 25 | 26A | 26B | 27A | 27B | 28 | 29A | 29B | |
| .00063 | .24783 | .00099 | .01928 | .01037 | .00786 | .00862 | .00684 | .00287 | .00358 | .00209 | .00083 | .00112 | .00531 | .00585 | .00360 | .00287 | .00650 | 1 |
| .00138 | .19841 | .09378 | .13716 | .03315 | .04691 | .04985 | .03725 | .01217 | .00719 | .00409 | .00154 | .00225 | .01153 | .00673 | .01193 | .00637 | .00667 | 2 |
| .00066 | .00704 | .00047 | .00073 | .0010 | .00354 | .00102 | .09229 | .00917 | .00812 | .00396 | .00111 | .00174 | .00124 | .00153 | .00128 | .00117 | .00148 | 3 |
| .00195 | .02716 | .00679 | .01095 | .00405 | .00527 | .00491 | .02556 | .00432 | .00372 | .00237 | .00148 | .00155 | .00264 | .00237 | .00251 | .00201 | .00224 | 4 |
| .00258 | .00149 | .00033 | .00184 | .00244 | .00098 | .00122 | .00110 | .00351 | .00155 | .00169 | .00047 | .00083 | .01347 | .00405 | .00602 | .00086 | .00268 | 5+6 |
| .00167 | .00275 | .00142 | .00407 | .0040 | .00295 | .00271 | .0020 | .0030 | .00622 | .00447 | .00139 | .00198 | .00476 | .00414 | .00453 | .00167 | .00227 | 7 |
| .01076 | .02776 | .01029 | .03938 | .04612 | .02540 | .02733 | .02296 | .02072 | .03681 | .03406 | .01147 | .01719 | .16198 | .17024 | .09023 | .01548 | .04563 | 8 |
| .00104 | .00271 | .00117 | .00455 | .00548 | .00210 | .00268 | .00203 | .00189 | .00709 | .00414 | .00135 | .00216 | .03008 | .04869 | .01206 | .00178 | .00511 | 9+10 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 11 |
| .01597 | .02554 | .01091 | .02465 | .03106 | .02204 | .02047 | .01865 | .01814 | .03044 | .02513 | .01638 | .01811 | .03428 | .03326 | .03297 | .01931 | .02186 | 12 |
| .97356 | .00004 | .00002 | .00005 | .00007 | .00006 | .00004 | .00004 | .00005 | .00006 | .00005 | .00004 | .00004 | .00032 | .00007 | .00013 | .00004 | .00023 | 13 |
| .00222 | 1.2520 | .00256 | .00989 | .01048 | .00753 | .01096 | .00966 | .00629 | .01465 | .00867 | .00327 | .00451 | .02581 | .02837 | .01307 | .01325 | .02486 | 14 |
| (*) | (*) | 1.07144 | .00001 | .00002 | .00001 | .00001 | (*) | (*) | .00005 | .00003 | .00001 | .00001 | .00013 | .00002 | .00004 | .00001 | .00002 | 15 |
| .00254 | .00236 | .00160 | 1.23632 | .22722 | .38596 | .42908 | .00240 | .06472 | .00730 | .00394 | .00122 | .00290 | .00174 | .00113 | .05706 | .00133 | .00318 | 16 |
| .00102 | .00191 | .00082 | .00565 | .95981 | .00542 | .06373 | .00334 | .02856 | .00980 | .00459 | .00133 | .00234 | .00072 | .00060 | .00577 | .00090 | .00181 | 17 |
| .00054 | .00031 | .00017 | .01353 | .00550 | 1.28049 | .04336 | .00036 | .00116 | .00045 | .00033 | .00016 | .00024 | .00025 | .00023 | .00127 | .00023 | .00039 | 18 |
| .00027 | .00076 | .00036 | .00343 | .00415 | .03830 | .90754 | .00051 | .00157 | .00058 | .00038 | .00020 | .00049 | .00026 | .00025 | .00034 | .00025 | .00081 | 19 |
| .00664 | .00999 | .00461 | .00564 | .00827 | .00529 | .00783 | 1.45568 | .13421 | .11888 | .05596 | .01509 | .02189 | .00742 | .00682 | .00766 | .00538 | .00913 | 20+21 |
| .00075 | .00023 | .00009 | .00016 | .00016 | .00020 | .00115 | .00423 | .98928 | .00062 | .00036 | .00018 | .00024 | .00017 | .00015 | .00018 | .00014 | .00022 | 22+23 |
| .00636 | .04175 | .02407 | .01147 | .03592 | .01184 | .01361 | .01141 | .01932 | 1.16307 | .50255 | .12687 | .19305 | .01769 | .01471 | .02622 | .02174 | .05091 | 24 |
| .00390 | .02948 | .01754 | .00582 | .00758 | .00547 | .00479 | .00672 | .01823 | .01930 | 1.00162 | .00380 | .00958 | .00888 | .0090 | .00939 | .01706 | .04484 | 25 |
| .00332 | .01065 | .02634 | .00338 | .00562 | .00660 | .00413 | .00387 | .00534 | .00443 | .00419 | .97776 | .03570 | .00488 | .00674 | .00476 | .02160 | .01989 | 26A |
| .00533 | .01871 | .03743 | .00641 | .01230 | .01107 | .00926 | .00729 | .00913 | .01797 | .01261 | .14276 | 1.08045 | .00880 | .01477 | .00864 | .03428 | .02949 | 26B |
| .01764 | .02582 | .01287 | .13043 | .17407 | .05578 | .07722 | .02007 | .03224 | .08562 | .06713 | .02325 | .04295 | 1.11303 | .20228 | .48222 | .04935 | .16936 | 27A |
| .00198 | .01879 | .00794 | .01627 | .00991 | .00622 | .00715 | .00850 | .00275 | .00396 | .00270 | .00098 | .00159 | .02701 | 1.01101 | .02268 | .00357 | .00590 | 27B |
| .00888 | .01015 | .01223 | .18521 | .26392 | .07659 | .10051 | .01161 | .03102 | .04255 | .02645 | .00644 | .01220 | .06990 | .02893 | .88301 | .01113 | .02540 | 28 |
| .00033 | .00509 | .00028 | .00123 | .00148 | .00069 | .00072 | .00034 | .00033 | .00085 | .00062 | .00022 | .00039 | .00866 | .01607 | .00338 | 1.09338 | .02546 | 29A |
| .00064 | .00339 | .00290 | .00533 | .01011 | .00827 | .00354 | .00123 | .00206 | .00682 | .00363 | .00112 | .00173 | .01463 | .02863 | .01513 | .0080 | .98530 | 29B |
| .00109 | .00158 | .00042 | .00185 | .00244 | .00108 | .00124 | .00323 | .00981 | .00167 | .00482 | .00051 | .00079 | .00766 | .00228 | .00648 | .00078 | .00261 | 30 |
| .00810 | .02169 | .00854 | .02505 | .02839 | .01687 | .01777 | .02085 | .01609 | .02354 | .02683 | .00882 | .01225 | .10598 | .04393 | .04989 | .01037 | .03731 | 31 |
| .02293 | .03699 | .01340 | .02335 | .03749 | .02217 | .03615 | .02279 | .05584 | .05807 | .03854 | .01078 | .02703 | .02656 | .0240 | .06223 | .03315 | .08364 | 32 |
| .00006 | .00030 | .00006 | .00065 | .00031 | .00979 | .02926 | .00013 | .00166 | .00010 | .00011 | .00008 | .00033 | .00008 | .00008 | .00010 | .00008 | .00013 | 33+34 |
| .00197 | .01175 | .00048 | .01196 | .00402 | .00432 | .00501 | .00508 | .00698 | .00172 | .00207 | .00054 | .00084 | .00260 | .00232 | .00251 | .00490 | .00668 | 35 |
| .00358 | .00258 | .00116 | .00247 | .00969 | .00186 | .00265 | .01115 | .00703 | .00528 | .00347 | .00135 | .00184 | .00591 | .00454 | .00434 | .00247 | .00345 | 36 |
| .02739 | .01310 | .00261 | .00545 | .00771 | .00479 | .00543 | .01458 | .06623 | .00880 | .01689 | .00294 | .00507 | .01666 | .01176 | .01011 | .00432 | .01020 | 37 |
| .03513 | .01824 | .00198 | .00414 | .00560 | .00435 | .0040 | .00888 | .02684 | .00717 | .00964 | .00248 | .00442 | .01229 | .00743 | .00706 | .00380 | .01085 | 38 |
| .00028 | .02773 | .00027 | .00121 | .00151 | .00073 | .00086 | .00063 | .00083 | .00104 | .00170 | .00029 | .00058 | .00708 | .00621 | .00348 | .00209 | .01272 | 39 |
| .00316 | .00208 | .00081 | .00176 | .00236 | .00161 | .00172 | .01404 | .00612 | .00324 | .00240 | .00116 | .00153 | .00318 | .00255 | .00258 | .00141 | .00198 | 40 |
| .01071 | .00286 | .00062 | .00104 | .00138 | .00105 | .00128 | .00756 | .01530 | .00210 | .00243 | .00077 | .00116 | .00173 | .00143 | .00149 | .00201 | .00283 | 41 |
| .01654 | .00933 | .00329 | .00397 | .00521 | .00341 | .00408 | .01951 | .06230 | .01183 | .01680 | .00305 | .00616 | .01160 | .00761 | .00729 | .00348 | .00778 | 42 |
| .00150 | .00061 | .00025 | .00055 | .00065 | .00050 | .00059 | .00075 | .00067 | .00068 | .00066 | .00033 | .00041 | .00090 | .00090 | .00072 | .00033 | .00050 | 43 |
| .00102 | .00148 | .00049 | .00105 | .00086 | .00063 | .00062 | .0010 | .00116 | .00094 | .00075 | .00030 | .00074 | .00220 | .00247 | .00124 | .00038 | .00068 | 44+45 |
| .00020 | .00028 | .00011 | .00026 | .00031 | .00025 | .00022 | .00058 | .00090 | .00034 | .00029 | .00013 | .00017 | .00071 | .00087 | .00041 | .00019 | .00027 | 46 |
| .00429 | .00145 | .00077 | .00139 | .00161 | .00110 | .00135 | .00225 | .00343 | .00181 | .00218 | .00063 | .00110 | .00213 | .00111 | .00181 | .00074 | .00146 | 47 |
| .00328 | .00143 | .00059 | .00326 | .01483 | .00530 | .00437 | .00194 | .00260 | .00485 | .00682 | .00177 | .00556 | .00864 | .00195 | .00456 | .00101 | .00234 | 48 |
| .00845 | .00225 | .00057 | .00127 | .00195 | .00127 | .00135 | .00314 | .00490 | .00216 | .00194 | .00070 | .00105 | .00261 | .00247 | .00215 | .00153 | .00140 | 49 |
| .01176 | .00364 | .00133 | .00518 | .00569 | .00366 | .00449 | .00551 | .00720 | .00603 | .00629 | .00197 | .00339 | .00769 | .00389 | .00629 | .00230 | .00445 | 50 |
| .00819 | .00162 | .00123 | .00159 | .00192 | .00180 | .00141 | .00147 | .00156 | .00246 | .0020 | .00203 | .00211 | .00252 | .00192 | .00215 | .00172 | .00173 | 51 |
| .00055 | .00090 | .00058 | .00072 | .00091 | .00069 | .00092 | .00274 | .00215 | .00111 | .00087 | .00049 | .00057 | .00139 | .00094 | .00108 | .00056 | .00189 | 52 |
| .01278 | .00193 | .00122 | .00153 | .00225 | .00162 | .00162 | .0020 | .00280 | .00211 | .00203 | .00096 | .00133 | .00336 | .00220 | .00245 | .00127 | .00219 | 53 |
| .00014 | .00016 | .00008 | .00022 | .00022 | .00018 | .00045 | .00371 | .00059 | .00045 | .00028 | .00012 | .00015 | .00022 | .00018 | .00020 | .00011 | .00017 | 54 |
| .00231 | .00129 | .00092 | .00094 | .00106 | .00078 | .00077 | .00340 | .00135 | .00152 | .00111 | .00062 | .00113 | .00147 | .00133 | .00143 | .00084 | .00133 | 55 |
| .01369 | .00051 | .00035 | .00041 | .00052 | .00048 | .00041 | .00050 | .00055 | .00050 | .00049 | .00046 | .00073 | .00053 | .00050 | .00054 | .00055 | .00052 | 56 |
| .07605 | .00428 | .00242 | .00360 | .00447 | .00412 | .00342 | .00419 | .00435 | .00459 | .00432 | .00321 | .00384 | .00474 | .00399 | .00435 | .00440 | .00399 | 57 |
| .0020 | .00230 | .00087 | .00123 | .00095 | .00095 | .00085 | .00122 | .00094 | .00098 | .00090 | .00078 | .00077 | .00093 | .00093 | .00087 | .00064 | .00095 | 58 |
| .00023 | .00016 | .00006 | .00011 | .00012 | .00011 | .00018 | .00035 | .00025 | .00015 | .00015 | .00009 | .00010 | .00013 | .00015 | .00013 | .00008 | .00011 | 59A |
| .00608 | .00414 | .00174 | .00302 | .00338 | .00288 | .00325 | .00891 | .00372 | .00391 | .00387 | .00267 | .00265 | .00333 | .00394 | .00332 | .00192 | .00256 | 59B |
| .09702 | .00036 | .00022 | .00033 | .00038 | .00045 | .00036 | .00035 | .00044 | .00036 | .00041 | .00024 | .00030 | .00048 | .00035 | .00039 | .00031 | .00037 | 60 |
| .00165 | .00044 | .00015 | .00033 | .00040 | .00051 | .00348 | .00087 | .00037 | .00037 | .00051 | .00023 | .00027 | .00044 | .00051 | .00044 | .00022 | .00036 | 61 |
| .09216 | .00097 | .00052 | .00082 | .00322 | .00071 | .00091 | .00111 | .00326 | .00464 | .00256 | .00128 | .00229 | .00301 | .00155 | .00170 | .00742 | .00165 | 62 |
| .00106 | .00088 | .00076 | .00088 | .00119 | .00095 | .00082 | .00079 | .0010 | .00279 | .00165 | .00379 | .00774 | .00263 | .00147 | .00148 | .00115 | .00130 | 63 |
| .00142 | .00193 | .00308 | .00122 | .00150 | .01725 | .00525 | .00249 | .00258 | .00176 | .00144 | .00181 | .00469 | .00212 | .00143 | .00153 | .00318 | .00360 | 64 |
| .00382 | .01501 | .00347 | .01067 | .01303 | .00686 | .00703 | .01183 | .00887 | .01641 | .01927 | .00601 | .00827 | .01375 | .01739 | .01422 | .00492 | .01077 | 65A |
| .01705 | .05141 | .01570 | .03636 | .04924 | .03553 | .03540 | .05223 | .03937 | .06193 | .07986 | .02372 | .03694 | .04918 | .08635 | .05017 | .01666 | .03642 | 65B |
| .00053 | .00184 | .00053 | .00142 | .00212 | .00108 | .00113 | .00423 | .00149 | .00231 | .00186 | .00075 | .00097 | .00250 | .00255 | .00246 | .00069 | .00171 | 65C |
| .00864 | .00869 | .00571 | .00774 | .00871 | .01159 | .00881 | .00761 | .00817 | .0080 | .00974 | .00616 | .00722 | .00768 | .00759 | .00806 | .00769 | .00801 | 65D |
| .00230 | .00484 | .00190 | .00398 | .00490 | .00397 | .00364 | .00446 | .00365 | .00513 | .00615 | .00235 | .00323 | .00812 | .00717 | .00607 | .00235 | .00442 | 65E |
| .01009 | .01383 | .01121 | .01099 | .01418 | .01380 | .01170 | .01144 | .01310 | .01190 | .01334 | .0140 | .01198 | .01263 | .01299 | .01509 | .01591 | .01561 | 66 |
| .00260 | .00876 | .02230 | .00267 | .00451 | .00540 | .00330 | .00292 | .00429 | .00342 | .00280 | .00646 | .00393 | .00384 | .00537 | .00376 | .01802 | .01667 | 67 |
| .01333 | .02129 | .00677 | .03632 | .02980 | .02613 | .02393 | .01913 | .01897 | .03134 | .02466 | .01040 | .01499 | .03137 | .02570 | .03242 | .01369 | .01642 | 68A |
| .00615 | .01437 | .00406 | .01959 | .02328 | .01538 | .01529 | .00908 | .01129 | .02503 | .01751 | .00615 | .00982 | .04447 | .05968 | .03541 | .00845 | .01475 | 68B |
| .00102 | .00230 | .00230 | .00230 | .00292 | .00197 | .00177 | .00166 | .00304 | .00260 | .00099 | .00144 | .00456 | .00395 | .00424 | .00163 | .00224 | | 68C |
| .06058 | .13982 | .04735 | .10399 | .10586 | .11318 | .10273 | .13304 | .12539 | .10039 | .11457 | .04974 | .07134 | .10509 | .09763 | .10580 | .10183 | .10381 | 69A |
| .00172 | .00489 | .00468 | .00328 | .00353 | .00289 | .00273 | .00342 | .00391 | .00449 | .00363 | .00234 | .00243 | .00399 | .00437 | .00388 | .00268 | .00551 | 69B |
| .01806 | .02717 | .01913 | .02330 | .02705 | .02730 | .02403 | .02396 | .02385 | .02464 | .02581 | .01823 | .02007 | .02638 | .02972 | .02775 | .02332 | .02537 | 70A |
| .00622 | .01261 | .00759 | .00953 | .00989 | .01017 | .00902 | .00942 | .00849 | .00899 | .00954 | .00643 | .00717 | .00916 | .00962 | .00920 | .00708 | .00859 | 70B |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 71A |
| .02247 | .05867 | .02736 | .04013 | .03587 | .04353 | .04072 | .03238 | .03248 | .02898 | .03007 | .04899 | .04391 | .05738 | .05677 | .04310 | .03136 | .03815 | 71B |
| .00499 | .0060 | .00532 | .00575 | .00692 | .00752 | .00637 | .0060 | .00601 | .0060 | .00652 | .00476 | .00526 | .00621 | .00636 | .00653 | .00643 | .00640 | 72A |
| .00245 | .00386 | .00263 | .00965 | .00849 | .00651 | .00524 | .00375 | .00357 | .00552 | .00513 | .00241 | .00314 | .00481 | .00508 | .00586 | .00283 | .00351 | 72B |
| .01308 | .00944 | .00673 | .01038 | .01263 | .01013 | .00893 | .00911 | .00907 | .01222 | .01191 | .00974 | .00923 | .01215 | .01287 | .01362 | .00938 | .01003 | 73A |
| .01552 | .01825 | .02102 | .02293 | .02899 | .02163 | .02037 | .01850 | .02183 | .01825 | .01704 | .02258 | .01511 | .04565 | .03542 | .05138 | .04719 | .03480 | 73B |
| .03938 | .05102 | .03975 | .04610 | .05047 | .11509 | .04541 | .04511 | .04953 | .04679 | .04813 | .06671 | .04421 | .05188 | .05804 | .05285 | .06862 | .06015 | 73C |
| .00280 | .00940 | .02390 | .00288 | .00486 | .00584 | .00355 | .00315 | .00462 | .00369 | .00302 | .00696 | .00423 | .00414 | .00578 | .00405 | .01933 | .01788 | 73D |
| .00556 | .00630 | .00548 | .00650 | .00753 | .00873 | .00739 | .00681 | .00698 | .00651 | .00705 | .00497 | .00561 | .00661 | .00660 | .00696 | .00724 | .00681 | 74 |
| .00577 | .01190 | .00690 | .01119 | .01287 | .00999 | .00917 | .01127 | .00916 | .01366 | .01405 | .00766 | .00966 | .01187 | .01413 | .01316 | .00721 | .00937 | 75 |
| .00270 | .00712 | .01519 | .00277 | .00404 | .00514 | .00307 | .00329 | .00372 | .00353 | .00323 | .00539 | .00371 | .00386 | .00455 | .00398 | .01252 | .01196 | 76 |
| .00007 | .00519 | .00007 | .00047 | .00030 | .00033 | .00025 | .00022 | .00014 | .00016 | .00014 | .00011 | .00010 | .00020 | .00023 | .00016 | .00015 | .00022 | 77A |
| .00273 | .00338 | .00343 | .00324 | .00379 | .00374 | .00857 | .00549 | .00430 | .00396 | .00333 | .00278 | .00351 | .00369 | .00440 | .00573 | .01030 | .00588 | 77B |
| .00270 | .00452 | .00415 | .00458 | .00528 | .00558 | .0050 | .00423 | .00485 | .00449 | .00442 | .00927 | .00530 | .00488 | .00446 | .00485 | .00405 | .00489 | 78 |
| .00426 | .00969 | .00353 | .01010 | .01075 | .00807 | .00798 | .00751 | .00708 | .01279 | .01035 | .00479 | .00632 | .01410 | .01372 | .01321 | .00549 | .00782 | 79 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 82 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 84 |
| ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 85 |
| **1.82594** | **2.68495** | **1.71808** | **2.44452** | **2.52058** | **2.66782** | **2.37275** | **2.38502** | **2.1797** | **2.2451** | **2.4408** | **1.74896** | **1.91947** | **2.37924** | **2.39432** | **2.44685** | **1.88991** | **2.19385** | |

### Table 5.—Industry-by-Commodity
[Total requirements, direct and indirect, per dollar

| Industry number | Each entry represents the output required, directly and indirectly, of the industry named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column | Paints and allied products | Petroleum refining and related products | Rubber and miscellaneous plastics products | Footwear, leather, and leather products | Glass and glass products | Stone and clay products | Primary iron and steel manufacturing | Primary nonferrous metals manufacturing | Metal containers | Heating, plumbing, and fabricated structural metal products | Screw machine products and stampings |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Commodity number | 30 | 31 | 32 | 33+34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
| 1 | Livestock and livestock products | .00448 | .00091 | .00235 | .04081 | .00095 | .00092 | .00072 | .00087 | .00116 | .00072 | .00072 |
| 2 | Other agricultural products | .00676 | .00169 | .00821 | .03880 | .00231 | .00212 | .00137 | .00201 | .00208 | .00139 | .00134 |
| 3 | Forestry and fishery products | .00136 | .00060 | .00909 | .00198 | .00237 | .00106 | .00076 | .00129 | .00101 | .00089 | .00073 |
| 4 | Agricultural, forestry, and fishery services | .00205 | .00193 | .00391 | .00580 | .00196 | .00159 | .00155 | .00183 | .00177 | .00134 | .00129 |
| 5+6 | Metallic ores mining | .00625 | .00150 | .00261 | .00156 | .00267 | .00199 | .03846 | .05960 | .03138 | .01322 | .01273 |
| 7 | Coal mining | .00271 | .00244 | .00324 | .00249 | .00789 | .00822 | .02092 | .00457 | .00738 | .00525 | .00657 |
| 8 | Crude petroleum and natural gas | .06136 | .84178 | .03753 | .03113 | .03434 | .04136 | .03522 | .02895 | .03246 | .02029 | .02120 |
| 9+10 | Nonmetallic minerals mining | .00917 | .00543 | .00477 | .0030 | .01434 | .07209 | .00585 | .00261 | .00315 | .00221 | .00251 |
| 11 | New construction, including own-account construction | | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | .02253 | .05250 | .02433 | .02571 | .02382 | .02287 | .02746 | .02444 | .02866 | .01764 | .02685 |
| 13 | Ordnance and accessories | .00010 | .00004 | .00007 | .00005 | .00004 | .00004 | .00019 | .00023 | .00015 | .00023 | .00034 |
| 14 | Food and kindred products | .02117 | .00378 | .00699 | .20123 | .00357 | .00350 | .00282 | .00332 | .00481 | .00285 | .00285 |
| 15 | Tobacco products | .00003 | (*) | .00002 | .00001 | .00001 | .00001 | (*) | (*) | .00001 | (*) | (*) |
| 16 | Broad and narrow fabrics, yarn and thread mills | .00805 | .00069 | .02421 | .05282 | .00170 | .00540 | .00096 | .00253 | .00192 | .00126 | .00136 |
| 17 | Miscellaneous textile goods and floor coverings | .00109 | .00082 | .01113 | .02968 | .00097 | .00057 | .00054 | .00071 | .00070 | .00061 | .00069 |
| 18 | Apparel | .00034 | .00017 | .00103 | .01166 | .00021 | .00025 | .00028 | .00029 | .00034 | .00023 | .00026 |
| 19 | Miscellaneous fabricated textile products | .00023 | .00024 | .00095 | .00285 | .00025 | .00036 | .00025 | .00025 | .00031 | .00024 | .00050 |
| 20+21 | Lumber and wood products | .00501 | .00705 | .01178 | .00717 | .03163 | .01299 | .00922 | .01155 | .00978 | .00971 | .00768 |
| 22+23 | Furniture and fixtures | .00021 | .00013 | .00094 | .00035 | .00441 | .00035 | .00033 | .00045 | .00110 | .00103 | .00074 |
| 24 | Paper and allied products, except containers | .01202 | .00588 | .03663 | .02686 | .02781 | .02053 | .00671 | .00813 | .01529 | .00876 | .01092 |
| 25 | Paperboard containers and boxes | .00488 | .00280 | .01878 | .01201 | .04192 | .00577 | .00272 | .00452 | .00992 | .00677 | .00816 |
| 26A | Newspapers and periodicals | .00615 | .00340 | .00413 | .01065 | .00320 | .00351 | .00388 | .00332 | .00475 | .00380 | .00458 |
| 26B | Other printing and publishing | .01076 | .00620 | .00769 | .02252 | .00590 | .00621 | .00851 | .00685 | .03143 | .00705 | .00831 |
| 27A | Industrial and other chemicals | .29948 | .04906 | .15269 | .08156 | .05610 | .04232 | .02661 | .05845 | .05162 | .02808 | .02207 |
| 27B | Agricultural fertilizers and chemicals | .00885 | .00149 | .00656 | .00602 | .00188 | .00149 | .00107 | .00179 | .00177 | .00109 | .00095 |
| 28 | Plastics and synthetic materials | .12895 | .00450 | .17553 | .02987 | .01070 | .01158 | .00499 | .02512 | .01726 | .00904 | .00881 |
| 29A | Drugs | .00223 | .00038 | .00118 | .00154 | .00051 | .00039 | .00024 | .00030 | .00037 | .00024 | .00020 |
| 29B | Cleaning and toilet preparations | .00860 | .00426 | .00491 | .00662 | .00309 | .00357 | .00090 | .00117 | .00138 | .00088 | .00092 |
| 30 | Paints and allied products | .98414 | .00107 | .00266 | .00134 | .00196 | .00249 | .00131 | .00123 | .03150 | .00575 | .00347 |
| 31 | Petroleum refining and related products | .04478 | 1.04245 | .02395 | .02315 | .01955 | .02848 | .01969 | .01930 | .02118 | .01355 | .01357 |
| 32 | Rubber and miscellaneous plastics products | .02022 | .00946 | 1.03709 | .05561 | .03625 | .01655 | .01193 | .02563 | .01997 | .02332 | .01969 |
| 33+34 | Footwear, leather, and leather products | .00006 | .00006 | .00055 | 1.28746 | .00007 | .00007 | .00007 | .00007 | .00009 | .00008 | .00011 |
| 35 | Glass and glass products | .00188 | .00392 | .00964 | .00334 | 1.07998 | .0040 | .00119 | .01055 | .00482 | .00639 | .00392 |
| 36 | Stone and clay products | .01743 | .00757 | .00568 | .0030 | .02043 | 1.0994 | .02206 | .00794 | .00963 | .00810 | .01145 |
| 37 | Primary iron and steel manufacturing | .01549 | .01804 | .01664 | .00962 | .01002 | .02197 | 1.2207 | .04305 | .26193 | .23080 | .29228 |
| 38 | Primary nonferrous metals manufacturing | .02201 | .00482 | .00877 | .00785 | .01227 | .00804 | .04915 | 1.39267 | .5550 | .13015 | .09106 |
| 39 | Metal containers | .03445 | .00136 | .00135 | .00509 | .00060 | .00052 | .00044 | .00062 | 1.07135 | .00061 | .00055 |
| 40 | Heating, plumbing, and fabricated structural metal products | .00188 | .00328 | .00637 | .0020 | .00385 | .00385 | .00420 | .00476 | .00685 | .99677 | .00867 |
| 41 | Screw machine products and stampings | .00157 | .00113 | .00498 | .00463 | .00335 | .00327 | .00773 | .00388 | .00620 | .01757 | .97266 |
| 42 | Other fabricated metal products | .00613 | .00751 | .01355 | .01797 | .00491 | .01257 | .02846 | .01744 | .03136 | .050 | .03662 |
| 43 | Engines and turbines | .00060 | .00076 | .00085 | .00049 | .00076 | .00104 | .00235 | .00119 | .00126 | .00345 | .00190 |
| 44+45 | Farm, construction, and mining machinery | .00094 | .00260 | .00083 | .00072 | .00124 | .00305 | .00430 | .00234 | .00210 | .00338 | .01034 |
| 46 | Materials handling machinery and equipment | .00034 | .00053 | .00038 | .00025 | .00040 | .00110 | .00104 | .00090 | .00073 | .00124 | .00056 |
| 47 | Metalworking machinery and equipment | .00142 | .00106 | .00404 | .00140 | .00613 | .00469 | .01212 | .01565 | .01058 | .01138 | .03124 |
| 48 | Special industry machinery and equipment | .00264 | .00065 | .00672 | .00192 | .00273 | .00126 | .00159 | .00284 | .00196 | .00152 | .00134 |
| 49 | General industrial machinery and equipment | .00164 | .00214 | .00225 | .00130 | .00162 | .00334 | .02552 | .01145 | .01020 | .01187 | .01102 |
| 50 | Miscellaneous machinery, except electrical | .00392 | .0040 | .01092 | .00538 | .00944 | .00571 | .01317 | .01074 | .01302 | .01712 | .03624 |
| 51 | Computer and office equipment | .00164 | .00162 | .00209 | .00192 | .00155 | .00183 | .00254 | .0020 | .00241 | .00189 | .00267 |
| 52 | Service industry machinery | .00075 | .00103 | .00102 | .00076 | .00086 | .00080 | .00121 | .00083 | .00099 | .00619 | .00227 |
| 53 | Electrical industrial equipment and apparatus | .0020 | .00231 | .00249 | .00156 | .00507 | .00261 | .01459 | .00774 | .00686 | .00711 | .00759 |
| 54 | Household appliances | .00013 | .00021 | .00020 | .00015 | .00139 | .00017 | .00023 | .00021 | .00022 | .00074 | .00174 |
| 55 | Electric lighting and wiring equipment | .00488 | .00271 | .00195 | .00138 | .00284 | .00136 | .00277 | .00241 | .00209 | .00139 | .00185 |
| 56 | Audio, video, and communication equipment | .00046 | .00051 | .00048 | .00051 | .00042 | .00068 | .00056 | .00055 | .00062 | .00101 | .00073 |
| 57 | Electronic components and accessories | .00390 | .00314 | .00482 | .00426 | .00359 | .00352 | .00575 | .00841 | .00725 | .00514 | .00685 |
| 58 | Miscellaneous electrical machinery and supplies | .00086 | .00079 | .00112 | .00098 | .00068 | .00171 | .00130 | .01196 | .00536 | .00183 | .00190 |
| 59A | Motor vehicles (passenger cars and trucks) | .00012 | .00010 | .00015 | .00012 | .00014 | .00018 | .00022 | .00017 | .00019 | .00032 | .00908 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00294 | .00255 | .00307 | .00319 | .00317 | .00452 | .00426 | .00495 | .00483 | .00487 | .00795 |
| 60 | Aircraft and parts | .00034 | .00024 | .00064 | .00045 | .00030 | .00031 | .00051 | .00057 | .00057 | .00070 | .00057 |
| 61 | Other transportation equipment | .00056 | .00027 | .00056 | .00029 | .00048 | .00048 | .00064 | .00047 | .00051 | .00247 | .00056 |
| 62 | Scientific and controlling instruments | .00147 | .00090 | .00199 | .00121 | .00226 | .00119 | .00260 | .00131 | .00151 | .00395 | .00220 |
| 63 | Ophthalmic and photographic equipment | .00671 | .00074 | .00180 | .00091 | .00076 | .00071 | .00085 | .00079 | .00131 | .00084 | .00095 |
| 64 | Miscellaneous manufacturing | .00141 | .00101 | .00272 | .00790 | .00096 | .00178 | .00117 | .00108 | .00136 | .00133 | .00140 |
| 65A | Railroads and related services; passenger ground transportation | .02192 | .00607 | .01143 | .00777 | .01706 | .01480 | .02142 | .01498 | .01653 | .00981 | .01098 |
| 65B | Motor freight transportation and warehousing | .05456 | .01902 | .05572 | .04948 | .03435 | .09360 | .05667 | .06472 | .06970 | .04034 | .04432 |
| 65C | Water transportation | .00270 | .00292 | .00216 | .00124 | .00210 | .00473 | .00297 | .00196 | .00217 | .00129 | .00153 |
| 65D | Air transportation | .00752 | .00531 | .00761 | .01109 | .00648 | .00642 | .00833 | .00907 | .01072 | .00745 | .00796 |
| 65E | Pipelines, freight forwarders, and related services | .00571 | .03081 | .00475 | .00470 | .00368 | .00649 | .00499 | .00513 | .00579 | .00353 | .00381 |
| 66 | Communications, except radio and TV | .01294 | .01162 | .01243 | .01451 | .0110 | .01156 | .01235 | .01266 | .01560 | .01199 | .01209 |
| 67 | Radio and TV broadcasting | .00501 | .00268 | .00324 | .00886 | .00253 | .00272 | .00302 | .00257 | .00356 | .0030 | .00365 |
| 68A | Electric services (utilities) | .01943 | .02380 | .02812 | .01977 | .03214 | .02953 | .04305 | .04228 | .04024 | .02170 | .02671 |
| 68B | Gas production and distribution (utilities) | .01943 | .06836 | .01765 | .01545 | .02958 | .03127 | .03359 | .01953 | .02402 | .01499 | .01706 |
| 68C | Water and sanitary services | .00341 | .00246 | .00232 | .00647 | .00197 | .00205 | .00431 | .00254 | .00308 | .00194 | .00624 |
| 69A | Wholesale trade | .10572 | .07007 | .08879 | .12069 | .08009 | .06892 | .14563 | .15955 | .19781 | .12154 | .12469 |
| 69B | Retail trade | .00283 | .00512 | .00378 | .00374 | .00509 | .00395 | .00316 | .00293 | .00372 | .00273 | .00319 |
| 70A | Finance | .02592 | .02732 | .02499 | .02574 | .02142 | .02206 | .02632 | .02524 | .0330 | .02201 | .02576 |
| 70B | Insurance | .00872 | .00762 | .00854 | .01101 | .00756 | .00890 | .00912 | .00926 | .01151 | .00777 | .00858 |
| 71A | Owner-occupied dwellings | | | | | | | | | | | |
| 71B | Real estate and royalties | .03398 | .17792 | .03434 | .03754 | .02717 | .03066 | .02983 | .03045 | .03714 | .02937 | .03001 |
| 72A | Hotels and lodging places | .00634 | .00502 | .00603 | .00671 | .00540 | .00519 | .00607 | .00646 | .00866 | .00584 | .00613 |
| 72B | Personal and repair services (except auto) | .00345 | .00356 | .00462 | .00401 | .00474 | .00465 | .00711 | .00493 | .00685 | .00369 | .00539 |
| 73A | Computer and data processing services, including own-account software | .00962 | .01133 | .01124 | .01377 | .01091 | .01056 | .01589 | .01184 | .01547 | .01006 | .01278 |
| 73B | Legal, engineering, accounting, and related services | .03368 | .03637 | .02653 | .01942 | .01634 | .01812 | .01968 | .01880 | .02327 | .01704 | .02263 |
| 73C | Other business and professional services, except medical | .04347 | .04041 | .04635 | .04879 | .04150 | .04269 | .05471 | .04816 | .06105 | .05340 | .05490 |
| 73D | Advertising | .00539 | .00289 | .00349 | .00951 | .00273 | .00293 | .00326 | .00277 | .00384 | .00323 | .00394 |
| 74 | Eating and drinking places | .00667 | .00552 | .00664 | .00812 | .00623 | .00571 | .00674 | .00721 | .00943 | .00669 | .00706 |
| 75 | Automotive repair and services | .01013 | .00842 | .01159 | .01036 | .01086 | .01314 | .01548 | .01264 | .01659 | .00964 | .01251 |
| 76 | Amusements | .00486 | .00304 | .00343 | .00641 | .00252 | .00270 | .00325 | .00295 | .00447 | .00293 | .00369 |
| 77A | Health services | .00017 | .00008 | .00013 | .00092 | .00009 | .00011 | .00011 | .00011 | .00013 | .00010 | .00010 |
| 77B | Educational and social services, and membership organizations | .00339 | .00379 | .00665 | .00308 | .00254 | .00262 | .00317 | .00373 | .00529 | .00321 | .00508 |
| 78 | Federal Government enterprises | .00413 | .00425 | .00435 | .00584 | .00427 | .00401 | .00546 | .00522 | .00578 | .00420 | .00476 |
| 79 | State and local government enterprises | .01058 | .01242 | .00916 | .01365 | .00994 | .01099 | .01480 | .01143 | .01255 | .00766 | .01323 |
| 82 | General government industry | | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | | |
| | **Total industry output multiplier** | **2.29623** | **2.72844** | **2.1896** | **2.60146** | **1.92488** | **1.97534** | **2.22922** | **2.410** | **3.00573** | **2.14485** | **2.22707** |

* Less than .000005.

## Total Requirements, 1996—Continued
of delivery to final demand, at producers' prices]

| Other fabricated metal products | Engines and turbines | Farm, construction, and mining machinery | Materials handling machinery and equipment | Metal-working machinery and equipment | Special industry machinery and equipment | General industrial machinery and equipment | Miscellaneous machinery, except electrical | Computer and office equipment | Service industry machinery | Electrical industrial equipment and apparatus | Household appliances | Electric lighting and wiring equipment | Audio, video, and communication equipment | Electronic components and accessories | Miscellaneous electrical machinery and supplies | Motor vehicles (passenger cars and trucks) | Truck and bus bodies, trailers, and motor vehicles parts | Industry number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | 43 | 44+45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59A | 59B | |
| .00079 | .00069 | .00071 | .00069 | .00063 | .00071 | .00072 | .00054 | .00093 | .00080 | .00073 | .00112 | .00083 | .00080 | .00084 | .00098 | .00141 | .00093 | 1 |
| .00163 | .00129 | .00144 | .00134 | .00126 | .00139 | .00149 | .00099 | .00170 | .00157 | .00146 | .00254 | .00174 | .00159 | .00168 | .00212 | .00407 | .00191 | 2 |
| .00099 | .00065 | .00103 | .00089 | .00090 | .00102 | .00083 | .00046 | .00082 | .00105 | .00086 | .00162 | .00097 | .00085 | .00077 | .00130 | .00155 | .00111 | 3 |
| .00142 | .00154 | .00147 | .00135 | .00125 | .00143 | .00148 | .00124 | .00209 | .00142 | .00168 | .00193 | .00148 | .00170 | .00234 | .00222 | .00196 | .00171 | 4 |
| .01081 | .00956 | .00719 | .00798 | .00654 | .00685 | .00630 | .00750 | .00303 | .00832 | .00796 | .00773 | .00668 | .00377 | .00371 | .00623 | .00689 | .01408 | 5+6 |
| .00508 | .00481 | .00411 | .00408 | .00342 | .00314 | .00343 | .00323 | .00220 | .00335 | .00315 | .00381 | .00313 | .00196 | .00251 | .00276 | .00356 | .00477 | 7 |
| .02181 | .01681 | .01649 | .01734 | .01503 | .01463 | .01554 | .01316 | .01367 | .01651 | .01918 | .02409 | .01901 | .01197 | .01474 | .01825 | .02184 | .02087 | 8 |
| .00229 | .00201 | .00165 | .00162 | .00274 | .00151 | .00153 | .00131 | .00132 | .00193 | .00344 | .00435 | .00248 | .00117 | .00171 | .00191 | .00226 | .00227 | 9+10 |
| | | | | | | | | | | | | | | | | | | 11 |
| .01995 | .02097 | .01780 | .01766 | .01709 | .01802 | .01681 | .0170 | .03070 | .02057 | .01867 | .02195 | .01855 | .02466 | .03386 | .02243 | .02444 | .02573 | 12 |
| .00014 | .00023 | .00009 | .00153 | .00041 | .00020 | .00018 | .00016 | .00014 | .00177 | .00008 | .00029 | .00007 | .00183 | .00021 | .00076 | .00021 | .00017 | 13 |
| .00305 | .00264 | .00267 | .00264 | .00244 | .00270 | .00255 | .00201 | .00357 | .00312 | .00277 | .00415 | .00314 | .00301 | .00315 | .00366 | .00446 | .00349 | 14 |
| (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | .00001 | (*) | (*) | (*) | (*) | (*) | (*) | 15 |
| .00245 | .00157 | .00181 | .00160 | .00133 | .00147 | .00293 | .00116 | .00158 | .00206 | .00188 | .00536 | .00324 | .00246 | .00152 | .00342 | .01924 | .00030 | 16 |
| .00122 | .00095 | .00109 | .00126 | .00074 | .00098 | .00697 | .00203 | .00076 | .00112 | .00092 | .00207 | .00111 | .00122 | .00074 | .00157 | .01072 | .00211 | 17 |
| .00049 | .00075 | .00028 | .00030 | .00061 | .00030 | .00030 | .00017 | .00036 | .00032 | .00026 | .00041 | .00028 | .00028 | .00029 | .00033 | .00172 | .00036 | 18 |
| .00073 | .00034 | .00028 | .00026 | .00020 | .00023 | .00023 | .00017 | .00034 | .00025 | .00024 | .00068 | .00024 | .00026 | .00026 | .00030 | .02586 | .00124 | 19 |
| .00915 | .00564 | .00844 | .00877 | .00891 | .01083 | .00693 | .00452 | .00694 | .00978 | .00709 | .00933 | .00735 | .00724 | .00688 | .00856 | .01098 | .00996 | 20+21 |
| .00247 | .00038 | .00058 | .00287 | .00026 | .00027 | .00025 | .00026 | .00065 | .00113 | .00036 | .00151 | .00172 | .01101 | .00103 | .00055 | .00240 | .00178 | 22+23 |
| .01945 | .00765 | .00756 | .00827 | .00746 | .01571 | .01283 | .00595 | .01381 | .01476 | .01451 | .03199 | .02177 | .01426 | .01186 | .03836 | .01390 | .01326 | 24 |
| .00832 | .00372 | .00353 | .00365 | .00495 | .00383 | .00597 | .00373 | .00863 | .00729 | .00612 | .01515 | .01728 | .00635 | .00550 | .01616 | .00773 | .00879 | 25 |
| .00448 | .00355 | .00445 | .00465 | .00375 | .00456 | .00465 | .00393 | .00867 | .00499 | .00550 | .00932 | .00753 | .00575 | .00688 | .00583 | .00701 | .00861 | 26A |
| .00878 | .00675 | .00772 | .00831 | .00646 | .00828 | .00787 | .00633 | .01402 | .00838 | .00878 | .01399 | .01110 | .00954 | .01067 | .00956 | .01204 | .01328 | 26B |
| .03251 | .01541 | .01906 | .01515 | .01852 | .01604 | .01549 | .01123 | .02039 | .02263 | .02047 | .05098 | .03197 | .01971 | .03122 | .03825 | .03896 | .03063 | 27A |
| .00129 | .00080 | .00092 | .00084 | .00082 | .00082 | .00117 | .00058 | .00111 | .00110 | .00099 | .00221 | .00148 | .00101 | .00130 | .00175 | .00186 | .00135 | 27B |
| .01570 | .00802 | .01139 | .00835 | .00830 | .00839 | .01126 | .00554 | .01023 | .01508 | .01318 | .04684 | .03203 | .01279 | .01129 | .02963 | .02750 | .01870 | 28 |
| .00027 | .00015 | .00017 | .00015 | .00016 | .00018 | .00015 | .00010 | .00021 | .00025 | .00020 | .00053 | .00029 | .00021 | .00029 | .00034 | .00037 | .00026 | 29A |
| .00123 | .00070 | .00074 | .00071 | .00067 | .00073 | .00077 | .00048 | .00105 | .00155 | .00149 | .00306 | .00241 | .00114 | .00106 | .00168 | .00160 | .00114 | 29B |
| .00791 | .00281 | .00471 | .00282 | .00281 | .00142 | .00157 | .00115 | .00151 | .00451 | .00354 | .00925 | .00161 | .00131 | .00120 | .00139 | .01382 | .00725 | 30 |
| .01389 | .01150 | .01133 | .01267 | .01054 | .01051 | .01090 | .00882 | .01042 | .01153 | .01489 | .01710 | .01318 | .00883 | .01040 | .01277 | .01628 | .01460 | 31 |
| .03999 | .02723 | .05284 | .03233 | .0340 | .03207 | .03965 | .01335 | .03680 | .04236 | .04149 | .11611 | .05201 | .03865 | .03073 | .08351 | .09228 | .04605 | 32 |
| .00022 | .00008 | .00008 | .00007 | .00005 | .00011 | .00007 | .00005 | .00009 | .00008 | .00007 | .00013 | .00008 | .00009 | .00008 | .00010 | .00099 | .00013 | 33+34 |
| .00272 | .00166 | .00181 | .00156 | .00146 | .00221 | .00143 | .00146 | .00550 | .00234 | .00233 | .00487 | .02736 | .00469 | .01133 | .00337 | .01397 | .00436 | 35 |
| .00844 | .01184 | .00695 | .00739 | .01605 | .00749 | .00802 | .00723 | .00431 | .01142 | .03692 | .01209 | .01371 | .00335 | .00445 | .00588 | .00801 | .01022 | 36 |
| .02025 | .20317 | .16780 | .17282 | .12254 | .10532 | .11894 | .10914 | .12405 | .10561 | .08509 | .11405 | .07817 | .02743 | .02847 | .04837 | .09084 | .15513 | 37 |
| .09686 | .07558 | .03867 | .06168 | .05871 | .08306 | .06019 | .09875 | .04721 | .11561 | .09401 | .08804 | .09374 | .05114 | .05862 | .09174 | .06493 | .14336 | 38 |
| .00104 | .00038 | .00046 | .00041 | .00036 | .00034 | .00033 | .00024 | .00047 | .00050 | .00044 | .00088 | .00047 | .00038 | .00043 | .00052 | .00098 | .00066 | 39 |
| .01152 | .0170 | .04524 | .03050 | .01474 | .02037 | .01888 | .01111 | .01305 | .01347 | .00840 | .01541 | .00333 | .01058 | .00794 | .00812 | .00885 | .01825 | 40 |
| .02626 | .04286 | .02125 | .03666 | .03507 | .01467 | .01628 | .01534 | .01708 | .03885 | .02420 | .03795 | .03303 | .01829 | .01541 | .01677 | .10594 | .05750 | 41 |
| .97578 | .04699 | .03074 | .03869 | .02522 | .03961 | .02906 | .03391 | .02398 | .03155 | .02055 | .02922 | .02907 | .02371 | .04344 | .02930 | .03692 | .03112 | 42 |
| .00217 | .96930 | .05314 | .01269 | .00213 | .00647 | .01157 | .00480 | .00139 | .00411 | .02881 | .00226 | .00172 | .00070 | .00076 | .00153 | .01696 | .00766 | 43 |
| .00440 | .00711 | .99277 | .02258 | .00719 | .00251 | .00665 | .00474 | .00080 | .00216 | .00238 | .00171 | .00504 | .00077 | .00086 | .00103 | .00263 | .00378 | 44+45 |
| .00085 | .00052 | .00246 | .93224 | .00227 | .00251 | .00295 | .00070 | .00041 | .00082 | .00154 | .00048 | .00040 | .00029 | .00030 | .00037 | .00056 | .00073 | 46 |
| .01183 | .00980 | .01484 | .01397 | .94914 | .02043 | .01184 | .02557 | .00399 | .01038 | .00751 | .01150 | .00731 | .00391 | .00510 | .00614 | .00852 | .00982 | 47 |
| .00217 | .00124 | .00298 | .01553 | .00789 | 1.01134 | .00818 | .00322 | .00155 | .00441 | .00163 | .00326 | .00218 | .00127 | .00246 | .00184 | .00188 | .00170 | 48 |
| .00912 | .03911 | .04090 | .08747 | .01986 | .04475 | 1.02655 | .02266 | .00269 | .03324 | .01396 | .01040 | .00482 | .00271 | .00273 | .00788 | .01182 | .02653 | 49 |
| .02210 | .05994 | .04047 | .04504 | .04639 | .05268 | .04626 | 1.01054 | .00973 | .03565 | .02226 | .0110 | .01079 | .00936 | .01258 | .02793 | .03147 | .05974 | 50 |
| .00237 | .00307 | .00203 | .00221 | .00196 | .00363 | .00205 | .00174 | 1.17033 | .00252 | .00715 | .00435 | .00392 | .03634 | .08681 | .04201 | .00703 | .00632 | 51 |
| .00237 | .00126 | .00127 | .00386 | .00092 | .00473 | .00677 | .00127 | .00098 | 1.05213 | .00117 | .03311 | .00102 | .00116 | .0010 | .00119 | .01994 | .01329 | 52 |
| .01009 | .04939 | .01606 | .04161 | .02830 | .04905 | .04934 | .00703 | .03298 | .06575 | 1.01478 | .05480 | .04163 | .00867 | .00988 | .02588 | .00715 | .00789 | 53 |
| .00020 | .00027 | .00033 | .00027 | .00101 | .00025 | .00047 | .00015 | .00023 | .00377 | .00117 | .94081 | .00102 | .00028 | .00022 | .00036 | .00052 | .00055 | 54 |
| .00274 | .00201 | .00162 | .00212 | .00277 | .00191 | .00187 | .00644 | .00482 | .00854 | .01121 | .01587 | .96478 | .01086 | .00594 | .00528 | .00819 | .00534 | 55 |
| .00059 | .00117 | .00066 | .00262 | .00066 | .00084 | .00066 | .00045 | .01783 | .00101 | .00386 | .01937 | .00449 | .98128 | .01467 | .01340 | .00942 | .00184 | 56 |
| .00760 | .01193 | .00601 | .00849 | .00560 | .02332 | .00868 | .00737 | .49575 | .00986 | .04238 | .03077 | .02503 | .35910 | 1.20787 | .14336 | .06208 | .05635 | 57 |
| .00172 | .01293 | .00666 | .00481 | .00243 | .00239 | .00248 | .00240 | .00261 | .00215 | .00340 | .00352 | .00807 | .01687 | .00342 | .90729 | .02268 | .02193 | 58 |
| .00032 | .00211 | .00144 | .00061 | .00088 | .00023 | .00026 | .00024 | .00027 | .00052 | .00042 | .00043 | .00039 | .00034 | .00027 | .00059 | .99843 | .03122 | 59A |
| .00384 | .04044 | .00910 | .01215 | .00514 | .00301 | .00560 | .00477 | .00504 | .01018 | .00542 | .00345 | .00342 | .01301 | .00752 | .03809 | .33438 | 1.06354 | 59B |
| .00173 | .03584 | .00239 | .00109 | .00106 | .00092 | .00151 | .00278 | .00067 | .00093 | .00090 | .00074 | .00046 | .00154 | .00052 | .00090 | .00159 | .00165 | 60 |
| .00038 | .00273 | .00338 | .00396 | .00068 | .00064 | .00048 | .00105 | .00041 | .00049 | .00317 | .00048 | .00036 | .00026 | .00029 | .00096 | .00088 | .00131 | 61 |
| .00467 | .01415 | .00227 | .00597 | .00371 | .00586 | .00529 | .00261 | .00791 | .01958 | .01058 | .03901 | .01417 | .03678 | .01494 | .01616 | .01260 | .00554 | 62 |
| .00080 | .00085 | .00080 | .00084 | .00071 | .00109 | .00105 | .00077 | .00642 | .00096 | .00090 | .00124 | .00098 | .00131 | .00124 | .00660 | .00145 | .00123 | 63 |
| .00395 | .00108 | .00282 | .00222 | .00149 | .00155 | .00270 | .00090 | .00191 | .00216 | .00127 | .00271 | .00391 | .00150 | .00149 | .00160 | .00210 | .00176 | 64 |
| .00893 | .00727 | .00696 | .00707 | .00583 | .00598 | .00591 | .00576 | .00563 | .00703 | .00743 | .00903 | .00518 | .00618 | .00701 | | .01023 | .01019 | 65A |
| .03671 | .04164 | .03726 | .03416 | .02860 | .02831 | .02717 | .02445 | .01925 | .03268 | .02978 | .04325 | .03317 | .01926 | .02017 | .03311 | .04941 | .04437 | 65B |
| .00134 | .00112 | .00111 | .00105 | .00093 | .00089 | .00088 | .00082 | .00078 | .00103 | .00120 | .00146 | .00105 | .00071 | .00085 | .00103 | .00139 | .00141 | 65C |
| .00734 | .00996 | .00826 | .00905 | .00729 | .00843 | .00794 | .00658 | .01373 | .00890 | .00833 | .00985 | .00768 | .00998 | .00951 | .00906 | .01465 | .01152 | 65D |
| .00339 | .00377 | .00336 | .00336 | .00277 | .00291 | .00282 | .00246 | .00330 | .00325 | .00316 | .00409 | .00317 | .00269 | .00276 | .00333 | .00504 | .00428 | 65E |
| .01210 | .01159 | .0120 | .01373 | .01170 | .01405 | .01308 | .00972 | .02158 | .01281 | .01362 | .01542 | .01281 | .01679 | .01608 | .01373 | .01556 | .01405 | 66 |
| .00360 | .00282 | .00358 | .00374 | .00301 | .00365 | .00379 | .00312 | .00689 | .00402 | .00444 | .00771 | .00617 | .00457 | .00550 | .00458 | .00561 | .00704 | 67 |
| .02450 | .02101 | .01858 | .01816 | .01826 | .01765 | .01898 | .01867 | .02039 | .01923 | .01961 | .02230 | .02008 | .01705 | .02322 | .02164 | .02156 | .02551 | 68A |
| .01675 | .01270 | .01202 | .01206 | .01058 | .01011 | .01116 | .01030 | .00802 | .01134 | .01177 | .01422 | .01247 | .00721 | .00901 | .01111 | .01263 | .01413 | 68B |
| .00227 | .00211 | .00168 | .00164 | .00144 | .00140 | .00153 | .00130 | .00247 | .00156 | .00173 | | .00127 | | .00155 | .00231 | .00270 | .00308 | 68C |
| .10918 | .11691 | .12170 | .15523 | .18986 | .12620 | .10980 | .07641 | .22541 | .12724 | .12393 | .14017 | .12134 | .13683 | .12932 | .14353 | .17332 | .14820 | 69A |
| .00284 | .00255 | .00234 | .00245 | .00204 | .00229 | .00225 | .00191 | .00340 | .00298 | .00287 | .00449 | .00404 | .00296 | .00315 | .00335 | .00382 | .00327 | 69B |
| .02217 | .02362 | .02240 | .02246 | .01909 | .02084 | .02070 | .01856 | .03383 | .02409 | .02388 | .02619 | .02219 | .0270 | .02752 | .02607 | .05052 | .02960 | 70A |
| .00766 | .00810 | .00792 | .00866 | .00687 | .00723 | .00727 | .00643 | .01055 | .00820 | .00753 | .00924 | .00777 | .00861 | .00870 | .00855 | .01135 | .00977 | 70B |
| | | | | | | | | | | | | | | | | | | 71A |
| .02798 | .02494 | .02316 | .02720 | .02515 | .02879 | .02369 | .02666 | .04812 | .02507 | .02705 | .02872 | .03043 | .03392 | .03586 | .03055 | .03613 | .02988 | 71B |
| .00569 | .00629 | .00587 | .00595 | .00518 | .00577 | .00550 | .00498 | .00874 | .00610 | .00575 | .00681 | .00585 | .00690 | .00683 | .00638 | .00827 | .00718 | 72A |
| .00423 | .00420 | .00372 | .00343 | .00298 | .00313 | .00359 | .00291 | .00431 | .00361 | .00357 | .00381 | .00324 | .00370 | .00507 | .00434 | .00560 | .00547 | 72B |
| .0110 | .01211 | .01073 | .00961 | .00839 | .00899 | .00963 | .00749 | .02680 | .01117 | .00952 | .01039 | .01022 | .01477 | .01617 | .01151 | .01267 | .01307 | 73A |
| .01880 | .01596 | .01908 | .02098 | .01766 | .02064 | .01801 | .01696 | .03625 | .01901 | .01701 | .02074 | .01897 | .02779 | .03388 | .02035 | .02947 | .02419 | 73B |
| .04667 | .04542 | .04340 | .04577 | .03843 | .04271 | .04276 | .04220 | .06909 | .04353 | .04566 | .05025 | .04472 | .05416 | .06243 | .05667 | .05805 | .05594 | 73C |
| .00388 | .00304 | .00385 | .00402 | .00324 | .00393 | .00407 | .00336 | .00741 | .00432 | .00478 | .00828 | .00663 | .00491 | .00592 | .00493 | .00603 | .00757 | 73D |
| .00650 | .00710 | .00670 | .00681 | .00629 | .00683 | .00652 | .00562 | .00907 | .00701 | .00668 | .00779 | .00694 | .00752 | .00735 | .00760 | | .0080 | 74 |
| .01037 | .01022 | .00941 | .00893 | .00795 | .00802 | .00873 | .00732 | .01056 | .00912 | .00874 | .01035 | .00896 | .00886 | .01067 | .01044 | .07383 | .01438 | 75 |
| .00323 | .00309 | .00356 | .00338 | .00271 | .00345 | .00329 | .00305 | .00669 | .00391 | .00381 | .00599 | .00476 | .00460 | .00517 | .00412 | .00556 | .00616 | 76 |
| .00009 | .00009 | .00009 | .00009 | .00007 | .00008 | .00008 | .00008 | .00012 | .00009 | .00009 | .00010 | .00009 | .00009 | .00010 | .00011 | .00011 | .00011 | 77A |
| .00312 | .00334 | .00281 | .00275 | .00261 | .00261 | .00270 | .00234 | .00603 | .00465 | .00306 | .00495 | .00295 | .00460 | .00540 | .00452 | .00964 | .00669 | 77B |
| .00421 | .00416 | .00441 | .00443 | .00350 | .00441 | .00395 | .00316 | .00548 | .00377 | .00421 | .00613 | .00420 | .00507 | .00461 | .00453 | .00657 | .00612 | 78 |
| .00834 | .00741 | .00640 | .00660 | .00595 | .00585 | .00617 | .00582 | .00682 | .00741 | .00648 | .00779 | .00688 | .00556 | .00693 | .00772 | .00950 | .00973 | 79 |
| | | | | | | | | | | | | | | | | | | 82 |
| | | | | | | | | | | | | | | | | | | 84 |
| | | | | | | | | | | | | | | | | | | 85 |
| **2.07032** | **2.23746** | **2.11128** | **2.18496** | **1.86668** | **2.07699** | **2.00912** | **1.82495** | **2.72192** | **2.21428** | **2.06789** | **2.38483** | **2.06506** | **2.26588** | **2.21963** | **2.23334** | **2.94051** | **2.53076** | |

### Table 5.—Industry-by-Commodity
[Total requirements, direct and indirect, per dollar

| Industry number | Each entry represents the output required, directly and indirectly, of the industry named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column | Aircraft and parts | Other transportation equipment | Scientific and controlling instruments | Ophthalmic and photographic equipment | Miscellaneous manufacturing | Railroads and related services; passenger ground transportation | Motor freight transportation and warehousing | Water transportation | Air transportation | Pipelines, freight forwarders, and related services | Communications, except radio and TV |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Commodity number | 60 | 61 | 62 | 63 | 64 | 65A | 65B | 65C | 65D | 65E | 66 |
| 1 | Livestock and livestock products | .00068 | .00085 | .00085 | .00078 | .00172 | .00055 | .00058 | .00118 | .00168 | .00057 | .00064 |
| 2 | Other agricultural products | .00147 | .00233 | .00195 | .00155 | .00520 | .00119 | .00097 | .00180 | .00187 | .00112 | .00116 |
| 3 | Forestry and fishery products | .00059 | .00261 | .00074 | .00085 | .00260 | .00073 | .00048 | .00057 | .00045 | .00087 | .00054 |
| 4 | Agricultural, forestry, and fishery services | .00159 | .00194 | .00153 | .00124 | .00185 | .00135 | .00088 | .00120 | .00095 | .00096 | .00115 |
| 5+6 | Metallic ores mining | .00390 | .00549 | .00279 | .00147 | .00459 | .00107 | .00055 | .00083 | .00043 | .00035 | .00049 |
| 7 | Coal mining | .00182 | .00317 | .00204 | .00210 | .00208 | .00217 | .00130 | .00201 | .00112 | .00137 | .00083 |
| 8 | Crude petroleum and natural gas | .01083 | .01576 | .01074 | .01432 | .01867 | .05692 | .05307 | .02764 | .08017 | .01549 | .00619 |
| 9+10 | Nonmetallic minerals mining | .00107 | .00148 | .00117 | .00163 | .00194 | .00162 | .00079 | .00080 | .00084 | .00056 | .00085 |
| 11 | New construction, including own-account construction | | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | .01899 | .01621 | .01795 | .01680 | .01584 | .07329 | .02002 | .02334 | .01885 | .02423 | .05264 |
| 13 | Ordnance and accessories | .02378 | .00011 | .00460 | .00008 | .00005 | .00004 | .00004 | .00007 | .00072 | .00014 | .00007 |
| 14 | Food and kindred products | .00243 | .00277 | .00293 | .00310 | .00539 | .00204 | .00235 | .00488 | .00783 | .00207 | .0020 |
| 15 | Tobacco products | (*) | (*) | (*) | .00001 | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| 16 | Broad and narrow fabrics, yarn and thread mills | .00376 | .00429 | .00665 | .00209 | .01859 | .00085 | .00088 | .00301 | .00061 | .00142 | .00077 |
| 17 | Miscellaneous textile goods and floor coverings | .00136 | .00334 | .00614 | .00103 | .00393 | .00053 | .00051 | .00114 | .00029 | .00046 | .00036 |
| 18 | Apparel | .00042 | .00047 | .00115 | .00021 | .00552 | .00068 | .00023 | .00305 | .00025 | .00025 | .00084 |
| 19 | Miscellaneous fabricated textile products | .00136 | .00449 | .00030 | .00018 | .00215 | .00032 | .00040 | .00331 | .00045 | .00206 | .00023 |
| 20+21 | Lumber and wood products | .00452 | .03524 | .00630 | .00771 | .02641 | .00935 | .00423 | .00550 | .00388 | .01179 | .00673 |
| 22+23 | Furniture and fixtures | .00092 | .00181 | .00099 | .00020 | .00199 | .00019 | .00023 | .00016 | .00011 | .00017 | .00069 |
| 24 | Paper and allied products, except containers | .00631 | .00738 | .01561 | .04624 | .02697 | .00519 | .00563 | .00782 | .00524 | .00925 | .00697 |
| 25 | Paperboard containers and boxes | .00277 | .00355 | .00762 | .01346 | .02052 | .00165 | .00247 | .00179 | .00152 | .00375 | .00178 |
| 26A | Newspapers and periodicals | .00347 | .00404 | .00638 | .00595 | .01081 | .00318 | .00347 | .01359 | .00577 | .00928 | .00693 |
| 26B | Other printing and publishing | .00618 | .00695 | .00975 | .00910 | .02029 | .00829 | .00843 | .01818 | .01005 | .01887 | .01337 |
| 27A | Industrial and other chemicals | .01413 | .01812 | .01856 | .03892 | .04071 | .01087 | .00916 | .00835 | .00744 | .00507 | .00485 |
| 27B | Agricultural fertilizers and chemicals | .00080 | .00109 | .00097 | .00145 | .00204 | .00075 | .00051 | .00066 | .00051 | .00040 | .00042 |
| 28 | Plastics and synthetic materials | .01103 | .01380 | .01431 | .02080 | .03502 | .00328 | .00434 | .00378 | .00176 | .00257 | .00242 |
| 29A | Drugs | .00036 | .00018 | .00276 | .00128 | .00056 | .00011 | .00011 | .00011 | .00011 | .00007 | .00010 |
| 29B | Cleaning and toilet preparations | .00064 | .00079 | .00128 | .00169 | .00302 | .00068 | .00066 | .00063 | .00068 | .00040 | .00057 |
| 30 | Paints and allied products | .00284 | .00644 | .00121 | .00076 | .00645 | .00113 | .0010 | .00172 | .00045 | .00046 | .00102 |
| 31 | Petroleum refining and related products | .00847 | .01181 | .00795 | .00986 | .0140 | .06405 | .06212 | .02879 | .09614 | .01023 | .00553 |
| 32 | Rubber and miscellaneous plastics products | .02976 | .03815 | .03454 | .03650 | .05222 | .01138 | .01994 | .01009 | .00502 | .00904 | .00820 |
| 33+34 | Footwear, leather, and leather products | .00012 | .00021 | .00018 | .00006 | .00160 | .00007 | .00008 | .00020 | .00007 | .00016 | .00011 |
| 35 | Glass and glass products | .00215 | .00817 | .00748 | .00841 | .00247 | .00227 | .00115 | .00121 | .00084 | .00099 | .00097 |
| 36 | Stone and clay products | .00558 | .00613 | .00427 | .00248 | .00611 | .00461 | .00177 | .00234 | .00177 | .00157 | .00246 |
| 37 | Primary iron and steel manufacturing | .03048 | .10736 | .02976 | .01165 | .03475 | .01923 | .00634 | .01165 | .00462 | .00422 | .00558 |
| 38 | Primary nonferrous metals manufacturing | .05467 | .04555 | .03578 | .01553 | .06723 | .00748 | .00456 | .00846 | .00388 | .00355 | .00570 |
| 39 | Metal containers | .00034 | .00050 | .00050 | .00042 | .00073 | .00026 | .00025 | .00029 | .00035 | .00014 | .00015 |
| 40 | Heating, plumbing, and fabricated structural metal products | .00630 | .02671 | .01028 | .00234 | .00532 | .00455 | .00153 | .00283 | .00133 | .00167 | .00306 |
| 41 | Screw machine products and stampings | .01404 | .01797 | .01751 | .0110 | .00575 | .00243 | .00215 | .00226 | .00148 | .00119 | .00367 |
| 42 | Other fabricated metal products | .02729 | .02889 | .02651 | .00782 | .01763 | .00916 | .00655 | .01252 | .00373 | .00508 | .00533 |
| 43 | Engines and turbines | .00299 | .05010 | .00090 | .00052 | .00088 | .0050 | .00148 | .01211 | .00049 | .00135 | .00196 |
| 44+45 | Farm, construction, and mining machinery | .00103 | .0080 | .00087 | .00051 | .00074 | .00096 | .00044 | .00083 | .00046 | .00031 | .00034 |
| 46 | Materials handling machinery and equipment | .00025 | .00099 | .00023 | .00019 | .00028 | .00021 | .00018 | .00023 | .00012 | .00011 | .00010 |
| 47 | Metalworking machinery and equipment | .01422 | .00561 | .00421 | .00274 | .00430 | .00231 | .00086 | .00705 | .00110 | .00059 | .00072 |
| 48 | Special industry machinery and equipment | .00089 | .00111 | .00135 | .00233 | .00133 | .00045 | .00043 | .00075 | .00031 | .00044 | .00039 |
| 49 | General industrial machinery and equipment | .00576 | .03115 | .00347 | .00147 | .00293 | .00820 | .00174 | .01666 | .00130 | .00470 | .00316 |
| 50 | Miscellaneous machinery, except electrical | .02209 | .01897 | .00988 | .00776 | .01173 | .00596 | .00291 | .00857 | .00352 | .00305 | .00178 |
| 51 | Computer and office equipment | .00711 | .00216 | .02470 | .02045 | .01044 | .00249 | .00191 | .00250 | .00411 | .01032 | .00720 |
| 52 | Service industry machinery | .00062 | .00486 | .00085 | .00055 | .00079 | .00203 | .00110 | .00098 | .00058 | .00072 | .00098 |
| 53 | Electrical industrial equipment and apparatus | .00574 | .03673 | .01759 | .00715 | .00665 | .00934 | .00314 | .00414 | .00149 | .00255 | .00382 |
| 54 | Household appliances | .00016 | .00467 | .00025 | .00044 | .00024 | .00033 | .00012 | .00030 | .00013 | .00015 | .00028 |
| 55 | Electric lighting and wiring equipment | .00152 | .00473 | .00574 | .00152 | .00149 | .00208 | .00123 | .00088 | .00075 | .00073 | .00192 |
| 56 | Audio, video, and communication equipment | .01060 | .00137 | .01606 | .00124 | .00133 | .00073 | .00073 | .00054 | .00097 | .00147 | .02048 |
| 57 | Electronic components and accessories | .04288 | .00951 | .13282 | .04819 | .01492 | .00533 | .00447 | .00427 | .00816 | .01192 | .03891 |
| 58 | Miscellaneous electrical machinery and supplies | .00301 | .00554 | .00960 | .01647 | .00224 | .00244 | .00239 | .00214 | .00127 | .00325 | .00198 |
| 59A | Motor vehicles (passenger cars and trucks) | .00021 | .02840 | .00023 | .00017 | .00025 | .00084 | .00047 | .00056 | .00007 | .00011 | .00011 |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00352 | .04227 | .00287 | .00216 | .00264 | .01123 | .01416 | .00302 | .00173 | .00314 | .00253 |
| 60 | Aircraft and parts | 1.18389 | .00368 | .00610 | .00032 | .00048 | .00047 | .00055 | .00071 | .03421 | .00040 | .00033 |
| 61 | Other transportation equipment | .00024 | 1.01951 | .00027 | .00024 | .00493 | .01845 | .00045 | .01698 | .00019 | .00028 | .00018 |
| 62 | Scientific and controlling instruments | .09526 | .00720 | .98522 | .01272 | .00201 | .00102 | .00099 | .00106 | .00339 | .00075 | .00179 |
| 63 | Ophthalmic and photographic equipment | .00130 | .00074 | .00672 | .99906 | .00104 | .00071 | .00106 | .00122 | .00082 | .00175 | .00114 |
| 64 | Miscellaneous manufacturing | .00119 | .00184 | .00307 | .00140 | 1.02244 | .00116 | .00106 | .00379 | .00141 | .00227 | .00178 |
| 65A | Railroads and related services; passenger ground transportation | .00422 | .00678 | .00437 | .00586 | .00632 | .93680 | .00561 | .00297 | .00306 | .00269 | .00255 |
| 65B | Motor freight transportation and warehousing | .01857 | .03366 | .01756 | .01963 | .02957 | .01858 | 1.22514 | .01308 | .01009 | .01386 | .00827 |
| 65C | Water transportation | .00063 | .00097 | .00065 | .00089 | .00108 | .00148 | .00820 | 1.15764 | .00208 | .00052 | .00052 |
| 65D | Air transportation | .01272 | .00835 | .00749 | .00626 | .00672 | .00640 | .01350 | .00547 | 1.01307 | .00919 | .00614 |
| 65E | Pipelines, freight forwarders, and related services | .00288 | .00318 | .00221 | .00228 | .00291 | .02049 | .05367 | .0660 | .12105 | 1.02455 | .00150 |
| 66 | Communications, except radio and TV | .01013 | .01077 | .01386 | .01302 | .01279 | .01533 | .02554 | .01353 | .02266 | .04412 | 1.16904 |
| 67 | Radio and TV broadcasting | .00273 | .00324 | .00506 | .00454 | .00889 | .00228 | .00245 | .01036 | .00457 | .00714 | .00594 |
| 68A | Electric services (utilities) | .01350 | .01607 | .01449 | .01208 | .01545 | .01270 | .01270 | .01194 | .00913 | .01481 | .00785 |
| 68B | Gas production and distribution (utilities) | .00620 | .01002 | .00631 | .00822 | .00987 | .01090 | .00796 | .00742 | .00898 | .00338 | .00292 |
| 68C | Water and sanitary services | .00139 | .00169 | .00112 | .00122 | .00133 | .00190 | .00669 | .00142 | .00123 | .00099 | .00104 |
| 69A | Wholesale trade | .07442 | .10846 | .08788 | .08696 | .12081 | .05613 | .05592 | .03775 | .03521 | .02703 | .03054 |
| 69B | Retail trade | .00192 | .00226 | .00233 | .00250 | .00323 | .00767 | .00781 | .00249 | .00204 | .00265 | .00346 |
| 70A | Finance | .02297 | .02133 | .02099 | .02067 | .02027 | .02778 | .04101 | .05170 | .03022 | .04351 | .02426 |
| 70B | Insurance | .00673 | .00769 | .00685 | .00657 | .00746 | .01077 | .02264 | .00798 | .00816 | .01290 | .00745 |
| 71A | Owner-occupied dwellings | | | | | | | | | | | |
| 71B | Real estate and royalties | .02039 | .03033 | .02644 | .02120 | .02995 | .03742 | .05313 | .05583 | .04547 | .04769 | .03589 |
| 72A | Hotels and lodging places | .00560 | .00560 | .00538 | .00496 | .00503 | .00416 | .00640 | .00412 | .00470 | .00504 | .00517 |
| 72B | Personal and repair services (except auto) | .00349 | .00293 | .00273 | .00233 | .00292 | .00232 | .00291 | .00292 | .00517 | .00407 | .01054 |
| 73A | Computer and data processing services, including own-account software | .01432 | .00924 | .01061 | .00867 | .00789 | .02154 | .01332 | .01878 | .03852 | .10478 | .01952 |
| 73B | Legal, engineering, accounting, and related services | .02051 | .01756 | .02402 | .01364 | .01846 | .02356 | .02225 | .04398 | .02842 | .07093 | .05116 |
| 73C | Other business and professional services, except medical | .04305 | .03989 | .05108 | .04743 | .04544 | .04694 | .05523 | .14676 | .04190 | .06954 | .05056 |
| 73D | Advertising | .00294 | .00349 | .00544 | .00488 | .00954 | .00246 | .00265 | .01118 | .00490 | .00766 | .00566 |
| 74 | Eating and drinking places | .00618 | .00655 | .00612 | .00562 | .00605 | .00532 | .00669 | .00445 | .02019 | .00537 | .00529 |
| 75 | Automotive repair and services | .00780 | .00966 | .00678 | .00636 | .00780 | .01341 | .05962 | .0050 | .00496 | .00881 | .00869 |
| 76 | Amusements | .00312 | .0030 | .00438 | .00412 | .00641 | .00255 | .00344 | .00752 | .00462 | .00622 | .02386 |
| 77A | Health services | .00008 | .00008 | .00009 | .00009 | .00010 | .00008 | .00055 | .00022 | .00009 | .00011 | .00009 |
| 77B | Educational and social services, and membership organizations | .00575 | .00312 | .00439 | .00619 | .00579 | .00577 | .00271 | .00878 | .00371 | .01298 | .00422 |
| 78 | Federal Government enterprises | .00376 | .00355 | .00396 | .00337 | .00522 | .00408 | .00541 | .00503 | .00406 | .00832 | .00653 |
| 79 | State and local government enterprises | .00485 | .00623 | .00479 | .00463 | .00568 | .10442 | .01386 | .06352 | .02757 | .00481 | .00371 |
| 82 | General government industry | | | | | | | | | | | |
| 84 | Household industry | | | | | | | | | | | |
| 85 | Inventory valuation adjustment | | | | | | | | | | | |
| | **Total industry output multiplier** | **2.03255** | **2.12101** | **1.90243** | **1.75286** | **1.98979** | **1.79582** | **2.00859** | **2.07487** | **1.84498** | **1.76743** | **1.74925** |

* Less than .000005.

## Total Requirements, 1996—Continued
of delivery to final demand, at producers' prices]

| Radio and TV broadcasting | Electric services (utilities) | Gas production and distribution (utilities) | Water and sanitary services | Wholesale trade | Retail trade | Finance | Insurance | Owner-occupied dwellings | Real estate and royalties | Hotels and lodging places | Personal and repair services (exc. auto) | Computer and data processing services | Legal, engineering, accounting, and related services | Other business and professional services, except medical | Advertising | Eating and drinking places | Automotive repair and services | Industry number |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 67 | 68A | 68B | 68C | 69A | 69B | 70A | 70B | 71A | 71B | 72A | 72B | 73A | 73B | 73C | 73D | 74 | 75 | |
| .00454 | .00051 | .00057 | .00069 | .00087 | .00066 | .00046 | .00061 | .00055 | .00064 | .00163 | .00082 | .00059 | .00043 | .00081 | .00161 | .05230 | .00065 | 1 |
| .00611 | .00118 | .00155 | .00193 | .00145 | .00112 | .00070 | .00089 | .00189 | .00184 | .00294 | .00172 | .00101 | .00070 | .00092 | .00249 | .05054 | .00124 | 2 |
| .00043 | .00073 | .00104 | .00144 | .00069 | .00039 | .00024 | .00030 | .00037 | .00055 | .00062 | .00049 | .00039 | .00024 | .00029 | .00086 | .00753 | .00058 | 3 |
| .00259 | .00137 | .00209 | .00289 | .00139 | .00203 | .00092 | .00115 | .00905 | .00672 | .00567 | .00152 | .00167 | .00122 | .00092 | .00154 | .00902 | .00146 | 4 |
| .00030 | .00058 | .00093 | .00110 | .00039 | .00026 | .00016 | .00022 | .00014 | .00024 | .00032 | .00063 | .00056 | .00016 | .00035 | .00052 | .00054 | .00211 | 5+6 |
| .00148 | .06873 | .00215 | .00683 | .00110 | .00192 | .00093 | .00066 | .00016 | .00126 | .00327 | .00154 | .00092 | .00070 | .00069 | .00131 | .00240 | .00184 | 7 |
| .00793 | .04136 | .71410 | .06665 | .01146 | .01003 | .00566 | .0050 | .00218 | .00751 | .01495 | .01264 | .00605 | .00443 | .00814 | .01007 | .01560 | .01923 | 8 |
| .00060 | .00156 | .00227 | .00287 | .00053 | .00052 | .00029 | .00033 | .00072 | .00105 | .00103 | .00073 | .00052 | .00028 | .00046 | .00106 | .00118 | .00091 | 9+10 |
| | | | | | | | | | | | | | | | | | | 11 |
| .02453 | .08791 | .13741 | .12552 | .01386 | .02170 | .01126 | .01282 | .05005 | .06708 | .04311 | .01817 | .01668 | .00972 | .00960 | .01690 | .02321 | .01827 | 12 |
| .00013 | .00003 | .00004 | .00010 | .00004 | .00003 | .00003 | .00004 | .00001 | .00002 | .00005 | .00005 | .00005 | .00004 | .00027 | .00008 | .00003 | .00006 | 13 |
| .00682 | .00189 | .00196 | .00227 | .00351 | .00237 | .01777 | .00242 | .00043 | .00131 | .00606 | .00288 | .00218 | .00156 | .00236 | .00389 | .25406 | .00240 | 14 |
| (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | 15 |
| .00118 | .00083 | .00054 | .00105 | .00114 | .00068 | .00046 | .00045 | .00016 | .00035 | .00450 | .00585 | .00056 | .00031 | .00055 | .00169 | .00137 | .00181 | 16 |
| .00034 | .00040 | .00049 | .00077 | .00044 | .00041 | .00021 | .00023 | .00018 | .00029 | .00110 | .00109 | .00034 | .00018 | .00027 | .0010 | .00091 | .00104 | 17 |
| .00079 | .00018 | .00014 | .00037 | .00101 | .00020 | .00012 | .00013 | .00002 | .00009 | .00148 | .00571 | .00017 | .00012 | .00045 | .00045 | .00028 | .00057 | 18 |
| .00038 | .00026 | .00025 | .00033 | .00053 | .00021 | .00044 | .00031 | .00008 | .00018 | .00755 | .00295 | .00017 | .00014 | .00017 | .00035 | .00088 | .00115 | 19 |
| .00453 | .00999 | .01488 | .01985 | .00890 | .00451 | .00267 | .00302 | .00521 | .00754 | .00652 | .00502 | .00429 | .00263 | .00288 | .01067 | .00576 | .00463 | 20+21 |
| .00014 | .00033 | .00015 | .00025 | .00017 | .00015 | .00013 | .00020 | .00004 | .00011 | .00018 | .00020 | .00021 | .00014 | .00013 | .00018 | .00018 | .00180 | 22+23 |
| .00873 | .00340 | .00399 | .00560 | .01454 | .01565 | .00832 | .00812 | .00099 | .00390 | .01008 | .01329 | .01619 | .00749 | .00952 | .07694 | .01816 | .00901 | 24 |
| .00185 | .00111 | .00128 | .00213 | .00759 | .00270 | .00120 | .00129 | .00033 | .00083 | .00356 | .00305 | .00214 | .00130 | .00291 | .00420 | .01045 | .00335 | 25 |
| .01343 | .00150 | .00204 | .00274 | .00876 | .01363 | .00702 | .00595 | .00049 | .00319 | .00726 | .00876 | .00514 | .00293 | .00387 | .24770 | .00868 | .00721 | 26A |
| .01850 | .00403 | .00440 | .00638 | .02204 | .01771 | .01695 | .01732 | .00109 | .00579 | .01211 | .02116 | .01665 | .01235 | .01163 | .28161 | .01549 | .01216 | 26B |
| .00545 | .00846 | .01295 | .02394 | .00608 | .00455 | .00292 | .00343 | .00153 | .00325 | .00664 | .01092 | .00616 | .00302 | .00793 | .01822 | .01071 | .01238 | 27A |
| .00157 | .00065 | .00082 | .00182 | .00124 | .00051 | .00026 | .00033 | .00187 | .00117 | .00314 | .00067 | .00049 | .00030 | .00041 | .00105 | .00515 | .00070 | 27B |
| .00189 | .00218 | .00257 | .00509 | .00266 | .00213 | .00110 | .00152 | .00064 | .00129 | .00333 | .00512 | .00280 | .00117 | .00212 | .00574 | .00472 | .00727 | 28 |
| .00016 | .00009 | .00013 | .00027 | .00019 | .00007 | .00005 | .00005 | .00004 | .00006 | .00016 | .00040 | .00008 | .00005 | .00014 | .00020 | .00112 | .00014 | 29A |
| .00061 | .00047 | .00060 | .00102 | .00126 | .00065 | .00033 | .00036 | .00015 | .00038 | .00166 | .01143 | .00049 | .00043 | .00150 | .00101 | .00126 | .00128 | 29B |
| .00059 | .00101 | .00151 | .00181 | .00041 | .00043 | .00023 | .00052 | .00050 | .00077 | .00063 | .00073 | .00042 | .00023 | .00046 | .00065 | .00068 | .00312 | 30 |
| .00681 | .02203 | .01638 | .05050 | .01033 | .00888 | .00473 | .00455 | .00196 | .00557 | .00928 | .00919 | .00510 | .00382 | .00767 | .00788 | .01149 | .01809 | 31 |
| .00505 | .00675 | .00672 | .01608 | .00894 | .0070 | .00298 | .00511 | .00201 | .00413 | .00897 | .01222 | .00888 | .00364 | .00664 | .01188 | .01823 | .02795 | 32 |
| .00045 | .00006 | .00006 | .00007 | .00009 | .00043 | .00010 | .00009 | .00001 | .00005 | .00041 | .00418 | .00009 | .00015 | .00023 | .00020 | .00015 | .00015 | 33+34 |
| .00062 | .00067 | .00073 | .00172 | .00092 | .00046 | .00041 | .00060 | .00017 | .00041 | .00482 | .00094 | .00126 | .0010 | .00136 | .00070 | .00429 | .00599 | 35 |
| .00139 | .00484 | .00760 | .00870 | .00127 | .00130 | .00073 | .00083 | .00192 | .00365 | .00305 | .00161 | .00135 | .00079 | .00116 | .00139 | .0030 | .00286 | 36 |
| .00295 | .00725 | .01773 | .01161 | .00372 | .00291 | .00168 | .00233 | .00177 | .00299 | .00343 | .00624 | .00476 | .00171 | .00384 | .00383 | .00513 | .02550 | 37 |
| .00309 | .00515 | .00555 | .00913 | .00444 | .00241 | .00157 | .00217 | .00138 | .00241 | .00279 | .00712 | .00765 | .00160 | .00307 | .00425 | .00572 | .02056 | 38 |
| .00025 | .00018 | .00022 | .00035 | .00097 | .00013 | .00009 | .00012 | .00005 | .00010 | .00033 | .00016 | .00016 | .00009 | .00025 | .00028 | .00574 | .00032 | 39 |
| .00148 | .00478 | .00698 | .00676 | .00131 | .00134 | .00071 | .00085 | .00264 | .00336 | .00228 | .00167 | .00208 | .00066 | .00089 | .00128 | .00153 | .00331 | 40 |
| .00105 | .00178 | .00126 | .00294 | .00106 | .00084 | .00056 | .00092 | .00027 | .00064 | .00097 | .00278 | .00249 | .00059 | .00129 | .00107 | .00142 | .01644 | 41 |
| .00264 | .00392 | .00746 | .00825 | .00320 | .00279 | .00183 | .00274 | .00131 | .00247 | .00302 | .00562 | .00523 | .00190 | .00274 | .00320 | .00379 | .01626 | 42 |
| .00039 | .00396 | .00068 | .00147 | .00039 | .00065 | .00028 | .00038 | .00009 | .00028 | .00048 | .00044 | .00041 | .00025 | .00085 | .00043 | .00044 | .00642 | 43 |
| .00030 | .00404 | .00235 | .00162 | .00039 | .00028 | .00016 | .00017 | .00060 | .00035 | .00046 | .00033 | .00025 | .00017 | .00060 | .00032 | .00060 | .00084 | 44+45 |
| .00010 | .00061 | .00041 | .00025 | .00105 | .00011 | .00007 | .00008 | .00003 | .00007 | .00014 | .00012 | .00013 | .00009 | .00057 | .00016 | .00017 | .00021 | 46 |
| .00053 | .00114 | .00117 | .00127 | .00089 | .00049 | .00031 | .00039 | .00016 | .00035 | .00060 | .00097 | .00086 | .00045 | .00214 | .00085 | .00068 | .00222 | 47 |
| .00038 | .00029 | .00035 | .00055 | .00060 | .00044 | .00029 | .00034 | .00007 | .00021 | .00049 | .00112 | .00054 | .00038 | .00198 | .00199 | .00144 | .00086 | 48 |
| .00066 | .00255 | .00215 | .00237 | .00085 | .00064 | .00051 | .00057 | .00032 | .00063 | .00088 | .00138 | .00077 | .00048 | .00207 | .00092 | .00203 | .00409 | 49 |
| .00151 | .00420 | .00330 | .00756 | .00285 | .00165 | .00049 | .00101 | .00030 | .00093 | .00155 | .00309 | .00227 | .00120 | .00279 | .00224 | .00194 | .01029 | 50 |
| .00418 | .00162 | .00290 | .00192 | .00366 | .00180 | .00409 | .00386 | .00026 | .00082 | .00214 | .01034 | .08920 | .00475 | .00411 | .00311 | .00141 | .00299 | 51 |
| .00090 | .00178 | .00228 | .00425 | .00079 | .00075 | .00031 | .00048 | .00070 | .00114 | .00101 | .00441 | .00047 | .00032 | .00075 | .00061 | .00081 | .00753 | 52 |
| .00237 | .00350 | .00262 | .00510 | .00125 | .00096 | .00082 | .00097 | .00045 | .0010 | .00156 | .00293 | .00484 | .00096 | .00421 | .00173 | .00120 | .00504 | 53 |
| .00018 | .00027 | .00039 | .00045 | .00012 | .00014 | .00007 | .00008 | .00013 | .00029 | .00045 | .01240 | .00012 | .00007 | .00011 | .00013 | .00018 | .00029 | 54 |
| .00113 | .00227 | .00364 | .00329 | .00085 | .00098 | .00042 | .00057 | .00077 | .00121 | .00118 | .00109 | .00103 | .00039 | .00093 | .00079 | .00110 | .00403 | 55 |
| .00217 | .00054 | .00076 | .00125 | .00114 | .00059 | .00074 | .00084 | .00022 | .00050 | .00076 | .00124 | .00267 | .00073 | .00069 | .00135 | .00049 | .00089 | 56 |
| .01238 | .00274 | .00331 | .00637 | .01582 | .00335 | .00487 | .00464 | .00052 | .00164 | .00359 | .01927 | .08875 | .00489 | .00746 | .00662 | .00323 | .01189 | 57 |
| .00321 | .00131 | .00117 | .00279 | .00122 | .00106 | .00103 | .00164 | .00021 | .00054 | .00092 | .00134 | .00434 | .00182 | .00154 | .00143 | .00110 | .00677 | 58 |
| .00011 | .00012 | .00009 | .00074 | .00014 | .00017 | .00007 | .00014 | .00002 | .00007 | .00011 | .00012 | .00010 | .00006 | .00014 | .00010 | .00014 | .00380 | 59A |
| .00283 | .00273 | .00238 | .02357 | .00417 | .00522 | .00202 | .00404 | .00042 | .0020 | .00304 | .00297 | .00264 | .00172 | .00344 | .00283 | .00398 | .11203 | 59B |
| .00026 | .00034 | .00033 | .00043 | .00029 | .00021 | .00022 | .00030 | .00003 | .00015 | .00029 | .00025 | .00029 | .00021 | .00031 | .00025 | .00028 | .00067 | 60 |
| .00049 | .00083 | .00030 | .00091 | .00018 | .00017 | .00017 | .00022 | .00005 | .00017 | .00029 | .00025 | .00018 | .00019 | .00113 | .00036 | .00026 | .00034 | 61 |
| .00094 | .00124 | .00111 | .01287 | .00074 | .00061 | .00041 | .00093 | .00024 | .00061 | .00085 | .00228 | .00219 | .00058 | .00106 | .00124 | .00067 | .00209 | 62 |
| .00173 | .00043 | .00068 | .00094 | .00174 | .00094 | .00094 | .00243 | .00014 | .00060 | .00122 | .01015 | .00211 | .00266 | .00304 | .00360 | .00071 | .00123 | 63 |
| .00317 | .00088 | .00111 | .00136 | .00208 | .00237 | .00212 | .00175 | .00031 | .00098 | .00244 | .01633 | .00172 | .00160 | .00228 | .02454 | .00305 | .00179 | 64 |
| .00289 | .02649 | .00392 | .00661 | .00271 | .00264 | .00224 | .00303 | .00051 | .00204 | .00364 | .00293 | .00267 | .00183 | .00290 | .00463 | .00639 | .00461 | 65A |
| .00980 | .01372 | .01253 | .31173 | .01134 | .00968 | .01643 | .01152 | .00281 | .00795 | .01727 | .01546 | .00867 | .00740 | .01010 | .01857 | .02670 | .02033 | 65B |
| .00048 | .00478 | .00110 | .00492 | .00061 | .00065 | .00114 | .00062 | .00013 | .00048 | .00080 | .00062 | .00048 | .00047 | .00048 | .00064 | .00118 | .00094 | 65C |
| .00637 | .00489 | .00797 | .00714 | .00748 | .00507 | .00571 | .00790 | .00073 | .00366 | .00745 | .00567 | .00708 | .00562 | .00683 | .00608 | .0070 | .00794 | 65D |
| .00166 | .00312 | .01401 | .01402 | .00246 | .00156 | .00174 | .00188 | .00030 | .00115 | .01668 | .00191 | .00162 | .00131 | .00176 | .00206 | .00279 | .00410 | 65E |
| .03363 | .00720 | .00960 | .02275 | .02873 | .01878 | .02525 | .03589 | .00206 | .01233 | .0230 | .02267 | .03353 | .02111 | .02108 | .04753 | .01296 | .02109 | 66 |
| 1.03771 | .00108 | .00155 | .00199 | .00665 | .01137 | .00507 | .00451 | .00037 | .00258 | .00529 | .00680 | .00372 | .00169 | .00267 | .21228 | .00708 | .00563 | 67 |
| .01636 | .88858 | .03112 | .01091 | .02116 | .00657 | .00528 | .00123 | .01170 | .03774 | .01542 | .00839 | .00649 | .00618 | .01134 | .02477 | .01441 | | 68A |
| .00399 | .04165 | 1.26949 | .04087 | .00548 | .00513 | .00327 | .00227 | .00074 | .00496 | .01262 | .00885 | .00312 | .00231 | .00321 | .00534 | .01022 | .00810 | 68B |
| .00166 | .00139 | .00141 | .37083 | .00121 | .00175 | .00144 | .00088 | .00022 | .00288 | .00582 | .00263 | .00086 | .00066 | .00076 | .00109 | .00314 | .00213 | 68C |
| .02588 | .02499 | .03430 | .05287 | 1.04486 | .01646 | .01377 | .01488 | .00577 | .01173 | .02353 | .04380 | .05491 | .01423 | .02230 | .04188 | .08564 | .06716 | 69A |
| .00263 | .00510 | .00885 | .01142 | .00389 | .99994 | .00130 | .00184 | .00291 | .00402 | .00448 | .00262 | .00175 | .00123 | .00298 | .00235 | .00385 | .00779 | 69B |
| .02704 | .02580 | .02778 | .03028 | .02304 | .03057 | 1.23023 | .12797 | .01842 | .07691 | .02217 | .02258 | .02275 | .01918 | .02023 | .02485 | | .26909 | 70A |
| .01887 | .00652 | .00865 | .01574 | .00740 | .00744 | .00799 | 1.38204 | .01024 | .00465 | .00738 | .00705 | .00484 | .00455 | .00573 | .00867 | .00743 | .01048 | 70B |
| | | | | | | | | 1.00000 | | | | | | | | | | 71A |
| .07611 | .02913 | .1480 | .04423 | .04649 | .08170 | .04865 | .06410 | .03887 | 1.05425 | .07959 | .07423 | .09737 | .06652 | .03748 | .04573 | .07299 | .06851 | 71B |
| .00566 | .00347 | .00498 | .00427 | .00530 | .00457 | .00428 | .00739 | .00055 | .00472 | 1.00637 | .00498 | .00609 | .00567 | .00490 | .00528 | .00576 | | 72A |
| .00811 | .00147 | .00150 | .00366 | .00396 | .00442 | .00206 | .00249 | .00034 | .00287 | .00912 | 1.04076 | .00368 | .00197 | .00357 | .00392 | .00445 | .01145 | 72B |
| .02037 | .01330 | .00975 | .00913 | .01620 | .01097 | .03066 | .01643 | .00140 | .00378 | .01362 | .01042 | 1.0873 | .02238 | .01674 | .01242 | .00848 | .01499 | 73A |
| .03892 | .02340 | .05622 | .04548 | .02374 | .01836 | .05222 | .05564 | .00973 | .02612 | .02545 | .05060 | .03112 | 1.08531 | .04116 | .03230 | .02057 | .02606 | 73B |
| .07644 | .03158 | .03841 | .04676 | .07631 | .06306 | .06772 | .08396 | .01123 | .04316 | .11713 | .06221 | .07135 | .12233 | 1.06067 | .14974 | .05244 | .05511 | 73C |
| .01166 | .00117 | .00168 | .00215 | .00715 | .01221 | .00546 | .00485 | .00040 | .00278 | .00572 | .00730 | .0040 | .00186 | .00349 | .22741 | .00761 | .00605 | 73D |
| .00599 | .00416 | .00512 | .00478 | .00553 | .00553 | .00435 | .00753 | .00052 | .00345 | .00811 | .00499 | .00547 | .00429 | .00639 | .00521 | 1.01406 | .00609 | 74 |
| .01028 | .00443 | .00649 | .02007 | .01021 | .00782 | .00513 | .02119 | .00122 | .00851 | .00926 | .00816 | .00904 | .00622 | .00811 | .00946 | .00935 | .81494 | 75 |
| .54724 | .00170 | .00263 | .00260 | .00652 | .00834 | .00463 | .00510 | .00046 | .00257 | .00504 | .00553 | .00415 | .00261 | .00484 | .11978 | .01759 | .00510 | 76 |
| .00034 | .00006 | .00007 | .00019 | .00012 | .00010 | .00010 | .00013 | .00003 | .00007 | .00020 | .00010 | .00011 | .00017 | .00145 | .00016 | .00116 | .00009 | 77A |
| .01273 | .00672 | .00279 | .00267 | .00375 | .00255 | .00393 | .00362 | .00013 | .00179 | .00414 | .00555 | .01477 | .00589 | .00473 | .01078 | .00348 | .00333 | 77B |
| .00688 | .03418 | .00488 | .00581 | .00893 | .01163 | .03451 | .01559 | .00127 | .00547 | .01004 | .00861 | .00886 | .01145 | .00799 | .00735 | .01058 | .01267 | 78 |
| .00752 | .09899 | .05793 | .42423 | .00486 | .00949 | .00447 | .00392 | .00123 | .02349 | .01495 | .00769 | .00455 | .00347 | .00323 | .00501 | .00991 | .01248 | 79 |
| | | | | | | | | | | | | | | | | | | 82 |
| | | | | | | | | | | | | | | | | | | 84 |
| | | | | | | | | | | | | | | | | | | 85 |
| 2.19852 | 1.64459 | 2.77261 | 2.02146 | 1.5656 | 1.53026 | 1.68265 | 2.00618 | 1.22001 | 1.42929 | 1.76454 | 1.73147 | 1.83282 | 1.52441 | 1.45277 | 1.80037 | 2.0505 | 1.92657 | |

## Table 5.—Industry-by-Commodity Total Requirements, 1996—Continued

[Total requirements, direct and indirect, per dollar of delivery to final demand, at producers' prices]

| Industry number | Each entry represents the output required, directly and indirectly, of the industry named at the beginning of the row for each dollar of delivery to final demand of the commodity named at the head of the column | Amuse-ments | Health services | Educational and social services, and membership organizations | Federal Government enterprises | State and local government enterprises | Non-comparable imports | Scrap, used and second-hand goods | General government industry | Rest-of-the-world adjustment to final uses | House-hold industry | Inventory valuation adjustment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Commodity number | 76 | 77A | 77B | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 |
| 1 | Livestock and livestock products | .00919 | .00287 | .00420 | .00233 | .00074 | | | | | | |
| 2 | Other agricultural products | .01224 | .00359 | .00469 | .00284 | .00245 | | | | | | |
| 3 | Forestry and fishery products | .00054 | .00059 | .00086 | .00072 | .00152 | | | | | | |
| 4 | Agricultural, forestry, and fishery services | .00428 | .0030 | .00344 | .00101 | .00517 | | | | | | |
| 5+6 | Metallic ores mining | .00032 | .00052 | .00040 | .00063 | .00105 | | | | | | |
| 7 | Coal mining | .00186 | .00152 | .00141 | .01015 | .01287 | | | | | | |
| 8 | Crude petroleum and natural gas | .00977 | .01110 | .01196 | .02553 | .07563 | | | | | | |
| 9+10 | Nonmetallic minerals mining | .00069 | .00104 | .00105 | .00080 | .00426 | | | | | | |
| 11 | New construction, including own-account construction | | | | | | | | | | | |
| 12 | Maintenance and repair construction, including own-account construction | .02267 | .01788 | .05136 | .03421 | .20005 | | | | | | |
| 13 | Ordnance and accessories | .00023 | .00011 | .00005 | .00004 | .00005 | | | | | | |
| 14 | Food and kindred products | .01216 | .01262 | .01709 | .01114 | .00196 | | | | | | |
| 15 | Tobacco products | (*) | (*) | (*) | (*) | (*) | | | | | | |
| 16 | Broad and narrow fabrics, yarn and thread mills | .00208 | .00185 | .00125 | .00245 | .00109 | | | | | | |
| 17 | Miscellaneous textile goods and floor coverings | .00046 | .00066 | .00058 | .00090 | .00084 | | | | | | |
| 18 | Apparel | .00150 | .00155 | .00070 | .00033 | .00058 | | | | | | |
| 19 | Miscellaneous fabricated textile products | .00062 | .00135 | .00059 | .00279 | .00033 | | | | | | |
| 20+21 | Lumber and wood products | .00514 | .00401 | .00994 | .00592 | .02177 | | | | | | |
| 22+23 | Furniture and fixtures | .00014 | .00019 | .00021 | .00748 | .00022 | | | | | | |
| 24 | Paper and allied products, except containers | .00960 | .01074 | .02031 | .00863 | .00539 | | | | | | |
| 25 | Paperboard containers and boxes | .00240 | .00354 | .00347 | .00406 | .00170 | | | | | | |
| 26A | Newspapers and periodicals | .01252 | .00398 | .01299 | .00212 | .00252 | | | | | | |
| 26B | Other printing and publishing | .01799 | .01091 | .0550 | .01467 | .00634 | | | | | | |
| 27A | Industrial and other chemicals | .00645 | .02332 | .00811 | .00739 | .02232 | | | | | | |
| 27B | Agricultural fertilizers and chemicals | .00299 | .00130 | .00120 | .00057 | .0030 | | | | | | |
| 28 | Plastics and synthetic materials | .00234 | .00538 | .00317 | .00251 | .00424 | | | | | | |
| 29A | Drugs | .00026 | .02063 | .00044 | .00013 | .00027 | | | | | | |
| 29B | Cleaning and toilet preparations | .00080 | .00190 | .00132 | .00124 | .00125 | | | | | | |
| 30 | Paints and allied products | .00079 | .00050 | .00096 | .00071 | .00224 | | | | | | |
| 31 | Petroleum refining and related products | .0080 | .00789 | .01004 | .02633 | .04852 | | | | | | |
| 32 | Rubber and miscellaneous plastics products | .00594 | .01767 | .00962 | .00576 | .01102 | | | | | | |
| 33+34 | Footwear, leather, and leather products | .00086 | .00017 | .00058 | .00065 | .00006 | | | | | | |
| 35 | Glass and glass products | .00064 | .00293 | .00208 | .00075 | .00154 | | | | | | |
| 36 | Stone and clay products | .00136 | .00202 | .00254 | .0020 | .01411 | | | | | | |
| 37 | Primary iron and steel manufacturing | .00312 | .00346 | .00428 | .00705 | .01190 | | | | | | |
| 38 | Primary nonferrous metals manufacturing | .00316 | .00310 | .00369 | .00634 | .00897 | | | | | | |
| 39 | Metal containers | .00039 | .00051 | .00052 | .00038 | .00034 | | | | | | |
| 40 | Heating, plumbing, and fabricated structural metal products | .00142 | .00132 | .00273 | .00224 | .00992 | | | | | | |
| 41 | Screw machine products and stampings | .00108 | .00172 | .00136 | .00251 | .00219 | | | | | | |
| 42 | Other fabricated metal products | .00289 | .00313 | .00412 | .00350 | .00714 | | | | | | |
| 43 | Engines and turbines | .00037 | .00035 | .00040 | .00214 | .00198 | | | | | | |
| 44+45 | Farm, construction, and mining machinery | .00037 | .00031 | .00040 | .00086 | .00286 | | | | | | |
| 46 | Materials handling machinery and equipment | .00011 | .00012 | .00013 | .00028 | .00030 | | | | | | |
| 47 | Metalworking machinery and equipment | .00053 | .00059 | .00068 | .00089 | .00137 | | | | | | |
| 48 | Special industry machinery and equipment | .00038 | .00058 | .00067 | .00038 | .00053 | | | | | | |
| 49 | General industrial machinery and equipment | .00067 | .00069 | .00085 | .00204 | .00253 | | | | | | |
| 50 | Miscellaneous machinery, except electrical | .00154 | .00165 | .00187 | .00445 | .01181 | | | | | | |
| 51 | Computer and office equipment | .00203 | .00491 | .00276 | .00113 | .00150 | | | | | | |
| 52 | Service industry machinery | .00126 | .00070 | .00115 | .00121 | .00733 | | | | | | |
| 53 | Electrical industrial equipment and apparatus | .00115 | .00151 | .00146 | .00127 | .00831 | | | | | | |
| 54 | Household appliances | .00014 | .00016 | .00029 | .00014 | .00067 | | | | | | |
| 55 | Electric lighting and wiring equipment | .00156 | .00170 | .00210 | .00130 | .00439 | | | | | | |
| 56 | Audio, video, and communication equipment | .00069 | .00093 | .00096 | .00040 | .00123 | | | | | | |
| 57 | Electronic components and accessories | .00377 | .00705 | .00525 | .00302 | .00418 | | | | | | |
| 58 | Miscellaneous electrical machinery and supplies | .00555 | .00111 | .00148 | .00125 | .00249 | | | | | | |
| 59A | Motor vehicles (passenger cars and trucks) | .00012 | .00011 | .00013 | .00065 | .00026 | | | | | | |
| 59B | Truck and bus bodies, trailers, and motor vehicles parts | .00321 | .00287 | .00362 | .02064 | .00682 | | | | | | |
| 60 | Aircraft and parts | .00026 | .00036 | .00026 | .00091 | .00028 | | | | | | |
| 61 | Other transportation equipment | .00085 | .00020 | .00030 | .00102 | .00168 | | | | | | |
| 62 | Scientific and controlling instruments | .00071 | .01671 | .00173 | .00070 | .00229 | | | | | | |
| 63 | Ophthalmic and photographic equipment | .00122 | .00288 | .00281 | .00073 | .00071 | | | | | | |
| 64 | Miscellaneous manufacturing | .00434 | .00141 | .00512 | .00106 | .00157 | | | | | | |
| 65A | Railroads and related services; passenger ground transportation | .00297 | .00337 | .00339 | .01113 | .00896 | | | | | | |
| 65B | Motor freight transportation and warehousing | .01032 | .01165 | .01451 | .03498 | .02502 | | | | | | |
| 65C | Water transportation | .00058 | .00072 | .00085 | .02716 | .00619 | | | | | | |
| 65D | Air transportation | .00598 | .00694 | .00651 | .02354 | .00432 | | | | | | |
| 65E | Pipelines, freight forwarders, and related services | .00169 | .00189 | .00205 | .00693 | .00435 | | | | | | |
| 66 | Communications, except radio and TV | .01870 | .01884 | .02030 | .01014 | .01279 | | | | | | |
| 67 | Radio and TV broadcasting | .010 | .00256 | .00677 | .00129 | .00188 | | | | | | |
| 68A | Electric services (utilities) | .02072 | .01531 | .01360 | .00936 | .03652 | | | | | | |
| 68B | Gas production and distribution (utilities) | .00530 | .00670 | .00659 | .00859 | .05042 | | | | | | |
| 68C | Water and sanitary services | .00171 | .00188 | .00198 | .00337 | .02812 | | | | | | |
| 69A | Wholesale trade | .03348 | .03536 | .03637 | .03215 | .04340 | | | | | | |
| 69B | Retail trade | .00289 | .00233 | .00472 | .00263 | .01078 | | | | | | |
| 70A | Finance | .02241 | .01920 | .03351 | .0220 | .03050 | | | | | | |
| 70B | Insurance | .00662 | .01014 | .00781 | .00756 | .00740 | | | | | | |
| 71A | Owner-occupied dwellings | | | | | | | | | | | |
| 71B | Real estate and royalties | .08910 | .08411 | .12449 | .03182 | .04998 | | | | | | |
| 72A | Hotels and lodging places | .00502 | .00609 | .00539 | .00194 | .00272 | | | | | | |
| 72B | Personal and repair services (except auto) | .00464 | .00396 | .00390 | .00137 | .00261 | | | | | | |
| 73A | Computer and data processing services, including own-account software | .00968 | .01364 | .01831 | .00665 | .00817 | | | | | | |
| 73B | Legal, engineering, accounting, and related services | .03825 | .02920 | .02970 | .01340 | .05187 | | | | | | |
| 73C | Other business and professional services, except medical | .06893 | .07769 | .09977 | .04788 | .04598 | | | | | | |
| 73D | Advertising | .01074 | .00278 | .00730 | .00141 | .00204 | | | | | | |
| 74 | Eating and drinking places | .00556 | .00884 | .00864 | .00331 | .00348 | | | | | | |
| 75 | Automotive repair and services | .00959 | .00980 | .00958 | .00759 | .00833 | | | | | | |
| 76 | Amusements | 1.18749 | .00312 | .01028 | .00139 | .00198 | | | | | | |
| 77A | Health services | .00060 | 1.01903 | .00023 | .00013 | .00009 | | | | | | |
| 77B | Educational and social services, and membership organizations | .00344 | .00502 | 1.00772 | .00182 | .00271 | | | | | | |
| 78 | Federal Government enterprises | .00833 | .01229 | .01295 | 1.0036 | .00675 | | | | | | |
| 79 | State and local government enterprises | .00974 | .00664 | .00740 | .00952 | 1.00196 | | | | | | |
| 82 | General government industry | | | | | | | | 1.00000 | | | |
| 84 | Household industry | | | | | | | | | | 1.00000 | |
| 85 | Inventory valuation adjustment | | | | | | | | | | | 1.00000 |
| | **Total industry output multiplier** | **1.79421** | **1.65654** | **1.79734** | **1.58793** | **2.01999** | | | **1.00000** | | **1.00000** | **1.00000** |

* Less than .000005.