# Annual Input-Output Accounts of the U.S. Economy, 1998

By Mark A. Planting and Peter D. Kuhbach

THIS month, the Bureau of Economic Analysis released the 1998 annual input-output (I-O) accounts for the U.S. economy. These accounts are the third in a series of annual I-O accounts that have been prepared to improve the timeliness of the accounts: The lag between the year of measurement and the year of release has been reduced from 5 years to 3 years.

The annual I-O accounts show the flow of 97 commodities—goods and services—among 94 industries and to final uses. Final uses consist of personal consumption expenditures (PCE), gross private domestic investment, change in private inventories, exports, imports, and government consumption expenditures and gross investment. The sum of all final uses is, by definition, equal to gross domestic product (GDP). In addition, the accounts show, by industry, the contributions made by primary inputs (mainly labor and capital) to total output. By definition, these contributions, called "value-added," also sum to GDP.

The annual I-O accounts extend and supplement the quinquennial benchmark I-O accounts, the annual GDP-by-industry accounts, and the GDP estimates. Using various indicators to extrapolate both commodity output and industry output, the accounts provide a more up-to-date picture of interindustry interactions than the benchmark I-O tables. The accounts supplement the annual GDP-by-industry estimates by providing information on industry purchases and sales that are not found in the GDP-by-industry estimates of gross output, intermediate inputs, and value added. The annual I-O accounts also provide industry information that supplements the product information contained in the GDP estimates.

The I-O accounts map the structure of production and distribution economy wide. These accounts can be used to analyze changes in the composition of GDP and the effects of these changes on different parts of the economy. For example, the industry relationships from the 1998

accounts could be used to estimate the effects of the attacks of September 11th on tourism (including hotels and air transportation) and its supplying industries or the effects of the recent increases in defense spending on a broad range of industries.

The year 1998 was the seventh year of the 9-year economic expansion of the 1990s. While consumer spending was important in sustaining the long expansion, high levels of investment, especially investment in high-tech equipment and services—computers, communication equipment, and software—played a central role. The long-term shift in the composition of U.S. output from traditional goods to services continued in the 1990s.

For assessing structural changes in the economy, the I-O estimates provide industry and product information, such as purchases of intermediate goods and services, that are not available in the final demand estimates included in GDP. Structural changes highlighted by the 1998 annual I-O accounts include the following:

- Intermediate consumption of business services—which are frequently associated with outsourcing—grew more than 12 percent in 1998, almost five times faster than intermediate consumption of all other commodities.
- Consumer spending on services grew more rapidly than consumer spending on goods in 1992–98, but the spending on goods has larger backward linkages to the rest of the economy.
  - Most goods have backward linkages that exceed 2.0, indicating that a \$1 increase in final demand for goods results in at least another \$1 of demand for goods and services from the supplying industries. For example, passenger cars and trucks have a backward linkage of 2.82, indicating that a \$1 increase in final demand will result in a \$1.82 increase in the demand for goods and services from all the other industries.
  - Most services have linkages that are less than

- 2.0. For example, finance has a linkage of 1.72, indicating that a \$1 increase in final demand results in only a \$0.72 increase in the demand for goods and services from all the other industries.
- The demand for investment commodities grew faster than overall consumer spending (either for goods or services) in 1992–98. Moreover, the backward linkages on investment commodities tend to be larger than those for consumer spend-

The 1998 I-O accounts are based on the 1992 benchmark I-O accounts and are prepared using 1998 estimates of industry and commodity output and the 1998 estimates of GDP from last summer's annual revision of the national income and product accounts (NIPA's).1 The estimates of industry and commodity output are based on Census Bureau annual survey data and other annual sources.

Estimates of the intermediate and final consumption of commodities are based on relationships from the 1992 benchmark I-O accounts. These relationships are allowed to adjust to maintain consistency with the 1998 data.

#### The 1998 annual I-O tables

The 1998 annual I-O accounts consist of 94 industries, 97 commodities, and 11 categories of final demand.<sup>2</sup> Two make tables, one that is based on I-O industry classifications (table 1) and an alternative that is based on the Standard Industrial Classification (SIC), show the commodities produced by each industry. Two use tables, one on the I-O basis (table 2) and one on the SIC basis, show the commodities that are consumed by each industry and final demand (table A is an aggregated version of the use table). 3

Table A.—The Use of Commodities by Industries, 1998 [Millions of dollars]

					Indu	ustries 1							F	Final uses (	GDP)			
	Agri- culture	Mining	Construc- tion	Manufac- turing	Transpor- tation, communi- cation, and utilities	Trade	Finance, insur- ance, and real estate	Services	Other <sup>2</sup>	Total inter- mediate use	Personal consump- tion expendi- tures	Gross private fixed invest- ment	Changes in busi- ness inven- tories	Exports of goods, and services	Imports of goods and services	Govern- ment consump- tion expendi- tures and gross investment	GDP <sup>3</sup>	Total commodity output <sup>3</sup>
Commodities																		
Agricultural products	68,682	78	5,860	144,622	154	1,816	11,476	12,310	567	245,564	34,596		1,236	19,563	-23,438	2,984	34,940	280,503
Minerals	368	31,478	7,368	81,722	52,354	31	6	32	3,061	176,417	105	956	387	6,961	-47,469	-180	-39,241	137,176
Construction	3,369	4,693	895	28,756	47,369	12,694	66,515	28,785	25,895	218,971		577,089		78		210,040	787,208	1,006,179
Manufactured products	49,395	14,510	299,429	1,380,590	70,485	68,005	19,318	340,944	17,593	2,260,269	1,078,057	587,174	41,694	523,300	-828,893	210,188	1,611,520	3,871,789
Transportation, communication, and utilities	12,625	12,652	24,847	179,922	200,933	68,214	52,626	120,762	22,872	695,452	437,478	17,996	1,250	70,106	-15,367	74,784	586,248	1,281,700
Trade	13,948	3,498	81,671	230,668	15,081	32,685	4,925	68,036	2,646	453,157	873,411	112,475	5,127	70,298	19,586	22,215	1,103,110	1,556,267
Finance, insurance, and real estate	20,647	33,253	16,485	71,167	40,283	108,418	445,679	243,750	7,945	987,627	1,369,009	51,135		73,154	-9,896	37,315	1,520,718	2,508,344
Services	8,998	5,851	103,708	240,141	144,495	219,223	191,363	530,971	13,585	1,458,335	2,010,510	166,967	25	38,456	-8,322	6,745	2,214,382	3,672,717
Other 2	166	29	1,076	13,826	3,306	11,226	28,196	24,713	3,034	85,574	5,119	-48,174	23,409	93,720	-5,783	963,760	1,032,052	1,117,626
Noncomparable imports	64	1,872		22,929	21,939	7,722	8,553	5,189	1,144	69,413	47,744				-127,801	10,644	-69,413	
Total intermediate inputs	178,262	107,913	541,338	2,394,342	596,399	530,035	828,656	1,375,492	98,341	6,650,777								
Value added 4	105,028	39,826	464,841	1,559,242	653,908	1,022,277	1,718,897	2,104,140	1,113,367								8,781,523	
Total industry output 3	283,290	147,738	1,006,179	3,953,584	1,250,307	1,552,311	2,547,553	3,479,631	1,211,707		5,856,029	1,465,618	73,127	895,637	-1,047,382	1,538,494		15,432,301

<sup>1.</sup> The input-output (I-O) accounts use two classification systems, one for industries and another for

<sup>1.</sup> 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 a description of the methodology for the annual I-O accounts, see Sumiye Okubo, Ann M. Lawson, and Mark A. Planting, "Annual Input-Output Accounts of the U.S. Economy, 1996," Survey 80 (January 2000): 37–86. For information on the NIPA revision, see Brent R. Moulton, Eugene P. Seskin, and David F. Sullivan, "Annual Revision of the National Income and Product Accounts," Survey 80 (August 2001): 7-120.

<sup>2.</sup> The 1992 benchmark I-O accounts consist of 494 industries, 484 commodities, and 40 categories of final demand. The 1997 benchmark accounts are scheduled to be released at the end of 2002. For more information, see the note "Upcoming Changes in the NAICS-Based 1997 Benchmark Input-Output Accounts" in this issue.

<sup>3.</sup> The make table (table 1), the use table (table 2), and the industry-by-commodity total requirements table (table 5a) in summary format are presented at the end of this article. More detailed versions of all eight tables are available electronically; see the box "Data Availability" on page 50.

commodities, but both systems generally use the same I-O numbers and titles.

2. "Other" consists of government enterprises, general government industry, household industry, and the inventory valuation adjustment.

3. Detail may not sum to totals due to rounding.

<sup>4. &</sup>quot;Value added" consists of compensation of employees, indirect business tax and nontax liability, and other value added. "Other value added" consists of the following components of gross domestic income: Consumption of fixed capital, net interest, proprietors' income, corporate profits, rental income of persons, business transfer payments, and subsidies less current surplus of government enterprises.

Four requirements tables are derived from the make and use tables: One direct requirements table and three total requirements tables. The total requirements tables show the production that is required, directly and indirectly, to meet purchases from final demand. The industry-by-commodity total requirements table details all the linkages between commodity consumption and industry production. The aggregate effect of these linkages is captured in the column sums of this table and is referred to as "the backward linkage" (table 5a). The backward linkage for a commodity represents the total output required from all industries to supply \$1 of final demand for that commodity.

### Changes in the composition of total consumption in 1992–98

The series of I-O accounts can be used to compare the structure of the U.S. economy over time. Changes in the use of commodities by the economy, both for domestic use and for export, are measured by changes in the composition of total consumption (table B). Total consumption is defined as total domestic commodity output plus imports less change in private inventories, and it is equal to the sum of total intermediate use and the four final use sectors (personal consumption expenditures, gross private fixed investment, exports, and government purchases). Total consumption shows the total flow of commodities from domestic and foreign sources through the economy. The consumption of commodities by sector provides indications of where structural changes are occurring (table C).

Total commodity consumption grew 5.0 percent in 1998, somewhat slower than the average annual rate of growth of 6.1 percent over the period 1992–98 (table D). This slower rate of growth reflects a slowdown in the consumption of goods commodities, which grew 2.1 percent in 1998, less than half the average rate of 5.4 percent in 1992–98.<sup>4</sup> In contrast, services commodities grew 6.7 percent in 1998, about the same as the average

rate of 6.6 percent in 1992–98. The faster growth in the consumption of services commodities further shifted total consumption from goods to services; the services' share of total consumption rose from 60.9 percent in 1992 to 62.5 percent in 1998. Among the services commodities, the fastest growth in 1998 was in finance, insurance, and real estate (8.7 percent) and services (8.4 percent), both of which grew faster than in 1992–98.

Among the goods commodities, all the major commodity groups grew more slowly in 1998 than in 1992–98. Mining declined much more substantially (–19.2 percent, compared with –0.6 percent), primarily reflecting a decline in crude petroleum and natural gas prices in 1998. Growth in manufacturing commodities slowed substantially (2.7 percent, compared with 5.5 percent).

Table E shows the fastest growing commodities among those that accounted for at least 1 percent of total consumption in 1998. These commodities, which together accounted for 43.5 percent of total consumption, are predominantly services (commodity numbers 65A and above). Among the fastest growing commodities were finance (14.0 percent), computer and data processing services (18.8 percent), and "other business and professional services" (12.9 percent), each of which grew at more than twice the rate of all commodities. Many of these commodities continued to grow in 1998 at about the same rates as in 1992–98. However, the growth rates of several commodities slowed dramatically: Computers and office equipment grew 5.0 percent in 1998, compared with 11.3 percent in 1992-97, and electronic components and accessories grew -3.4 percent, compared with 14.6 percent.

The text continues on page 49.

#### Acknowledgments

Mark A. Planting supervised the preparation of the 1998 annual input-output estimates. Sumiye Okubo, Associate Director for Industry Accounts, and Ann M. Lawson, Chief of the Industry Economics Division, provided overall guidance. Matthew D. Atkinson, Felicia V. Candela, Emily J. Dozier, Jiemin Guo, Peter D. Kuhbach, Tameka R. Lee, Bobby C. Leung, Greg R. Linder, Sherlene K.S. Lum, Demian J. McGarry, Brian C. Moyer, William H. Nicolls IV, and Robert S. Robinowitz prepared the estimates. Karen J. Horowitz provided valuable assistance.

<sup>4.</sup> Services' share of economic activity varies depending on the definitions used. For example, I-O services commodities as a percentage of final uses rose from 72 percent in 1992 to 73 percent in 1998; in contrast, services as a share of GDP declined from 54 percent to 53 percent. The differences in the level are largely attributable to wholesale and retail trade; in the supply-oriented I-O commodity classification system, wholesale-retail trade is considered a service, but from the perspective of final users, these services are included in the value of goods purchased. The difference in the direction of movement was due not only to wholesale-retail trade but also to eating and drinking places and to computer and data processing services, including own-account software, which is treated as services in the I-O commodity classification system but as consumer and investment goods in final demand.

Table B.—Commodity Output, Imports, and Total Consumption, 1992, 1997, and 1998 [Millions of dollars]

Commodity	Description		Output			Imports		To	otal consumption	on
number	Description	1992	1997	1998	1992	1997	1998	1992	1997	1998
	ALL COMMODITIES	10,857,353	14,704,030	15,432,301	631,637	990,973	1,047,382	11,487,126	15,632,077	16,406,556
0.3	AGRICULTURE, FORESTRY, AND FISHERIES  Total. Livestock and livestock products. Other agricultural products. Forestry and fishery products. Agricultural, forestry, and fishery services.  MINING	235,591 89,375 104,546 11,865 29,805	295,106 100,418 136,349 14,925 43,414	280,503 97,795 120,594 14,642 47,473	14,601 2,061 6,860 5,659 21	22,910 2,558 11,969 8,371 12	23,438 2,575 12,326 8,529 8	245,345 90,579 107,371 17,569 29,826	314,319 103,363 144,299 23,231 43,426	302,706 100,512 131,525 23,188 47,481
07 08	Total.  Metallic ores mining.  Coal mining.  Crude petroleum and natural gas.  Nonmetallic minerals mining  CONSTRUCTION	147,562 10,739 26,917 97,623 12,283	163,793 12,879 22,973 112,799 15,143	137,176 11,394 22,787 87,491 15,505	43,527 -1,488 133 43,984 898	64,199 -1,921 306 64,550 1,263	47,469 -1,300 325 47,240 1,204	191,196 9,275 27,053 141,712 13,156	227,987 10,945 23,237 177,546 16,259	184,258 10,062 22,697 134,802 16,698
11 12	Total	679,330 456,949 222,381	944,308 640,725 303,583	1,006,179 696,617 309,562				679,330 456,949 222,381	944,308 640,725 303,583	1,006,179 696,617 309,562
14 14 15 16 16 17 18 19 20+21 22+23 24 26 26 27 27 27 28 29 30 31 32 33+34 36 36 37 37 36 40 41 42 43 44+45 46 47 48 49 55 55	Total	2,890,437 22,217 408,757 40,147 37,528 68,637 21,021 87,127 42,849 98,497 31,743 19,895 81,202 113,359 17,850 50,944 62,321 40,557 14,379 149,831 111,813 9,538 17,981 39,538 49,050 34,564 56,518 17,895 30,946 8,290 27,046 20,218 29,678 24,946 62,088 24,946 62,088 25,801 28,574 66,580 21,818 29,678 24,946 62,088 25,801 28,574 66,833	3,807,147 18,827 485,921 41,558 44,147 21,552 71,751 117,788 60,223 114,078 38,413 24,336 98,353 149,330 24,613 67,749 85,355 52,380 18,346 175,401 156,843 9,532 22,613 62,304 102,368 87,421 13,021 71,140 52,688 78,094 44,588 53,075 13,945 54,588 78,094 44,588 78,094 44,588 78,094 44,588 78,094 44,588 78,094 44,588 78,094 44,588 78,094 44,588 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094 78,094	3,871,789 19,178 493,653 46,206 44,267 22,613 66,520 27,692 119,168 65,126 116,303 41,730 25,053 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,513 100,5	485,599 809 21,850 1,587 4,397 1,879 38,484 6,026 10,7715 247 199 1,783 14,375 2,330 3,827 13,193 2,052 2,052 11,582 13,253 12,824 2,159 4,551 10,893 10,228 2,011 1,008 2,628 8,510 2,413 4,754 1,468 5,127 5,881 1,796 1,895 32,687 2,243 5,295 32,687	769,466 1,075 28,225 1,411 5,349 2,481 56,319 4,505 11,330 11,354 15,056 520 222 22,147 7,283 26,766 3,019 13,656 20,071 17,976 3,698 8,137 18,392 2,059 2,751 14,631 3,688 9,919 2,949 10,982 9,782 12,505 2,587 68,245 3,253 9,492 6,151	828,893 817 30,188 1,068 5,456 2,683 62,541 5,140 14,996 13,662 16,176 565 237 3,031 22,028 3,659 7,612 31,473 3,280 3,853 3,853 21,521 18,382 3,853 21,913 19,557 296 2,523 3,8659 10,202 4,490 11,273 3,665 11,724 10,248 12,896 2,768 71,783 3,6656 10,343 3,6566 10,343 3,6656 10,343	3,372,470 24,881 430,457 39,597 41,448 19,843 103,224 23,421 93,607 48,690 108,441 31,713 20,156 82,232 127,005 20,333 54,532 127,005 20,333 14,537 161,367 124,071 12,031 19,955 47,038 85,154 75,433 13,429 50,168 86,975 64,961 20,492 21,523 25,423 9,799 32,155 26,205 37,554 26,900 96,016 27,879 33,792 21,001	4,538,054 20,673 512,209 41,250 49,550 23,863 124,639 31,268 130,466 71,574 128,036 38,609 24,681 99,669 170,720 27,406 74,491 109,561 55,009 18,654 188,880 175,471 27,203 26,012 69,356 118,840 105,008 13,227 72,426 55,184 91,900 28,469 60,911 16,777 50,965 42,951 16,772 39,001 164,058 39,425 49,163 39,425 49,163	4,658,989 19,873 522,498 45,148 49,367 25,123 126,953 32,425 132,853 78,187 131,502 41,880 25,325 102,453 126,064 52,988 19,119 152,387 180,892 26,192 16,193 176,038 122,137 105,153 13,519 76,038 122,137 105,153 13,519 78,733 13,519 78,733 13,519 78,733 13,519 78,733 13,519 78,733 14,710 152,137 165,335 18,676 19,111 10,111 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,511 11,51

Table B.—Commodity Output, Imports, and Total Consumption, 1992, 1997, and 1998—Continued [Millions of dollars]

Commodity	Decadeding		Output			Imports		To	otal consumption	on
number	Description	1992	1997	1998	1992	1997	1998	1992	1997	1998
	MANUFACTURING—Continued									
56 57 58 59A 59B 60 61 62 63	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 vehicle parts Aircraft and parts Other transportation equipment Scientific and controlling instruments Ophthalmic and photographic equipment. Miscellaneous manufacturing	19,055 50,981 73,298 21,103 149,684 81,258 102,154 29,907 107,915 22,745 39,450	25,059 89,145 143,250 27,685 221,259 129,174 102,433 41,688 123,806 22,644 49,696	26,933 91,799 137,134 27,477 230,676 135,108 129,376 44,133 133,097 20,721 50,585	4,985 25,409 20,574 8,062 58,285 21,743 12,153 2,693 14,773 8,153 23,335	7,332 35,181 43,947 11,958 87,956 31,780 15,475 4,651 21,696 11,176 32,905	7,785 40,509 42,249 12,505 93,073 33,520 20,384 5,958 23,986 10,756 36,292	23,899 76,016 93,923 29,314 206,855 103,221 122,318 32,898 122,916 30,530 62,020	32,262 123,244 185,465 39,448 306,946 160,379 116,608 45,577 145,376 33,347 82,040	34,373 129,909 179,072 39,618 322,570 167,938 141,056 49,409 156,151 31,102 85,353
	TRANSPORTATION, COMMUNICATION, AND UTILITIES									
65B 65C 65D 65E 66	Total 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	932,030 62,058 157,110 34,347 98,819 28,966 205,941	1,231,397 78,362 211,866 37,136 137,175 37,648 314,228	1,281,700 79,667 230,207 38,469 142,881 39,469 343,786	7,932 164 2,059 -3,530 8,544	14,026 194 1,985 -4,038 14,786	15,367 199 1,910 -4,658 16,789	939,006 62,087 158,540 30,781 107,226 28,958 205,941	1,244,152 78,371 212,908 33,089 151,817 37,658 314,228	1,295,817 79,624 231,279 33,802 159,536 39,502 343,786
67 68A	Radio and TV broadcasting	2,674 195,695	5,180 232,885	5,576 230,091	695	1,100	1,126	2,674 196,390	5,180 233,984	5,576 231,217
68B	Gas production and distribution—utilities	96,155 50,265	111,176 65,740	103,121 68,432				96,144 50,265	111,177 65,740	103,063 68,432
	WHOLESALE AND RETAIL TRADE	,								,
	Total	1,095,148 568,970 526,178	1,499,166 804,290 694,876	1,556,267 812,459 743,808	-18,317 -18,317	–19,617 –19,617	-19,586 -19,586	1,074,173 547,995 526,178	1,473,476 778,600 694,876	1,531,554 787,746 743,808
	FINANCE, INSURANCE, AND REAL ESTATE									
70B	Total	1,639,416 390,774 231,654	2,309,627 639,350 337,367	2,508,344 729,281 344,595	1,412 265 1,136	6,551 889 5,646	9,896 891 8,987	1,640,828 391,039 232,790	2,316,178 640,239 343,012	2,518,240 730,171 353,582
71A 71B	Owner-occupied dwellings	457,250 559,738	591,837 741,073	631,659 802,810	11	16	18	457,250 559,749	591,837 741,089	631,659 802,828
	SERVICES									
72B	Total	2,388,808 58,936 92,016	3,390,222 77,855 119,364	3,672,717 82,286 127,143	4,027	6,880	8,322	2,392,872 58,936 92,016	3,396,784 77,855 119,364	3,681,014 82,286 127,143
73B	Computer and data processing services, including own-account software Legal, engineering, accounting, and related services	152,744 252,597	305,384 338,350	362,292 370,311	225 839	497 1,626	596 1,796	153,010 253,436	305,568 339,977	362,868 372,107
73C	Other business and professional services, except medical	332,385 138,530	533,214 186,963	600,791 198,947	1,632 615	2,449 1,361	3,750 1,254	334,017 139,145	535,663 188,324	604,541 200,201
74	Eating and drinking places	282,017 164,408	357,943 251,976	374,737 264,812	6	3	6	282,017 164,410	357,943 251,974	374,737 264,813
76	Amusements Health services	122,937 564,607	190,881 726,052	204,820 763,827	248 13	371	344 10	123,185 564,620	191,252 726,060	205,164 763,837
77B	Educational and social services, and membership organizations	227,631	302,241	322,753	449	564	566	228,080	302,805	323,319
	SPECIAL INDUSTRIES									
78	Total	849,031 50,200	1,063,264 74,750	1,117,626 80,223	92,856	126,559	133,584	948,340 50,200	1,176,821 74,750	1,227,800 80,223
79	State and local government enterprises Noncomparable imports	30,162	43,561	44,746	90,036	120,721	127,801	30,162 90,036	43,561 120,721	44,746 127,801
81	Scrap, used and secondhand goods. General government industry.	2,175 764,389	1,542 920,196	2,597 954,171	2,746	5,797	5,748	3,392 764,389	5,088 920,196	6,473 954,171
83	Rest of world adjustment to final uses	10.087	12,464	14,351	74	40	35	764,369 74 10,087	40 12,464	35 14,351
85 85	Household industry	-7,982	10,751	21,538				10,087	12,404	14,351

Note.—Total consumption of commodities is equal to commodity output plus imports less the change in private inventories. The change in private inventories is not shown separately in this table.

Table C.—Commodity Consumption by Major Sector 1992, 1997, and 1998 [Millions of dollars]

Description   Description   Description   Description   September   Septembe											Final use	es .					
## ACROUNTING POSTRY, AND ## ACROUNTING POST		Description	Total int	termediate in	put use				Gross pr	ivate fixed i	nvestment				Govern expenditure	ment consu s and gross	mption investment
ADMINISTRATION   197,00			1992	1997	1998	1992	1997	1998	1992	1997	1998	1992	1997	1998	1992	1997	1998
District and methods products			4,555,250	6,385,588	6,650,777	4,208,718	5,529,283	5,856,029	851,785	1,327,654	1,465,618	602,609	901,651	895,637	1,265,199	1,487,901	1,538,494
Diseased and Reschools products   19,869   977, 20   907, 30   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   709   7																	
Description of the production of the productio	01	Total		253,487	245,564	27,054	34,735 4 308						23,495	19,563			
April	02	Other agricultural products	71,142	97,925	88,898	19,531	25,025	24,672				16,116	20,223	16,666	582	1,125	1,289
Minimax   183,006   279,446   176,417   107   105   105   73   1,18   656   8,207   2755   6,80   -272   -127   -272   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273   -273		Agricultural, forestry, and fishery															
6-15   Meallic ores mining   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4   1-4				21,122	,			.,							1,120	_,	_,,,,,,
Security performance and natural gas   136 cold   174,357   131,468   39   50   50   50   50   50   73   74   78   75   73   75   76   64   37   76   76   77   74   78   75   75   75   76   75   75   75   76   75   75	05+06	Metallic ores mining	8,268	8,973	8,603							1,104	1,306	1,025	-147	-282	-293
Total   Property   P	08	Crude petroleum and natural gas	138,601	174,357	131,408					189	229	3,290	3,322	3,173	-202	-321	-8
1   New construction, including one-   1   New Construction, including one-   2   2   2   2   2   2   2   2   2   2	09+10	· ·	12,371	15,361	15,881	39	50	50				686	783	730	60	64	37
2 Manufacture and repair construction	11	Total	159,618	215,556	218,971				360,278	521,520	577,089	77	74	78	159,357	207,157	210,040
modeling own-account construction   159,446   215/2   216,700		account construction	170	340	271				339,916	488,457	542,027				116,863	151,928	154,318
Total Containce and accessories	12	including own-account construction	159,448	215,216	218,700				20,362	33,063	35,062	77	74	78	42,494	55,229	55,722
13 Ordnance and accessories			1,639,510	2,224,050	2,260,269	842,150							527,893	523,300			210,188
Broad and narrow fabrics, year and   37,127   43,804   43,488   1,683   1,898   1,998   2,359   3,208   3,307   279   640   674   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175   175	14	Ordnance and accessories Food and kindred products	153,699	190.896	193,067	248,010	282,777	290,997			241	19,630	27,513	26,701	9,118	11,023	11,733
Miscellaneous teatile goods and floor   10,076   11,955   12,673   5,779   1,0626   7,794   2,732   2,003.56   1,724   2,321   2,280   12,771   1,705   1,0506   1,0628   17,179   1,184   1,079   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1,184   1		Broad and narrow fabrics, yarn and															
Reparel	17	Miscellaneous textile goods and floor															
Description		Apparel		11,954 17,179	16,114	5,578 80,934							8,234	2,280 8,454			
22-22 Furniture and fixturies.  5.479   10.408   11.900   21.623   29.643   33.714   16.091   23.332   24.313   2.633   3.666   4.303   2.864   4.326   4.498   24 Paper and allied products. except containers.  8.0994   94.802   99.714   3.911   16.655   16.342   26   10.208   10.208   10.208   10.208   10.208   26   27.008   10.208   10.208   10.208   27.008   27.008   10.208   10.208   28   27.008   10.208   10.208   28   27.008   10.208   10.208   28   27.008   10.208   10.208   29   20.208   20.208   20.208   29   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20.208   20		products				11,189 2,529		16,506 3,264	4 661	9 921	10.846				652 207		
containers — 80,994 94,820 98,734 14,921 16,625 16,342 — 8,667 11,582 10,885 3,959 5,010 5,566 27 12,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10	22+23	Furniture and fixtures	5,479	10,408	11,900	21,623	29,643	33,174	16,091	23,332	24,313		3,865				4,498
268   Other printing and publishing		containers Paperboard containers and boxes	30,352	36,560	39,714	381	383	470				691	1,304	1,319	289	363	5,566 377
288   Agricultural ferilizers and chemicals   15,445   20,695   19,688   920   1,430   2,627	26B	Other printing and publishing	56,500	64,585	65,506	15,282	21,669	23,156				2,984	3,635	3,685	7,466	9,780	10,106
29A Drugs	27B	Agricultural fertilizers and chemicals	15,545	20,695	19,688	2,154 920	2,170 1,430					3,341	4,638	4,723	527	642	662
30 Paints and allied products. 12,894   15,609   15,909   480   645   648	29A	Drugs	17,620	28.240	33,858	43,864		73,132				7,272	10,384	11,098	5,466	7,764	7.976
22   Rubber and miscellaneous plastics   99,363   139,287   143,817   15,051   20,302   20,739   215   335   351   6,905   11,932   12,234   2,537   3,616   3,752   3,752   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753   3,753	30	Paints and allied products	12,894	15,609	15,999	480	645	618				745	1,185	1,209	418	1,214	1,293
33-34 Footwear, leather, and leather products   3.871		Rubber and miscellaneous plastics															
Stone and clay products   42,481   63,039   69,714   2,570   3,432   3,569		Footwear, leather, and leather products	3,871	4,730	4,632	16,491	20,320	20,116				1,464	1,863	1,799	205	290	307
manufacturing   68,611   94,237   94,933   71   78   77   52   70   67   6,379   10,214   9,667   320   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   409   40	36 37	Stone and clay products Primary iron and steel manufacturing	42,481	63,039	69,714	2,570	3,432	3,569			47	1,713	2,455	2,324	274	429	431
Heating, plumbing, and fabricated structural metal products.  43,481		manufacturing		94,237		71	78	77				6,379	10,214		320		
41 Screw machine products and stampings 33,140 51,437 52,408 1,345 1,933 1,912 2,171 1,492 2,728 319 322 331 225 0.787 2,841 43 Engines and turbines 10,279 13,972 16,257 169 222 226 3,271 3,656 4,364 5,419 9,890 9,359 1,354 729 768 44+45 Farm, construction, and mining machinery 6,049 6,693 7,475 400 258 496 17,803 36,096 39,916 9,002 14,979 14,200 2,169 2,885 3,248 44 Materials handling machinery and equipment 2,674 4,393 5,185 5,743 10,017 11,180 1,302 2,284 2,223 80 83 88 47 Metalworking machinery and equipment 4,224 6,732 7,042 237 231 225 16,820 27,042 28,213 4,510 8,624 6,892 414 322 338 496 General industrial machinery and equipment 4,224 6,732 7,042 237 231 225 16,820 27,042 28,213 4,510 8,624 6,892 414 322 338 496 General industrial machinery and equipment 17,643 22,406 23,807 11,300 17,066 16,973 7,834 12,403 11,392 777 898 941 50 Miscellaneous machinery, except electrical 22,989 33,031 33,645 136 120 120 700 832 854 1,962 4,033 4,036 1,113 986 1,503 51 Computer and office equipment 24,759 39,902 46,465 5,368 11,375 12,869 36,169 64,375 67,317 22,925 40,337 37,791 6,795 8,069 7,840 52 Service industry machinery 14,939 21,846 22,665 910 1,150 1,162 7,376 10,000 10,539 3,320 5,238 5,221 1,334 1,191 1,238 51 Electrical industrial equipment 2,658 4,325 4,474 13,100 15,956 17,421 2,668 3,425 3,774 2,292 4,033 4,036 1,508 1,508 1,508 51 Electrical industrial equipment 17,691 24,035 25,982 2,023 2,149 2,171 2,83 288 315 2,839 4,522 19,890 8,253 11,639 10,126 64 4,004 4,004 48,634 9,551 19,555 19,890 8,253 11,639 10,126		Heating, plumbing, and fabricated						400									
43 Engines and turbines		Screw machine products and stampings	33,140	51,437	52,408	1,345	1,933	1,912				2,171	1,492	2,728	319	322	331
## Adh Materials handling machinery and equipment	43	Engines and turbines	10,279	13,972	16,257	169		226		3,656			9,890	9,359			
equipment.		machinery	6,049	6,693	7,475	400	258	496	17,803	36,096	39,916	9,002	14,979	14,200	2,169	2,885	3,248
49 General industrial machinery and equipment	47	equipment Metalworking machinery and equipment			5,185 13,908		1,091	1,340			11,180 30,195	1,302 3,686	2,284 6,139	2,223 6,017			
equipment		equipment	4,224	6,732	7,042	237	231	225	16,820	27,042	28,213	4,510	8,624	6,892	414	322	338
Electrical industrial equipment and apparatus.   21,175   31,026   31,743   200   269   277   6,826   9,505   10,654   4,083   6,479   6,356   1,508   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805   1,805		equipment	17,643	22,406	23,807				11,300	17,066	16,973	7,834	12,403	11,392	777	898	941
52 Service industry machinery		electrical	22,989	33,031						832 64 375	854 67 317	1,962		4,036 37 701	1,113		
apparatus	52	Service industry machinery	14,939	21,846	22,665	910	1,150			10,000	10,539	3,320	5,238	5,221	1,334	1,191	1,238
55 [Electric lighting and wiring equipment   17,691   24,035   25,982   2,023   2,149   2,171   283   288   315   2,839   4,522   4,594   1,063   1,269   1,310   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2,000   2	54	apparatusHousehold appliances	2,658	4,325	4,474	13,100	15,956		2,668			2,329	3,055	2,947	246		282
equipment	55	Electric lighting and wiring equipment Audio, video, and communication	17,691	24,035	25,982	2,023	2,149	2,171	283	288	315	2,839	4,522	4,594	1,063	1,269	1,310
			12,017 75,400	21,231 144,815	23,314 139,150	21,682 216	26,825 245	27,945 252	24,513	44,024	48,634	9,551 16,150	19,525 39,093	19,890 38,422	8,253 2,157	11,639 1,312	10,126 1,247

**Table C.—Commodity Consumption by Major Sector 1992, 1997, and 1998**—Continued [Millions of dollars]

-					Final uses											
Commodity number	Description	Total i	ntermediate	input use	Perso	onal consum expenditures	ption	Gross pri	vate fixed in	vestment	Ex	ports of goo and services	ds		nment consu	
		1992	1997	1998	1992	1997	1998	1992	1997	1998	1992	1997	1998	1992	1997	1998
	MANUFACTURING—Continued															
58 59A	Miscellaneous electrical machinery and supplies Motor vehicles—passenger	13,375	17,956	18,281	6,298	8,196	8,843	2,058	2,516	2,785	5,702	8,817	7,701	1,881	1,962	2,008
59A 59B	cars and trucks Truck and bus bodies, trailers,	1,844	2,747	2,477	105,552	131,931	140,843	75,132	137,584	145,479	16,336	25,125	23,672	7,991	9,559	10,099
60 61	and motor vehicle parts Aircraft and parts Other transportation equipment	74,459 29,930 3,092	114,268 27,310 4,604	119,401 33,433 4,739	4,277 465 11,958	5,728 219 17,128	6,442 322 18,508	4,981 13,676 4,741	8,963 13,838 10,644	10,944 20,045 11,905	16,995 40,656 3,354	28,633 48,545 4,388	28,250 59,631 4,925	2,509 37,591 9,753	2,787 26,696 8,813	2,901 27,626 9,332
62 63	Scientific and controlling instruments  Ophthalmic and photographic	25,540	34,869	38,546	5,479	6,487	8,049	43,637	54,616	59,230	17,864	28,631	29,163	30,396	20,773	21,163
64	equipment	9,589 13,526	8,967 15,807	7,705 16,638	6,240 36,410	7,815 49,611	7,685 53,099	6,915 5,365	7,746 7,299	7,464 7,805	3,453 4,427	4,322 6,623	4,070 6,032	4,333 2,292	4,497 2,701	4,178 1,779
65A	Total Railroads and related services; passenger ground	501,698	668,796	695,452	313,170	418,531	437,478	11,717	16,523	17,996	54,322	69,732	70,106	58,099	70,569	74,784
65B	transportation	32,452	40,100	40,085	19,504	25,156	26,601	957	1,278	1,301	3,973	5,349	5,076	5,201	6,488	6,562
65C 65D 65E	and warehousing Water transportation Air transportation	110,656 12,771 39,502	151,259 14,552 58,626	165,264 15,779 63,224	25,965 6,249 36,404	33,873 6,081 52,422	36,578 6,440 56,033	4,138 18 1,539	5,837 6 2,519	6,503 7 2,684	10,161 9,695 23,317	14,754 10,243 30,591	15,211 9,420 29,726	7,620 2,048 6,464	7,186 2,208 7,659	7,723 2,156 7,869
66	and related services	22,544	29,961	31,524	3,474	4,326	4,482				2,700	3,090	3,125	240	281	372
67	and TVRadio and TV broadcasting	95,074 835	150,284 1,747	166,320 1,827	90,397 1,839	134,243	144,911 3,750	5,065	6,884	7,501	3,596	4,931	6,612	11,809	17,887	18,441
68A 68B	Electric services—utilities Gas production and distribution—utilities	98,868 61,944	117,390 69,097	110,788 64,744	79,337 29,537	93,742 36,565	96,346 32,546				267 548	283 428	453 420	17,918 4,115	22,569 5,087	23,631 5,353
68C	Water and sanitary services WHOLESALE AND RETAIL TRADE	27,052	35,780	35,898	20,464	28,692	29,793				65	63	64	2,684	1,205	2,677
69A 69B	Total Wholesale trade Retail trade	320,451 280,569 39,882	448,860 394,971 53,889	453,157 394,484 58,673	629,893 158,445 471,448	823,726 206,570 617,156	873,411 213,698 659,713	62,525 48,167 14,358	106,057 82,260 23,797	112,475 87,088 25,387	44,746 44,726 20	73,343 73,311 32	70,298 70,264 33	16,558 16,088 470	21,491 21,489 2	22,215 22,213 2
	FINANCE, INSURANCE, AND REAL ESTATE															
70A 70B	Total	584,145 163,754 90,095	886,148 288,601 146,682	987,627 343,557 151,107	960,078 198,007 138,181	1,280,702 304,148 189,765	1,369,009 336,268 196,833	28,407	43,539	51,135	39,510 17,142 1,685	69,079 30,822 3,515	73,154 33,197 3,246	28,688 12,136 2,829	36,709 16,669 3,050	37,315 17,150 2,397
71A 71B	Owner-occupied dwellings Real estate and royalties SERVICES	330,296	450,865	492,963	457,250 166,640	591,837 194,952	631,659 204,249	28,407	43,539	51,135	20,683	34,742	36,711	13,723	16,991	17,769
72A 72B	Total Hotels and lodging places Personal and repair services—	870,832 27,260	1,324,207 36,057	1,458,335 38,642	1,413,094 29,881	1,893,544 40,071	2,010,510 41,874	80,020	139,971	166,967	19,530 48	35,226 114	38,456 120	9,397 1,747	3,836 1,613	6,745 1,649
73A	except auto	23,579	30,108	31,528	65,602	85,560	91,759				42	74	78	2,793	3,622	3,777
73B	account software Legal, engineering, accounting,	50,237	120,766	142,963	2,444	8,476	10,252	64,235	120,335	145,416	3,092	4,406	4,571	33,003	51,585	59,666
73C	and related services Other business and professional services, except	179,136	245,113	269,804	45,781	56,367	60,186	15,785	19,636	21,552	5,013	8,542	9,694	7,721	10,318	10,872
73D	Medical	271,050 136,364 41,383	453,549 184,119 47,969	518,753 196,008 47,178	20,917 676 242,151	28,581 1,053 311,168	31,190 1,090 329,080				5,677 531 328	9,086 921 710	9,811 774 739	36,373 1,574 –1,845	44,447 2,231 –1,905	44,787 2,329 –2,260
75	Eating and drinking places Automotive repair and services Amusements	70,073 41,927	99,065 66,266	104,016 69,355	90,099 78,466	146,108 117,315	153,378 127,297				34 4,289	1,183 9,380	1,591 10,274	4,204 -1,497	5,618 -1,709	5,829 -1,762
77A	Health services Educational and social services, and membership	13,484	15,923	17,783	611,328	798,000	838,616				26	204	227	-60,218	-88,067	-92,790
	organizationsSPECIAL INDUSTRIES	16,339	25,272	22,303	225,749	300,845	325,789				450	607	577	-14,458	-23,918	-25,350
78 79	Total Federal Government enterprises State and local government	98,369 39,448	145,037 61,052	154,986 66,367	23,172 6,881	43,894 8,511	52,864 8,731	-30,293	-46,033	-48,174	73,385 188	95,055 273	93,720 290	783,707 3,683	938,868 4,914	974,404 4,835
80	enterprises Noncomparable imports	6,810 44,964	10,107 66,110	10,628 69,413	22,489 33,009	32,220 43,989	32,842 47,744							863 12,063	1,234 10,623	1,277 10,644
81 82	Scrap, used and secondhand goods General government industry	7,147	7,768	8,579	17,187	34,555	35,726	-30,293	-46,033	-48,174	5,872	6,075	6,057	3,479 764,389	2,724 920,196	4,286 954,171
83 84	Rest of world adjustment to final uses				-66,481 10,087	-87,844 12,464	-86,530 14,351				67,325	88,707	87,374	-770	-823	-809
85	Inventory valuation adjustment															

Note.—Total consumption is defined as total domestic commodity output plus imports less change in private inventories, and it is equal to the sum of total intermediate use, personal consumption expenditures, gross private fixed investment, exports, and government purchases.

Table D.—Total Consumption Growth Rates and Shares by Major Commodity Group, 1992–98

	•		, ,	,	• •			
Commodity		Total consumption		Average annual r consumptio	rate of growth of on (percent)	Share of total commodity consumption (percent)		
•	1992	1997	1998	1992–98	1997–98	1992	1998	
All commodities	11,487,126	15,632,077	16,406,556	6.1	5.0	100.0	100.0	
Goods commodities	4,491,907	6,024,667	6,152,131	5.4	2.1	39.1	37.5	
Agriculture, forestry, and fisheries	245,345	314,319	302,706	3.6	-3.7	2.1	1.8	
Mining	191,196	227,987	184,258	-0.6	-19.2	1.7	1.1	
Construction	679,330	944,308	1,006,179	6.8	6.6	5.9	6.1	
Manufacturing	3,376,036	4,538,054	4,658,989	5.5	2.7	29.4	28.4	
Services commodities	6,995,219	9,607,410	10,254,425	6.6	6.7	60.9	62.5	
Transportation, communication, and utilities	939,006	1,244,152	1,295,817	5.5	4.2	8.2	7.9	
Wholesale and retail trade	1,074,173	1,473,476	1,531,554	6.1	3.9	9.4	9.3	
Finance, insurance, and real estate	1,640,828	2,316,178	2,518,240	7.4	8.7	14.3	15.3	
Services	2,392,872	3,396,784	3,681,014	7.4	8.4	20.8	22.4	
Special industries	948,340	1,176,821	1,227,800	4.4	4.3	8.3	7.5	

Table E.—Commodities with Fastest Growing Consumption, 1992–98

		Concumution	Percent of total	Avera	ge annual rate of	growth of consum	ption
Commodity number	Description	Consumption (millions of dollars)	commodity	1992	2–98	1997	-98
		donarsy	oonsampaon	Percent	Rank	Percent	Rank
	New construction, including own-account construction	696,617	4.2	7.3	11	8.7	14
	Rubber and miscellaneous plastics products	180,892	1.1	6.5	15	3.1	51
51	Computer and office equipment	172,283	1.1	10.2	5	5.0	41
	Electronic components and accessories		1.1	11.4	2	-3.4	83
	Motor vehicles (passenger cars and trucks)	322,570	2.0	7.7	10	5.1	39
59B	Truck and bus bodies, trailers, and motor vehicles parts	167,938	1.0	8.5	8	4.7	43
65B	Motor freight transportation and warehousing	231,279	1.4	6.5	16	8.6	16
	Air transportation		1.0	6.8	13	5.1	40
66	Communications, except radio and TV	343,786	2.1	8.9	6	9.4	10
69A	Wholesale trade	787,746	4.8	6.2	18	1.2	69
70A	Finance	730,171	4.5	11.0	3	14.0	4
70B	Insurance	353,582	2.2	7.2	12	3.1	52
71B	Real estate and royalties	802,828	4.9	6.2	19	8.3	19
73A	Computer and data processing services, including own-account software	362,868	2.2	15.5	1	18.8	2
73B	Legal, engineering, accounting, and related services	372,107	2.3	6.6	14	9.5	8
73C	Other business and professional services, except medical	604,541	3.7	10.4	4	12.9	5
	Advertising	200,201	1.2	6.3	17	6.3	31
	Automotive repair and services	264,813	1.6	8.3	9	5.1	38
	Amusements	205,164	1.3	8.9	7	7.3	23

Commodity	Description	19	98	Average an growth of consu	nual rate of mption (percent)	1998 Backward
number	bescription	Investment (millions of dollars)	Percent of total investment	1992–98	1997–98	linkage
11 12 22+23 44+45 47 48 49 51 56 59A 60 62 69A 69B	Total	24,313 39,916 30,195 28,213 16,973 67,317 48,634 145,479 20,045 59,230 87,088	100.0 94.7 37.0 2.4 1.7 2.1 1.9 1.2 4.6 3.3 9.9 1.4 4.0 5.9	9.5 9.5 8.1 9.5 7.1 14.4 9.0 7.0 10.9 12.1 11.6 6.6 5.2 10.4	10.4 10.3 11.0 6.0 4.2 10.6 2.9 4.3 -0.5 4.6 10.5 5.7 44.8 8.8 4.9 6.7	2.056 2.052 2.040 2.053 2.079 1.832 2.034 1.943 2.656 2.285 2.823 1.978 1.874 1.596
71B 73A	Real estate and royalties Computer and data processing services, including own-account software	51,135 145,416	3.5 9.9	10.3	17.4 20.8	1.430
73B	Legal, engineering, accounting, and related services		1.5 5.3	5.3 8.4	9.8 12.1	1.547 2.094

Note.—The backward linkage for a commodity represents the total output required from all industries to supply \$1 of final demand for that commodity.

Consumption of investment commodities, a component of final demand, increased at an average annual growth rate of 9.5 percent in 1992-98, and it grew 10.4 percent in 1998 (table F). Aircraft grew much faster in 1998, at 44.8 percent, than its average annual growth rate of 6.6 percent in 1992– 98 and its 1992–97 rate of 0.2 percent. Real estate and royalties grew 17.4 percent in 1998, compared with 10.3 percent in 1992-98; computer and data processing grew 20.8 percent, compared with 14.6 percent; and new construction grew 11.0 percent, compared with 8.1 percent. In contrast, general industrial machinery declined 0.5 percent in 1998, compared with an average annual growth rate of 7.0 percent in 1992–98; computer and office equipment grew 4.6 percent, compared with 10.9 percent; and motor vehicles (passenger cars and trucks) grew 5.7 percent, compared with 11.6 percent.

Changes in investment demand have a substantial impact on the output of many industries because of the large backward linkages that are typical of capital goods production. Many of the investment commodities have backward linkages that exceed 2.0, indicating that an increase in the demand for these commodities will result in a doubling of production across all industries. For example, in 1998, a \$4.6 billion increase in the demand for audio, video, and communication equipment resulted in a \$10.5 billion increase in production across all industries.

Changes in the intermediate consumption of

commodities—commodities consumed by businesses in order to produce their output—were dominated by continued strong growth in the demand for business services. In 1998, intermediate consumption of these services—which are frequently associated with outsourcing—grew 12.4 percent, almost five times faster than intermediate consumption of all other commodities. Within business services, intermediate consumption of "computer and data processing services, including own-account software" grew 18.4 percent, "other business and professional services, except medical" grew 14.4 percent, and "legal, engineering, accounting, and related services" grew 10.1 percent (table G).

Table G.—Growth Rates for Business Services, 1992-98

Commodity number	Description	1998 Intermediate consumption (millions of	rate of g	e annual rowth of mption cent)
		dollars)	1992–98	1997–98
73A	Computer and data processing services, including own-account software	142,963	19.0	18.4
73B	Legal, engineering, accounting, and related services	269,804	7.1	10.1
73C	Other business and professional services, except medical	518,753	11.4	14.4

Growth in the demand for PCE commodities, a component of final demand, continued at about the same rate in 1998 as in 1992–98. The growth was primarily in services commodities, which account for most of PCE and which generally grow faster than the average for all commodities in PCE (table H). Most commodities grew at approxi-

Table H.—Growth and Composition of Commodities Used for Personal Consumption, 1992–98

Commodity	Description	19	98	Average and growth of consu	1998 Backward	
number	bescription	Consumption (millions of dollars)	Percent of total consumption	1992–98	1997–98	linkage
14 18 29A 59A 65D 66 68A 69A 70A 71B 71A 71B 73B 74 75 76 77A	Total Largest commodities Food and kindred products Apparel Drugs Motor vehicles (passenger cars and trucks). Air transportation Communications, except radio and TV Electric services (utilities) Wholesale trade Retall trade Finance Insurance Owner-occupied dwellings Real estate and royalties Personal and repair services (except auto) Legal, engineering, accounting, and related services Eating and drinking places Automotive repair and services. Health services Educational and social services, and membership organizations All other commodities	290,997 100,336 73,132 140,843 56,033 144,911 96,346 213,698 659,713 336,268 196,833 631,659 204,249 91,759 60,186	100.0 86.6 5.0 1.7 1.2 2.4 1.0 2.5 1.6 3.6 11.3 5.7 3.4 10.8 3.5 1.0 5.6 6.2 6.2 2.2 14.3 5.6	5.7 5.7 2.7 3.6 8.9 7.5 8.2 3.3 5.1 5.8 9.2 6.1 5.5 3.4 4.7 5.2 9.3 8.4 6.3 6.3	5.9 6.2 2.9 3.1 15.8 6.9 7.9 2.8 3.5 6.9 10.6 3.7 6.7 4.8 5.8 5.0 8.5 5.1 8.3	1.782 1.765 2.626 2.529 1.747 2.823 1.865 1.777 1.668 1.557 1.724 2.074 1.255 1.430 1.685 1.574 2.046 1.895 1.724 1.695

Note.—The backward linkage for a commodity represents the total output required from all industries to supply \$1 of final demand for that commodity.

mately the same rates in 1998 as in 1992–98, but several did not. The growth rate of drugs in 1998, at 15.8 percent, was almost twice the 8.9-percent growth rate in 1992–98, and the growth rate of motor vehicles (passenger cars and trucks) was 6.8 percent, compared with 4.9 percent. In contrast, the growth rate of automotive repair services in 1998, at 5.0 percent, was about half the 9.3-percent growth rate in 1992–98, and the growth rate of insurance was 3.7 percent, compared with 6.1 percent

The backward linkages for PCE commodities vary; the demand for goods generally has larger linkages, usually greater than 2.0, and the demand for services generally has smaller linkages, usually less than 2.0. In 1992–98, the commodities that grew the fastest—mainly services—tended to have lower backward linkages, so the impact on the other industries of the growth in demand for consumer spending on these commodities was not as

great as the impact of the growth in demand for investment commodities.

#### **Data Availability**

The estimates for 94 industries, 97 commodities and 11 categories of final demand at the input-output (I-O) two-digit level—including alternative estimates of the make and use tables on an approximate 1987 Standard Industrial Classification (SIC) basis—and a discussion of the matrix algebra underlying the derivation of the tables are available on BEA's Web site. Go to <www.bea.doc.gov>, click on "Gross product and input-output data," and look under "Input-Output data."

In early 2002, the data from the 1992 benchmark I-O accounts and the 1996, 1997, and 1998 annual I-O accounts will be available interactively on BEA's Web site. Users will be able to select data from any of the published tables.

The I-O two-digit estimates are also available on diskette for \$20—product number NDN-0291. To order, call the BEA Order Desk at 1-800-704-0415 (outside the United States, call 202-606-9666).

An appendix and tables 1, 2, and 5a follow.

#### 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
0.4		+04 +00	56	Audio, video, and communication equipment	365, 366
01	Livestock and livestock products	*01, *02	57	Electronic components and accessories	367
02	Other agricultural products	*01, *02	58	Miscellaneous electrical machinery and supplies	369
03	Forestry and fishery products		59A	Motor vehicles (passenger cars and trucks)	3711
		097	59B	Truck and bus bodies, trailers, and motor vehicles parts	3713–5
04	Agricultural, forestry, and fishery services	0254, *0279, 071,	60	Aircraft and parts	371, 3764, 3769
		072, 075, 076,	61	Other transportation equipment	3716, 373–5,
		078, 085, 092	"	Other transportation equipment	3792, 3799
	MININO		62	Scientific and controlling instruments	381, 382, 384,
	MINING		02	Scientific and controlling instruments	387
05+06	Metallic ores mining	101–6, *108, 109	63	Ophthalmic and photographic equipment	385, 386
07	Coal mining	121–3, *124	64	Miscellaneous manufacturing	39
08	Crude petroleum and natural gas	131, 132, *138	04	I wiscellaneous manufacturing	39
09+10	Nonmetallic minerals mining	141-7, *148, 149		TRANSPORTATION, COMMUNICATION, AND	
				UTILITIES	
	CONSTRUCTION				
11	New construction, including own-account construction	*108, *124, *138,	65A	Railroads and related services; passenger ground	
	Then conduction, moraling own account conduction	*148, *15, *16,		transportation	40, 41, 474
		*17, 6552	65B	Motor freight transportation and warehousing	42
12	Maintenance and repair construction, including own-	17, 0002	65C	Water transportation	44
12	account construction	*138, *15, *16,	65D	Air transportation	45
	account construction	*17	65E	Pipelines, freight forwarders, and related services	46, 472, 473, 478
		17	66	Communications, except radio and TV	481, 482, 484,
	MANUFACTURING			·	489
40		040 0704 0705	67	Radio and TV broadcasting	483
13	Ordnance and accessories		68A	Electric services (utilities)	491, 4931
14	Food and kindred products	20	68B	Gas production and distribution (utilities)	492, 4932, 4939
15	Tobacco products	21	68C	Water and sanitary services	494–7
16	Broad and narrow fabrics, yarn and thread mills			· ·	
17	Miscellaneous textile goods and floor coverings	227, 229		WHOLESALE AND RETAIL TRADE	
18	Apparel 225,	231–8	69A	Wholesale trade	50, 51
19	Miscellaneous fabricated textile products	239	69B	Retail trade	52–7, 59
20+21	Lumber and wood products	24		Trotal data	02 1, 00
22+23	Furniture and fixtures	25		FINANCE, INSURANCE, AND REAL ESTATE	
24	Paper and allied products, except containers		70A	Finance	60-2, 67 (exclud-
		267 265	100	I mando	ing 6732)
25	Paperboard containers and boxes	265	70B	Insurance	63, 64
26A	Newspapers and periodicals		71A	Owner-occupied dwellings	00, 04
26B	Other printing and publishing	273–9	71B	Real estate and royalties	65 (excluding
27A	Industrial and other chemicals	281, 286, 289	''5	Treal estate and royalites	6552)
27B	Agricultural fertilizers and chemicals	287			0002)
28	Plastics and synthetic materials			SERVICES	
29A	Drugs	283	72A	Hotels and ladging places	70
29B	Cleaning and toilet preparations			Hotels and lodging places  Personal and repair services (except auto)	72, 762–4
30	Paints and allied products	285	72B		12, 102-4
31	Petroleum refining and related products	29	73A	Computer and data processing services, including own-	737
32	Rubber and miscellaneous plastics products	30	700	account software	-
33+34	Footwear, leather, and leather products	31	73B	Legal, engineering, accounting, and related services	81, 871, 872, 89
35	Glass and glass products		73C	Other business and professional services, except	722 6 720 760
36	Stone and clay products	324–9		medical	732–6, 738, 769, 8731, 8732,
37	I I I women's seen and atom manufacturing		11		0/31.0/3/.
31	Primary iron and steel manufacturing				
		3462	700	Advortising	8734, 874
38	Primary nonferrous metals manufacturing	3462 333–6, 3463	73D	Advertising	8734, 874 731
38 39	Primary nonferrous metals manufacturing	3462 333–6, 3463	74	Eating and drinking places	8734, 874 731 58
38	Primary nonferrous metals manufacturing	3462 333–6, 3463 341	74 75	Eating and drinking places	8734, 874 731 58 75
38 39 40	Primary nonferrous metals manufacturing	3462 333–6, 3463 341 343, 344	74 75 76	Eating and drinking places	8734, 874 731 58 75 78, 79
38 39 40 41	Primary nonferrous metals manufacturing	3462 333–6, 3463 341 343, 344 345, 3465–9	74 75 76 77A	Eating and drinking places Automotive repair and services Amusements Health services	8734, 874 731 58 75
38 39 40 41 42	Primary nonferrous metals manufacturing	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349	74 75 76	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership	8734, 874 731 58 75 78, 79 074, 80
38 39 40 41	Primary nonferrous metals manufacturing	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349 351	74 75 76 77A	Eating and drinking places Automotive repair and services Amusements Health services	8734, 874 731 58 75 78, 79 074, 80 6732, 82–4, 86,
38 39 40 41 42	Primary nonferrous metals manufacturing	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349 351 352, 3531–3	74 75 76 77A	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership	8734, 874 731 58 75 78, 79 074, 80
38 39 40 41 42 43 44+45 46	Primary nonferrous metals manufacturing	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349 351 352, 3531–3 3534–7	74 75 76 77A	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations	8734, 874 731 58 75 78, 79 074, 80 6732, 82–4, 86,
38 39 40 41 42 43 44+45	Primary nonferrous metals manufacturing Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and stamping Other fabricated metal products Engines and turbines Farm, construction, and mining machinery Materials handling machinery and equipment Metalworking machinery and equipment	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349 351 352, 3531–3 3534–7 354	74 75 76 77A 77B	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations  SPECIAL INDUSTRIES	8734, 874 731 58 75 78, 79 074, 80 6732, 82–4, 86, 8733
38 39 40 41 42 43 44+45 46	Primary nonferrous metals manufacturing	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349 351 352, 3531–3 3534–7 354	74 75 76 77A 77B	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations  SPECIAL INDUSTRIES Federal Government enterprises	8734, 874 731 58 75 78, 79 074, 80 6732, 82–4, 86, 8733
38 39 40 41 42 43 44+45 46 47	Primary nonferrous metals manufacturing Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and stamping Other fabricated metal products Engines and turbines Farm, construction, and mining machinery Materials handling machinery and equipment Metalworking machinery and equipment	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349 351 352, 3531–3 3534–7 354 355 356	74 75 76 77A 77B 78 78	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations  SPECIAL INDUSTRIES Federal Government enterprises State and local government enterprises	8734, 874 731 58 75 78, 79 074, 80 6732, 82–4, 86, 8733
38 39 40 41 42 43 44+45 46 47 48	Primary nonferrous metals manufacturing	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349 351 352, 3531–3 3534–7 354 355 356	74 75 76 77A 77B 78 79 80	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations  SPECIAL INDUSTRIES Federal Government enterprises State and local government enterprises Noncomparable imports	8734, 874 731 58 75 78, 79 074, 80 6732, 82–4, 86, 8733
38 39 40 41 42 43 44+45 46 47 48 49	Primary nonferrous metals manufacturing	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349 351 352, 3531–3 3534–7 354 356 356 359	74 75 76 77A 77B 78 78	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations  SPECIAL INDUSTRIES Federal Government enterprises State and local government enterprises	8734, 874 731 58 75 78, 79 074, 80 6732, 82–4, 86, 8733
38 39 40 41 42 43 44+45 46 47 48 49 50 51	Primary nonferrous metals manufacturing Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and stamping 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	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349 351 352, 3531–3 3534–7 354 355 356 359 357	74 75 76 77A 77B 78 79 80	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations  SPECIAL INDUSTRIES Federal Government enterprises State and local government enterprises Noncomparable imports	8734, 874 731 58 75 78, 79 074, 80 6732, 82–4, 86, 8733
38 39 40 41 42 43 44+45 46 47 48 49 50 51 51	Primary nonferrous metals manufacturing Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and stamping 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	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349 351 352, 3531–3 3534–7 354 355 356 359 357 358	74 75 76 77A 77B 78 78 79 80 81	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations  SPECIAL INDUSTRIES Federal Government enterprises State and local government enterprises Noncomparable imports Scrap, used and secondhand goods	8734, 874 731 58 75 78, 79 074, 80 6732, 82–4, 86, 8733  (1) (1) (2) (3) (4) (5)
38 39 40 41 42 43 44+45 46 47 48 49 50 51	Primary nonferrous metals manufacturing Metal containers Heating, plumbing, and fabricated structural metal products Screw machine products and stamping 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	3462 333–6, 3463 341 343, 344 345, 3465–9 342, 347, 349 351 352, 3531–3 3534–7 354 355 356 359 357 358 361, 362	74 75 76 77A 77B 78 79 80 81 82	Eating and drinking places Automotive repair and services Amusements Health services Educational and social services, and membership organizations  SPECIAL INDUSTRIES Federal Government enterprises State and local government enterprises Noncomparable imports Scrap, used and secondhand goods General government industry	8734, 874 731 58 75 78, 79 074, 80 6732, 82–4, 86, 8733  (1) (1) (2) (3) (4) (5)

<sup>1.</sup> The SIC assigns codes to activities regardless of whether the establishment is owned by private firms or 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 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.

<sup>4.</sup> 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

										[0	iis oi uollais
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	Nonmetallic minerals mining	New con- struction, including own-account construction	Maintenance and repair construction, including own-account construction
	Commodity number	01	02	03	04	05+06	07	08	09+10	11	12
01	Livestock and livestock products	97,795		160	787						
02	Other agricultural products		120,594	3,271	1,645						
03	Forestry and fishery products Agricultural, forestry, and fishery services Metallic ores mining			11,212	45,042						
05+06 07	Metallic ores mining					11,381	8 22,776		11 2		
08	Crude petroleum and natural gas							87,491			
11	Nonmetallic minerals mining					12	3		15,493	696,617	
12 13	Maintenance and repair construction, including own-account construction Ordnance and accessories										309,562
14	Food and kindred products										
16	Tobacco products'										
17 18	Miscellaneous textile goods and floor coverings										
19	Miscellaneous fabricated textile products										
20+21 22+23	Lumber and wood products										
24 25	Paper and allied products, except containers										
26∆	Newspapers and periodicals										
26B 27A	Other printing and publishing Industrial and other chemicals										
27B	Agricultural fertilizers and chemicals										
29A	Drugs										
30	Cleaning and toilet preparations										
31	Petroleum refining and related products										
33+34	Footwear, leather, and leather products										
35 36	Glass and glass products										
37	Primary iron and steel manufacturing Primary nonferrous metals manufacturing										
39	Metal containers										
40 41	Heating, plumbing, and fabricated structural metal products										
42	Other fabricated metal products										
44+45	Engines and turbines										
46 47	Materials handling machinery and equipment										
48	Special industry machinery and equipment										
49 50	General industrial machinery and equipment										
51 52	Computer and office equipment										
	Electrical industrial equipment and apparatus										
55	Household appliances										
56 57	Audio, video, and communication equipment										
58	Miscellaneous electrical machinery and supplies										
59B	Motor vehicles (passenger cars and trucks)										
60 61	Aircraft and parts										
62 63	Scientific and controlling instruments Ophthalmic and photographic equipment										
64	Miscellaneous manufacturing										
65A 65B	Railroads and related services; passenger ground transportation										
65C	Water transportation										
65E	Pipelines, freight forwarders, and related services										
67	Communications, except radio and TV										
68A	Electric services (utilities)										
68C	Water and sanitary services										
69B	Wholesale trade										
70A	Finance										
71A	Owner-occupied dwellings										
72A	Real estate and royalties										
72B	Personal and repair services (except auto)										
73B	Legal, engineering, accounting, and related services										
73D	Other business and professional services, except medical										
74	Eating and drinking places										
76	Amusements										
77B	Health services Educational and social services, and membership organizations										
78 79	Federal Government enterprises State and local government enterprises										
	General government industry										
8 <u>5</u>	Household industry										
T	Total commodity output	97,795	120,594	14,642	47,473	11,394	22,787	87,491	15,505	696,617	309,562

## by Industries, 1998 at producers' prices]

Ordnance and accessories	Food and kindred products	Tobacco products	Broad and narrow fabrics, yarn and thread mills	Miscella- neous textile goods and floor coverings	Apparel	Miscella- neous fabricated textile products	Lumber and wood products	Furniture and fixtures	Paper and allied products, except containers	Paperboard containers and boxes	News- papers 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	_
	923						241						2 4 102 1,679		01 02 03 00+06 07 08 09+10 11 12 13 14 15 16 17 18 19 20+21 22+23 24 25 25 26A 27B 29B 29A 29B 29A 30 31 31 32 33+34 41 42 43 44+45 46 47 48 49 50 50 51 51 51 51 51 61 61 61 61 61 61 61 61 61 6
18,483	491,912	46,186	42 E2E	174	322	11			1 40 4	11			20 1,066 13	2	12 13 14 15
7	1	20	43,525 28 578 123	21,097 58 186	66,117 14	258 567 24,379 4 40 89	1 6 6 117,363 426 214 10	68 150 64,349 27	82 2 33 33 16 113,594 91	14 220 41,120		97 6 686	12	6	17 18 19 20+21 22+23 24
1	74 291 100 68			8 3 216		18	10 1 4 82	2	398 29 1	15	23,905 1,148	56 3,326 95,624 7	8 117,036 1,206 5,815 655	1,182 21,800 307 342 553	26A 26B 27A 27B 28 29A
6	163 		1 9	146 213	43	56 16 4	185 1 4 23	73 4 39 6	12 9 9 806 	179 1 30		31	1,234 85 4,616 218	6 21 12	30 31 32 33+34 35 36
			3	5		2 3 12	94 4 44	1 118 12 57	295	40 5 83		10 3 242	40 529 71	1	37 38 39 40 41 42 43
2	8 6 32			2		4	1	6 27 1 2	15			1	46 41 26		44+45 46 47 48 49 50
6	6					7 4 43	54 2	14 2 3	25 1			61 14 3	45 9 9		51 52 53 54 55 56
31 231 30 357				1 26		13 38 2	1 44 4	15 1 1 45	129			90	7	1	58 59A 59B 60 61 62
9	5			3 1	18	137	350	5 51	481 23	6		198	152 32	27	63 64 65A 65B 65C 65D 65E
															66 67 68A 68B 68C 69A 69B
															70A 70B 71A 71B 72A 72B
												12			73B 73C 73D 74 75
															65C 66D 66E 667 68A 68B 68C 69A 70B 71A 72B 72B 73B 73S 73S 73S 73S 73S 73S 73S 73C 73S 73S 73S 74 75 75 76 77A 77B 77 78 79 82 84 85 85 87 78 78 78 78 78 78 78 78 78 78 78 78
19,178	493,653	46,206	44,267	22,613	66,520	27,692	119,168	65,126	116,303	41,730	25,053	100,513	135,276	24,270	

Table 1.—The Make of Commodities

										[14111	IOLIS OI UOIIAIS
Industry	For the distribution of industries producing a commodity, read the column for that commodity	Plastics and synthetic	Drugs	Cleaning and toilet preparations	Paints and allied	Petroleum refining and related	Rubber and miscella- neous	Footwear, leather, and leather	Glass and glass	Stone and clay	Primary iron and steel
number	For the distribution of commodities produced by an industry, read the row for that industry	materials		preparations	products	products	plastics products	products	products	products	manufacturing
	Commodity number	28	29A	29B	30	31	32	33+34	35	36	37
	Livestock and livestock products										
02 03	Other agricultural products										
04	Agricultural, forestry, and fishery services										
07	Metallic ores mining									3	
80	Crude petroleum and natural gas					8,258 101				414	
11	New construction, including own-account construction										
13	Ordnance and accessories			7							17
15	Food and kindred products		227	127			38	247			
16	Broad and narrow fabrics, yarn and thread mills	2,139 234	2	8		34	2 70	8 76			
18 19	Apparel	36		3 215			41 130	47 24			
20+21	Miscellaneous fabricated textile products Lumber and wood products			215			220		136	9	
22+23 24	Furniture and fixtures		1	733	1 7		136 1,153	5	67	8 21	17
25 26A	Paperboard containers and boxes Newspapers and periodicals			3			494				
26B	Other printing and publishing	/ F3/	/15	1/27	251	2 574	15 849	42	8	431	125
27A 27B	Industrial and other chemicals	6,526 369	615 105	1,637 49	351	2,574 8	1	1	8	431	125
28 29A	Plastics and synthetic materials	55,139 17	228 94,443	68 756	23	16	1,065			4	3
29B 30	Cleaning and toilet preparations Paints and allied products	254 144	685	46,519 11	56 17,949	57	18			20 31	
31	Petroleum refining and related products	93	3	122	6	128,379	16		16	114	5
32 33+34	Rubber and miscellaneous plastics products	637	3	45	45	1	153,832 29	38 8,092	109	8	32
35	Glass and glass products	19	45	21	24	145	91 144		21,938 32	7 66,511	24
37 38	Stone and clay products Primary iron and steel manufacturing Primary nonferrous metals manufacturing	í.					4 67		130	6	99,639 1,138
39	Metal containers						21				
40 41	Heating, plumbing, and fabricated structural metal products	1			1		593 74	11	88 11	62 9	58 9
42 43	Other fabricated metal products			1	4		388	32	7	84	194 20
44+45	Farm, construction, and mining machinery					7	5				112
46 47	Materials handling machinery and equipment			1			40 96			58	3 92 28
48 49	Special industry machinery and equipment						74 32		2	24 8	28 116
50 51	Miscellaneous machinery, except electrical						30		2	14	82 12
52 53	Service industry machinery. Electrical industrial equipment and apparatus			46			39				48
54	Household appliances	9		1		29	3		43	21	I
55 56	Electric lighting and wiring equipment	12			58		66 2	4	33	1 15	121
57 58	Electronic components and accessories			Δ			68 51		1	42	7
59A	Miscellaneous electrical machinery and supplies							4			
60	Aircraft and parts						13 28				2
61 62	Other transportation equipment		456	25			23 119	6	19	14	1
63 64	Ophthalmic and photographic equipment	80	3	28	203		242 344	20		1	
65A	Railroads and related services; passenger ground transportation										
65C	Motor freight transportation and warehousing										
65E	Air transportation										
66	Communications, except radio and TV										
68A	Electric services (utilities). Gas production and distribution (utilities).										
68C	Water and sanitary services										
69A 69B	Wholesale trade										
70A	Finance Insurance										
71A	Owner-occupied dwellings. Real estate and royalties.										
72A	Hotels and lodging places										
73A	Personal and repair services (except auto)										
73B	Legal, engineering, accounting, and related services Other business and professional services, except medical										
73D	Advertising										
75	Eating and drinking places Automotive repair and services										
77A	Amusements										
77B	Educational and social services, and membership organizations Federal Government enterprises										
/9	State and local government enterprises									34	
84	General government industry										
85 T	Inventory valuation adjustment	65,711	96,816	50,430	18,728	139,618	160,807	8,654	22,642	68,023	101,909
				L,	.,	1	,	.,	,	,0	. ,

## **by Industries**, **1998**—Continued at producers' prices]

Primary nonferrous 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	
38 	39	40 	11 2 5 35 4	42 	43	44+45	20	15	48	7	3	51 	52 	01 02 03 04 05+06 09+10 11 12 13 14 15 16 17 18 19 20-21 22+23 24 25 26A 26B 27A 27B
2,311	61	2 1	1	2 115 62 1		98		9 2 5	25 37 1 1 8	6 9 5		15 7	1 1 1 	25 26A 26B 27A 27B 28 29A 29B 30 31
140 51 681 82,311 1 71 18 73	13,225 20 21 6	156 16 50 218 3 72,843 68 744	214 1 46 62 27 148 1 179 52,336 358	434 77 6 79 2,523 600 39 742 293 73,862	9 1 1	45 	82 4 60	792 4 126 227 322 74 1,014 258	64 1 3 3 6 	226 27 89 56 217	1 31 28 222 209 546	4 2 2 2 2	9 1 5 2 2 54 16 37	32 33+34 35 36 37 38 39 40 41 42
9 	3	236 191 84 53 152 320 248 21 701 10 48	10 414 2 171 4 23 123 17 90 39 135 2	20 174 32 184 112 292 807 69 170 14 1	24,013 115 2 446 37 1 2 34	21 53,905 157 448 113 298 18 1 5 222	303 14,113 61 167 147 15 21 5	6 177 78 36,115 337 265 277 12 7 50 97	2 35 47 197 30,942 398 27 1 102 3 1 16	157 151 102 90 271 38,695 1 206 180 17	164 156 23 559 161 332 35,001 6 17 3	95,397 2 34	19 12 10 107 243 5 36,781 20 206	48 49 50 51 52
90 369 100 7 10 10		137 137 19 147 74 1 9	6 43 7 360 76 2 7 26 4	5 305 14 65 234 3 179	3 29 823 925 24 189	2 48 104 210 8	103 103 20 41	4 5 12 27 121 20 11 115	2 232 232 5 6 93 9	83 18 2 91 26 28	120 45 43 61	70 2,910 7 7 3 4 67 646 30	3 121 3 5	56 57 58 59A 59B 60 61 62 63 64
														65B 65C 65D 65E 66 67 68A 68B 68C 69A 69B
														70A 70B 71A
86,308	13,392	76,823	55,001	82,284	26,658	55,789	15,249	40,638	32,421	40,884	37,947	99,264	37,772	71B 72A 72B 73A 73B 73C 73D 74 75 76 77A 77B 78 82 84 85 T

Table 1.—The Make of Commodities

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	Electrical industrial equipment and apparatus	Household appliances	Electric lighting and wiring equipment	Audio, video, and commu- nication equipment	Electronic components and accessories	Miscella- neous electrical machinery and supplies	Motor vehicles (passenger cars and trucks)	Truck and bus bodies, trailers, and motor vehicles parts	Aircraft and parts	Other trans- portation equipment
	Commodity number	53	54	55	56	57	58	59A	59B	60	61
02 03 04 05+06 07 08 09+10 11 12 13	Livestock and livestock products.  Other agricultural products. Forestry and fishery products. Agricultural, forestry, and fishery services. Metallic ores mining. Coal mining. Corude petroleum and natural gas. Nonmetallic minerals mining New construction, including own-account construction. Maintenance and repair construction, including own-account construction Ordnance and accessories. Food and kindred products				189	20	52		4	3,119	
15 16 17 18 19 20+21 22+23	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	6	14	3 35	19 23	15 26	325		9		3
25 26A 26B 27A 27B 28 29A 29B	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.		7	2		1 32	5 1				
31 32 33+34 35 36 37 38	Paints and allied products Petroleum refining and related products Rubber and miscellaneous plastics products Footwear, leather, and leather products Glass and glates, and leather products Stone and clay products Primary iron and steel manufacturing Primary nonferrous metals manufacturing	5 81 1 10 5	155	167 6 7 209 18	371	132 18 4 123	15 16 24		41 41 60 129	32 13 10 10	5
40 41 42 43 44+45 46 47	Metal Containers Heating, plumbing, and fabricated structural metal products Screw machine products and stampings Other fabricated metal products Englines and turbines Farm, construction, and mining machinery Materials handling machinery and equipment Metalworking machinery and equipment	5 1 176 1,040 59 48 90	129 43 4 5	6 23 62 59 1 26	6	18 24 30	13 2 8 4 1		65 341 187 312 196 15	500 167 31 1 6	29 8 64 9 297 22 7
49 50 51 52 53 54 55 56 57	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	26 218 292 113 15 37,695 147 265 52 368 64	29 11 196 14 21,453 4 143 4	16 30 25 4 319 38 25,175 96 162 208	425 29 33 14 147 86,489 449 807	54 21 18 6,441 8 244 240 1,084 127,066 128	5 14 311 834 6 161 8 22 278 211 23,675	11	23 153 244 1,743 88 30 175 21	8 164 34 4 13	5 5 12 1
59A 59B 60 61 62 63 64 65A 65B	Motor vehicles (passenger cars and trucks) Truck and bus bodies, trailers, and motor vehicles parts	87 2 54 176	13	13 1 212 2 8	652 51 2,015 65 14	729 1 635 4	909 11 18 395 121 10	227,351 3,277 15	1,823 128,843 58 48 200	188 124,272 1 735	99 120 41 43,376 1
65D 65E 66 67 68A 68B 68C 69A 69B	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. Retail trade										
70B 71A 71B 72A 72B 73A 73B 73C	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										
74 75 76 77A 77B 78 79 82	Eating and drinking places. Automotive repair and services. Amusements. Health services. Educational and social services, and membership organizations. Federal Government enterprises. Slate and local government enterprises. General government industry.										
84 85	Household industry	41,103	22,313	26,933	91,799	137,134	27,477	230,676	135,108	129,376	44,133

## **by Industries**, **1998**—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 ware- housing	Water transpor- tation	Air transpor- tation	Pipelines, freight forwarders, and related services	Commu- nications, 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	
883 12 45 132 4 93 913	3 3 11	33 7 119 47 119 107 76												01 02 03 04 05+06 07 08 09+10 112 13 14 15 16 17 18 19 20+21 22+23 24 25 26A 26B 27A 29B 29A 29B 29A 29B 31 31 33 33+34 35 36 37 38 39 40 41 42 55 56 57 58 59A 59B 59A 59B 59A 59B 59A 59B 59A 59B 59A 59B 59B 59B 59B 59B 59B 59B 59B 59B 59B
396 84	6 19	115 9 177 22												27A 27B 28 29A 29B 30
264 22 68 55 54 43	19	100 484 11 7 104 3									115			31 32 33+34 35 36 37 38 39
37 16 579 3 19	1	30 22 227 23												40 41 42 43 44+45 46
59 62 95 89 135 41 217 39 189 1,114	140 140 7 7	3 3 18 2 139 46 3 2 72 72 47 37												47 48 49 50 51 52 53 54 55 56
946 36 714 2 123,785 1,232 137	124 	52 1 6 235 184 1 47,679	71 472											58 59A 59B 60 61 62 63
			71,472	228,076	35,794 276	135,881 3,750	39,395	343,786	5,576	199,174	00 011	16,582 543		65B 65C 65D 65E 66 67 68A
				23			74				98,811	207 22,384	812,459	65B 65C 65D 65E 66 67 68A 68B 68C 69A 70B 71A 72B 73A 73B 73C 73D 74 75 76 77A 77B 78 79 82 84 85
133,097	20,721	50,585	7,423	230,207	2,399	3,250 142,881	39,469	343,786	5,576	7,671 23,246 230,091	4,195 103,121	28,716	812,459	77A 77B 78 79 82 84 85 T

#### Table 1.—The Make of Commodities

Commodity number 698 70A 708 71A 71B 72A  Obtra agricultural products. Obt	728	72A 72B	73A 73B
Other agricultural products Services or inflicely products Services Service			
30 Forcety' and fishery products A prigratural, forcestry, and fishery services  OF Coal mining Coal m			
Obt			
Crude petroleum and natural gas.  Or 10 Nameralist minerists ministers ministers measural construction.  11 Vanitenance and repair construction, including own-account construction.  12 Ordane and accessories.  13 Ordane and accessories.  14 Food and kindred products.  15 Food and kindred products.  16 Ford and narrow fairtris, yarn and thread mills.  17 Miscellaneous textile goods and floor coverings.  18 Appared.  19 Ordane and narrow fairtris, yarn and thread mills.  19 Appared.  19 Appared.  19 Appared.  19 Appared.  10 Appared.  20 - 21 Lumber and vood products.  21 Paper and allied products. except containers.  22 Paper and allied products. except containers.  23 Paper and allied products.  24 Paper and allied products.  25 Paper and allied products.  26 Other printing and publishing.  27 Inductional and other chemicals.  28 Pastics and synthetic malerials.  29 Pastics and synthetic malerials.  20 Double and the products.  20 Double and the products.  20 Double and the products.  21 Patients and the products.  22 Patients and the products.  23 Patients and related products.  24 Patients.  25 Patients.  26 Double and miscellaneous plastics products.  26 Double and miscellaneous plastics products.  27 Patients.  28 Patients.  29 Patients.  20 Double and class products.  20 Double and class products.  20 Double and class products.  20 Double and miscellaneous plastics products.  21 Patients institute, malerials.  22 Patients institute, malerials.  23 Printing you and site of manufacturing.  24 Patients in products.  25 Patients of the products.  26 Double and class products.  27 Patients you and site of manufacturing.  28 Printing you and site of manufacturing.  29 Printing you and site of manufacturing.  20 Printing you and site of manufacturing.  20 Printing you and site of manufacturing.  20 Printing you and site of manufacturing.  21 Printing you and site of manufacturing.  22 Printing you and site of manufacturing.  23 Printing you and site of manufacturing.  24 Printing you and site of manufacturing.  2			
O+10   Normealille minerals mining			
12 Mantenance and repair construction, including own-account construction 13 Ordinare and accessories. 15 Tobaccop products. 16 Broad and narrow fabrics, yarn and thread mills. 17 Miscellaneous feetile goods and floor overings. 18 Miscellaneous feetile goods and floor overings. 19 Miscellaneous feetile goods and floor overings. 20 - 21 Lumber and wood products. 20 - 22 Lumber and wood products. 20 - 22 Lumber and wood products. 20 Paperboard containers and boxes. 20 Paperboard containers and boxes. 21 Paperboard containers and boxes. 22 Paperboard containers and boxes. 23 Paperboard containers and boxes. 24 Paperboard containers and boxes. 25 Paperboard containers and boxes. 26 Other printing and publishing. 27 Bargututural fertilizers and chemicals. 28 Plastics and synthetic materials. 29 Plastics and synthetic materials. 20 Plastics and synthetic materials. 20 Plastics and sill products. 30 Partics and miscellaneous plastics products. 31 Pertoleum refining and related products. 32 Plastics and miscellaneous plastics products. 33 Plastics and miscellaneous plastics products. 34 Solose and clay products. 35 Gloss and clays products. 36 Solose and clay products. 37 Plastics of the standarding. 38 Metal Containers. 39 Metal Containers. 30 Plastics and plastics and standarding. 30 Metal Containers. 30 Plastics and planting and the planting planting and the planting planting and fabricated structural metal products. 40 Heating plumbing, and fabricated structural metal products. 41 Sorgies and furbics. 42 Sorgies and furbics. 43 Sorgies and furbics. 44 Sorgies in distribution, and mining machinery. 44 Sorgies in distribution, and mining machinery. 45 Sorgies and furbics. 46 Metal containers. 47 Sorgies and furbics. 48 Heating plumbing and distribution products. 49 Metal Containers. 40 Metal Containers. 40 Metal Containers. 41 Sorgies and furbics. 42 Sorgies and furbics. 43 Sorgies and furbics. 44 Sorgies and furbics. 45 Sorgies and furbics. 46 Sorgies and furbics. 47 Sorgies and furbics. 48 Sorgies and furbics. 49 S			
1 Food and kindred products 1 Food and kindred products 1 Food and process or products 1 Food and process or products 1 Food and process or products 1 Food and products or products 2 Food and products or products 2 Food Process or products 3 Food Process or Pro			
1 Flood and narrow fabrics, yarn and thread mills. 1 Miscellaneous textile pools and floor coverings. 1 Maparel			
18 Apparel			
19 Miscellaneous Ebricaled textile products 20-71 Lumber and wood products 21 Paper and alled products, except containers. 22 Paper and alled products, except containers. 25 Paper board containers and boxes 26 Al Newspapers and periodicals. 36 Miscellanes and periodicals. 37 Paper and alled products. 38 Paper puriting and publishing. 39 Paper and periodicals. 30 Paper and periodicals. 30 Paper and periodicals. 30 Paper and periodicals. 30 Paper and periodicals. 31 Paper and periodicals. 32 Paper and periodicals. 33 Periodical and periodicals. 34 Periodical and periodicals. 35 Classes and miscellaneous plastics products. 36 Since and discellaneous plastics products. 37 Classes and periodicals. 38 Periodical and periodicals. 39 Periodical and periodicals. 30 Since and class products. 30 Since and class products. 30 Since and periodical			
22-73   Furniture and fixtures			
25 Paperboard containers and boxes 26 A Newspapers and periodicales 38 Other printing and publishing 37 Particultural refilitiers and chemicals 38 Plastics and synthetic materials 39 Plastics and synthetic materials 30 Plastics and synthetic materials 30 Plastics and synthetic materials 31 Plastics and synthetic materials 32 Rubber and miscellaneous plastics products 33 Plastics and synthetic materials 34 Rubber and miscellaneous plastics products 35 Glass and glass products 36 Stone and day products 37 Permary from and steel manufacturing 39 Metal containers 39 Metal containers 30 Metal containers 30 Metal containers 31 Permary from and steel manufacturing 31 Metal containers 32 Plastics and synthetic materials 33 Metal containers 34 Other fabricated metal products 44 Stepmen washine products and stampings 45 Other fabricated metal products 46 Engines and turbines 47 Relateours machinery on equipment 48 Special industry machinery and equipment 49 General industrial machinery and equipment 40 General industrial machinery and equipment 41 Serve industry machinery and equipment 42 General industrial machinery and equipment 43 General industrial machinery and equipment 44 General industrial machinery and equipment 45 Other clarical industrial equipment and apparatus 46 Household appliances 47 Service industry machinery 48 Miscellaneous machinery (see pleichtical 49 Service industry machinery and equipment 40 Miscellaneous machinery (see pleichtical 40 Service industry machinery and equipment 40 Miscellaneous machinery (see pleichtical 40 Miscellaneous machinery (see pleichtical 41 Service industry machinery and equipment 42 Service industry machinery and equipment 43 Household appliances 44 Household appliances 45 Household appliances 46 Heatrical industrial equipment 47 Heatrical industrial equipment 48 Miscellaneous machinery (see pleichtical 49 Miscellaneous machinery (see pleichtical 40 Miscellaneous machinery (see pleichtical 40 Miscellaneous manufacturing 40 Miscellaneous manufacturing 40 Miscellaneous manuf			
268 Other printing and publishing. 271 Aloristrial and other chemicals 278 Agricultural fertilizers and chemicals. 279 Rayricultural fertilizers and chemicals. 280 Plastics and synthetic materials. 281 Plastics and synthetic materials. 282 Plastics and synthetic materials. 382 Plastics and synthetic materials. 383 Plasting and foliel preparations. 384 Poolwear feather, and feather products. 384 Foolwear feather, and feather products. 385 Glass and glass products. 396 Plantary from and steel manufacturing. 397 Plantary from and steel manufacturing. 398 Plantary nonferrous metals manufacturing. 399 Metal containers. 400 Heating, plumbing, and fabricated structural metal products. 410 Screw machine products and stampings. 420 Other fabricated metal products. 431 Plantary from and fabricated structural metal products. 442 Other fabricated metal products. 443 Plantary from and fabricated structural metal products. 444 Metal-working machinery and equipment. 445 Metal-working machinery and equipment. 446 Metal-working machinery and equipment. 447 Metal-working machinery and equipment. 448 Speelal industry machinery and equipment. 459 General industrial explantery and equipment. 460 Metal-alenous machinery and equipment. 470 Metal-working machinery and equipment. 480 Speelal industry machinery and equipment. 491 General industrial equipment and equipment. 492 General industrial equipment and paparatus. 493 Electrical industrial equipment and apparatus. 494 Household appliances. 595 Electric illiniting and wring equipment. 596 Audio, video, and communication equipment. 597 Electronic components and accessories. 598 Totack and bus bodies are averages passenger ground transportation. 598 Totack and bus bodies are averages passenger ground transportation. 599 Totack and bus bodies are averages passenger ground transportation. 590 Microfice and parts and related services. 590 Microfice and parts and related services. 591 Totack and bus bodies parties and motor vehicles parts. 591 Totack and bus bodies parties and motor vehi			
278 Agricultural fertilizers and chemicals			
28 Plastics and synthetic materials 298 Drugs 298 Cleaning and tollet preparations 30 Paints and allied products 31 Pubber and miscollaneous plastics products 32 Rubber and miscollaneous plastics products 33 Rubber and miscollaneous plastics products 34 Rubber and miscollaneous plastics 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 39 Metal containers 30 Plastics and state of the state of			
29B Clearing and tollet preparations 30 Paints and allied products 31 Petroleum refining and related products 32 Rubber and miscellaneous plastics products 33-44 Footwear, leather, and leather products 35 Gloss and glass products 36 Store and cidy products 37 Store and cidy products 38 Store and cidy products 39 Melal containers 39 Melal 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 Engines and turbines 45 Engines and structural metal products 46 Materials handling machinery and equipment 47 Metalworking machinery and equipment 48 Special industry machinery and equipment 49 General industry machinery and equipment 40 Concept and structural metal products 51 Computer and office equipment 52 Service industry machinery and equipment 53 Electrical industrial equipment and apparatus 54 Household appliances 55 Electric lighting and writing equipment 56 Audio, video, and communication equipment 57 Electronic components and accessories 58 Miscellaneous effective and supplies 59 Motor vehicles (passenger cars and trucks) 50 Conspilation and productive supplies 50 Conspilation and productive supplies 50 Miscellaneous effective and supplies 50 Miscellaneous effective and supplies 50 Miscellaneous describer said supplies 50 Miscellaneous describer said supplies 50 Miscellaneous describer indications 51 Components and accessories 52 Endertic indication equipment 53 Electrical industrial equipment and apparatus 54 Miscellaneous machinery and supplies 55 Miscellaneous describer indications 56 Miscellaneous describer indications 57 Electronic components and accessories 58 Miscellaneous describer indications 59 Processories 50 Electric indications equipment 50 Conspilation and device equipment 50 Conspilation and protographic equipment 51 Conspilation equipment 52 Electronic components and accessories 53 Miscellaneous machinery and supplies 54 Audio Audio Section and Section and Section and Section a			1
31 Petroleum refining and related products 32 Rubber and miscellaneous plastics products 33-34 Footwear, leather, and leather products 35 Gloss and glass products 36 Stone and clay products 37 Primary ion and steel manufacturing. 39 Metal containers and steel manufacturing. 30 Metal containers and steel manufacturing. 30 Metal containers and steel manufacturing. 31 Screw machine products and stampings. 41 Heating, plumbing, and fabricated structural metal products. 42 Other fabricated metal products 43 Engines and turbines 44 Engines and turbines 44 Metarials handling machinery and equipment 46 Materials handling machinery and equipment 47 Metalworking machinery and equipment 48 Special industry machinery and equipment 49 General industrial machiner and equipment 50 Computer and office equipment electrical 51 Computer and office equipment electrical 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 59 Motor vehicles (passenger cars and trucks) 59 Bruck and bus bodies (irallers, and motor vehicles parts. 60 Other transportation equipment. 61 Other transportation equipment. 62 Colonificand and photographic equipment. 63 Ophthalmic and photographic equipment. 64 Miscellaneous machinery and supplies 65 Micro vehicles (passenger cars and trucks) 66 Communications, screept radio and IV with the decision of the production and distribution (utilities) 66 Machine and photographic equipment. 66 Communications, except radio and IV with the decision of the production and distribution (utilities) 66 Water and sanilary services. 66 Water and sanilary services. 67 Weblesale trade			
32 Rubber and miscellaneous plastics products 33 Glass and glass products 36 Store and clay products 37 Primary iron and stell manufacturing 38 Primary nonlerous metals manufacturing 39 Metal containers 40 Pleating, plumbing, and fasticated structural metal products 41 Other fabricated metal products 42 Other fabricated metal products 43 Engines and furbines 44 Engines and furbines 45 Engines and furbines 46 Materials handling machinery and equipment 47 Metalworking machinery and equipment 48 Special industry machinery and equipment 49 General industrial machinery and equipment 40 General industrial machinery and equipment 41 Special industry machinery and equipment 42 Service industry machinery except electrical 43 Engines and furbines 44 Special industry machinery and equipment 45 Special industry machinery and equipment 46 General industrial equipment and paparatus 47 Special industry machinery except electrical 48 Special industry machinery except electrical 50 Miscellaneous machinery, except electrical 51 Computer and office equipment 52 Service industry machinery except electrical 53 Electrical industrial equipment and apparatus 54 Household appliances 55 Electric lighting and wiring equipment. 56 Audion video, and communication equipment. 57 Service industry machinery and supplies 58 Miscellaneous electrical machinery and supplies 59 Miscellaneous electrical machinery and supplies 50 Miscellaneous electrical machinery and supplies 50 Miscellaneous feet murks 50 Miscellaneous feet murks 51 Other transportation 52 Service industry machinery except electrical machinery and supplies 53 Gladion of the production and surfacturing 54 Miscellaneous manufacturing 55 Service industrial equipment 56 Miscellaneous feet fire and and an apparatus 57 Service industrial except fire and an apparatus 58 Miscellaneous manufacturing 59 Miscellaneous manufacturing 60 Miscellaneous manufacturing 61 Miscellaneous manufacturing 62 Services 63 Ophthalmic and photographic equipment 64 Miscellaneous manufacturing 65 Miscellaneous			
35   Glass and glass products			
37 Primary nor 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 Ingines and turbines 44 Ingines and turbines 44 Ingines and turbines 45 Expecial industry machinery and equipment 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 and equipment 53 Electrical industrial equipment and apparatus 54 Household appliances 55 Electrical industrial equipment and apparatus 56 Electrical industrial equipment and apparatus 57 Electrical industrial equipment and apparatus 58 Electrical industrial equipment and apparatus 59 Electrical industrial equipment and apparatus 50 Electrical industrial equipment and apparatus 51 Electrical industrial equipment and apparatus 52 Electrical industrial equipment and apparatus 53 Electrical industrial equipment and apparatus 54 Household appliances 55 Electrical industrial equipment and apparatus 56 Electrical industrial equipment and apparatus 57 Electronia components and accessories 58 Miscellaneous electrical machinery and supplies 59 Motor vehicles (passenger cars and frucks) 59 Motor vehicles (passenger cars and frucks) 50 Incur and bus bodies, trailers, and motor vehicles parts 50 Computer and parts and part			
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 wifing equipment. 56 Audio, video, and communication equipment. 57 Electric lighting and wifing equipment. 58 Miscellaneous electrical machinery and supplies. 59 Motor vehicles (passenger cars and trucks). 59 Motor vehicles (passenger cars and trucks). 59 Rick and out office, railers, and motor vehicles parts. 60 Aircraft and parts. 61 Other transportation equipment. 62 Scientific and controlling instruments. 63 Ophinalmic and photographic equipment. 64 Miscellaneous enhotographic equipment. 65 Scientific and controlling instruments. 66 Macil Railer and controlling instruments. 67 Railorads and related services: passenger ground transportation. 68 Motor freight transportation and warehousing. 68 Motor freight transportation and warehousing. 68 Motor freight transportation and warehousing. 68 Communications, except radio and TV 68 Communications, except radio and TV 69 Age Allores and another vehicles and another vehicles and another vehicles. 69 Allores and distribution (utilities). 60 Water and sanitary services.			
41   Screw machine products and stampings.			
42 Other fabricated metal products.			
44445   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 except electrical   51 Computer and office equipment   52 Service industry machinery   53 Electrical industrial equipment and apparatus   54 Household appliances   55 Electrical industrial equipment   56 Audio, video, and communication equipment   57 Electronic components and accessories   58 Miscellaneous electrical machinery and supplies   58 Miscellaneous electrical machinery and supplies   59 Miscellaneous electrical machinery and supplies   59 Miscellaneous electrical machinery and supplies   59 Miscellaneous enterties   50 Audio, video, and communication equipment   50 Audio, video, and controlling instruments   50 Audio, video, and			
47 Metalworking 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 65C Water transportation 65C Marent and parts 65C Marent and parts 65C Communications, except readio and TV 66C Communications, except readio and TV 66C Communications, except readio and TV 67 Radio and TV broadcasting 68C Water trade 69C Water trade			
So   Miscellaneous machinery, except electrical   Sorvice industry machinery   Service industry machinery   Service industry machinery   Service industry machinery   Service industrial equipment and apparatus   Service industrial equipment and apparatus   Service industrial equipment   Service industriale equipment   Service industrial equipment   Service industrial e			
Service industry machinery			820
Household appliances			
56 Audio, video, and communication equipment.         57 Electronic components and accessories			
58 Miscellaneous electrical machinery and supplies			
59A Motor vehicles (passenger cars and trucks)			
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 65D Air transportation 65D 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 690 Water and sanitary services			
62 Scientific and controlling instruments       9         63 Ophthalmic and photographic equipment.       9         64 Miscellaneous manufacturing.       9         65B Railroads and related services; passenger ground transportation.       9         65B Motor freight transportation and warehousing.       9         65D Vater transportation.       9         65E Pipelines, freight forwarders, and related services.       9         66 Communications, except radio and TV.       9         67 Radio and TV broadcasting.       9         68B Electric services (utilities).       9         68C Water and sanitary services.       9         69A Wholesale trade.       9			
64 Miscellaneous manufacturing. 658 Railroads and related services: passenger ground transportation 658 Motor freight transportation and warehousing. 650 Water transportation. 651 Pipelines, freight forwarders, and related services. 660 Communications, except radio and TV 671 Radio and TV broadcasting. 682 Electric services (utilities). 683 Gas production and distribution (utilities). 684 Clear and sanitary services. 685 Water and sanitary services.			
65A Railroads and related services; passenger ground transportation			
65C Water 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.			
67 Radio and TV broadcasting. 68A Electric services (utilities)			
68B (Gas production and distribution (utilities)			
68C Water and sanitary services			
978 Retail trade 179,852 729,220 691			
70B Insurance			
71A   Owner-occupied dwellings			
72A Hotels and lodging places			
73A Computer and data processing services, including own-account software	126.434		359,931 681 368,527
73C Other business and professional services, except medical	126,434	707	860 1,784
73D Advertising			
75   Automotive repair and services			
77A Health services Educational and social services, and membership organizations			
778   Federal Government enterprises.   2,153   1,138   489			
82 General government industry		2	
84 Household industry	707	2	
T Total commodity output	707		362,292 370,311

## **by Industries**, **1998**—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		
				835 788									100,499 126,538	01 02 03 04 05+06 07
													11,212 45,042 11,404	03 04 05±06
													22,782 95,850	07 08
													17,702 696,617	08 09+10 11
													309,562 22,899 493,690	12 13 14
													46,203 48,168	15 16
													21,987 67,603 25,501	12 13 14 15 16 17 18
									40 29				118,243 65,889	20+21 22+23
									117 203				119,369 42,118	20+21 22+23 24 25 26A 26B
	45,752 41,348								66 14				73,019 139,219 134,380	26A 26B 27A
									65				23,736 62,959	27B 28
									8 1				96,716 49,864	29A 29B
									26 97				18,315 133,536 160,122	30 31 32
									4				8,266 22,314	33+34 35
									20				68,172 103,994 85,937	36 37
									28				13,340 75,945	39 40
									650 9				55,355 79,666	41 42
51									23 32 5				26,207 56,596 14,820	43 44+45 46
									10 5				38,502 32,818	29A 29B 30 311 33+34 35 36 37 38 39 40 41 42 43 44+45 46 47 48 84 49 50 51 52 53 54 55 55 56 57 58 59A 60 61 61 62 63 64
									2 11				42,237 37,931 104,722	49 50
													40,395 39,302	52 53
									23				22,416 27,109	54 55
				9									89,532 132,387 26,867	56 57 58
									3 256				229,740 137,050	59A 59B
									10 5				126,706 44,372 130,687	60 61
	3,700								3				23,584 53.079	63 64
									5				71,704 244,658	65A 65B
													35,794 135,881 46,074	65C 65D 65E
	5,043 39,487												348,829 45,064	66 67
								1 055	120				199,717 99,018 23,568	68A 68B 68C
								1,055	129				812,459 739,852	69A 69B
			53,996										783,906 342,381	70A 70B
													631,659 789,607 83,270	71A 71B 72A
278													126,711 359,931	72B 73A
7,090 591,966 334	17,285 45,310		118	146									376,298 612,952	73B 73C
334	45,310	373,506	209,428						692				45,644 374,198 209,641	73D 74 75 76 77A 77B 78 79 82 84 85 T
103 779	23			202,504	763,827	200 75-							202,629 764,606	76 77A
	998	1,231	1,270	101 437		322,753	80,223	43,691					323,751 93,009 128,639	718 78 79
			1,270					45,071		954,171	14,351		954,171 14,351	82 84
600,791	198,947	374,737	264,812	204,820	763,827	322,753	80,223	44,746	2,597	954,171	14,351	21,538 <b>21,538</b>	21,538 <b>15,432,301</b>	85 T

Table 2.—The Use of Commodities

										[1411	IIIONS OF GOHALS
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	Nonmetallic minerals mining	New con- struction, including own-account construction	Maintenance and repair construction, including own-account construction
	Industry number	01	02	03	04	05+06	07	08	09+10	11	12
01	Livestock and livestock products	11,937		109	855						
03	Other agricultural products	26,649	4,285	439	4,744 61			1		1,338	599
05+06	Agricultural, forestry, and fishery services	5,423	10,952	3,002	216	33 1,686	27	5	12	2,583	1,340
08	Coal mining. Crude petroleum and natural gas	8	356		3	13	2,449	26,690	48 576	4,515	2,853
11	New construction, including own-account construction  Maintenance and repair construction, including own-account construction	1,107	1,527	327	407	339	93	4,127	134	271 422	2,653
13	Ordnance and accessories  Food and kindred products	20,660	1,321	472	113	337		7,127	134		
15 16	Tobacco products Broad and narrow fabrics, yarn and thread mills	20,000	480				89				
18	Miscellaneous textile goods and floor coverings	174	272	47	105		4	1		1,370	574
19 20+21	Miscellaneous fabricated textile productsLumber and wood products	42	360 487	9	82	51	68	2		477 33,428	272 21,422
22+23 24	Furniture and fixtures	270	373	14	9	5	4	1	9	2,211 2,546	8 872
25 26A	Paperboard containers and boxes  Newspapers and periodicals	8 5 7	958 6	19 9	185 12	5	6 1 (*)	1 (*)	1 (*)	361	170
26B 27A 27B	Other printing and publishing Industrial and other chemicals	75 246	10 69 10,226	4 35	8 7 3,041	689	(*) 310	1,011	341	135 2,001	65 879
27B 28 29A	Agricultural refunders and chemicals Plastics and synthetic materials Drugs	345	10,220		3,041		2			2	
29B 30	Cleaning and toilet preparations. Paints and allied products	39		10	9			4 2		168 4,757	112 2,425
31 32	Petroleum refining and related products Rubber and miscellaneous plastics products.	746 554	2,980 872	185 9	164 49	176 95	561 340	747 18	326 187	6,917 11,833	6,399 6,404
33+34 35	Footwear, leather, and leather products	53 7			12			1	10	1,610	151
36 37	Stone and člay products	23	133 37		12	63 394	161 85	263 1,753	233	39,460 5,500	10,152 2,458
38 39	Primarý nonferrous metals manufacturing			1	3		16	115		5,008	2,281
40 41 42	Heating, plumbing, and fabricated structural metal products	23 28 289	31 560	12	86	129 20 3	91 169 65	115 556	88 13 14	36,874 441 12,009	14,599 135 4,737
42 43 44+45	Engines and turbines Farm, construction, and mining machinery	172	545	18 18 34		55 370	154 1,265	14 367	71 622	12,009	549
46 47	Materials handling machinery and equipment Metalworking machinery and equipment	41	63		2	100 14	224	72 15	344	2,684 584	57 176
48 49	Special industry machinery and equipment	34	118	(*)	3 2	47	241	93	128	4 3,759	6 636
50 51	General industrial machinery and equipment	58	171	`1	19	27	126	169	20	332	7
52 53	Service industry machinery Electrical industrial equipment and apparatus	10	24	2 2	3	23	4 60	4 78	3 63	8,477 3,887	3,611 1,274
54 55	Household appliances	37	43	1	29		21	151	2	1,527 11,236	816 5,044
56 57	Audio, video, and communication equipment Electronic components and accessories Miscellaneous electrical machinery and supplies.	275	810		41		o	11	19	2,300  1,253	886 454
59A 59B	Motor vehicles (passenger cars and trucks)  Truck and bus bodies, trailers, and motor vehicles parts	275 80	206	35	68	20	40	46		871	434
60 61	Aircraft and parts Other transportation equipment		200			20		40		204	93
62 63	Scientific and controlling instruments			12	21 8	2	2	2 12		2,118 69	736 26
64 65A	Miscellaneous manufacturing	69 1,406	123 326	17	4 70	2 82	3 839	3 166	6 74	1,623 996	866 544
65B 65C	Motor freight transportation and warehousing	2,769 41	1,568 63	260	9	223 9	413 59	278 107	8	10,351 179	4,875 104
65D 65E	Air transportation	76 128	145 33	40 1	2	43 2 36	109 4	282 8	4	1,003 14	437 6
66 67	Communications, except radio and TV	283	333	13			40	215		2,744	1,338
68B	Electric services (utilities)  Gas production and distribution (utilities)	1,611	870 368	2	65 3	733 89	494 34	1,290 5,490 91		761 151	351
68C 69A 69B	Water and sanitary services Wholesale trade Retail trade	145 5,225	724 7,162 (*)	21 188 25	1,336 12	404 22	1,008 36	1,060 176		664 26,294 27,798	329 12,024 15,555
70A 70B	Finance	526 396	(*) 633 1,344	86 42	285 134	105 43	208 55	641 138	153	4,207 4,391	1,649 1,087
71A 71B	Owner-occupied dwellings Real estate and royalties	4,636	12,210	17	338	147	934	30,466		3,679	1,473
72A 72B	Hotels and lodging places	29 31	45 93	30	70	36 6	84	263 12	48	543 293	247 172
73A 73B	Computer and data processing services, including own-account software Legal, engineering, accounting, and related services	6 81	5 107	11 311	4 611	18 210	13 445	84 1,993	61 194	683 50,507	364 10,711
73C 73D	Other business and professional services, except medical	630 14	1,756 29	215 7	592 162	222 6	295 14	627 109	213 50	22,662 466	10,962 213
74 75	Eating and drinking places	7 124	15 370	27 67	65 404	38 32 2	76 39		50 32	506 3,072	232 1,858
76 77A	Amusements	2,459		3	341	2	19	64	3		61
77B 78 79	Educational and social services, and membership organizations	65 10 20	81 12 46	6	27 45 24	11 4	34 1 3	74	9	37 677 39	13 335 18
80 81	Noncomparable imports	20	64		2	130	51	1,659	32		2
82	General government industry Rest of the world adjustment to final uses										
84 85	Household industry										
VA.	Total intérmediate inputs	90,210 10,289	65,489 61,049	6,258 4,954	16,306 28,736	7,038 4,366	12,025 10,758	81,983 13,867	6,867 10,835	381,602 315,015	159,736 149,826
T	Total Industry Output	100,499	126,538	11,212	45,042	11,404	22,782	95,850	17,702	696,617	309,562

by Industries, 1998 at producers' prices]

Ordnance and accessories	Food and kindred products	Tobacco products	Broad and narrow fabrics, yarn and thread mills	Miscella- neous textile goods and floor coverings	Apparel	Miscella- neous 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	
36	80,802 40,245 3,571 208	3,175	399 3,278 15	68 58 10	22 51 161 16	10	8,652 46	11 45	11 67	14	41	11 47	627 57 81 1,159	20 13 19	01 02 03 04 05+06 077 08 09+10 11 12 13 14 15 16 16 17 18 19 20+21 22+23 25 26A 28B 29A 29B 29A 29B 30 31 33 33 34 44 45 47 48 49 50 55 55 56 57 58 59B 60 61 62 63 64 665B
2	188	24	21	14	15	3	3	13	297	23			173 3,915	26 1,505	07 08
149	2,498	126	261	241	339	100	389	306	348 1,558	228	423	754	1,210 1,519	952	09+10 11 12
3	78,643	3,508		18				95	698				441	392	13 14 15
18	24	5	9,935 57	3,834 687	15,491 44	6,653 1,565 878	195	2,843 2,003	153 802		4	87 47	1		16 17
38	74 123	3 2	39	2	12,151 2,427 2	250 39	5 7 35,867	5 21 4,845	6,692	49	18	12	(*) 40		19 20+21
5 34	7,190 9,425	125 552	30 39	33 51	72 75	16 17	271 66 274	290 142 885	16,842 1,586	16,177 93	5,386 17	17,353 541	369 631	74 92	22+23 24 25
3  121	7 950 2,425	233	2 676	2 1 404	16 5	20 163	5 14 396	4 10 96	1 186 4,951	1 4 821	68 4,627 547	231 11,207 2,577	1 15 30,053	112 2,101	26A 26B 27A
20 42	1 176	312	7,769	5,176	807	468	146 475	136	30 3,335	167		9	1,061 1,081	2,788	27B 28
4	1,518 511	69	35	66	222		10 242	38 381	391 22	147	1	8	126 803	76	29A 29B 30
25 272	893 10,123	44 290	82 197	50 203	82 308 384	34 453 569	376 942 9	174 2,539 57	430 4,090	259 188	70 23 1	136 1,597 2	1,845 1,554	159 199	31 32 33+34
22	3,548 17	4	321 1	12			230 822	163 168	79			2 34	103 213	10 45	35 36
191 276	9,388			2			74 38	2,308 682	55 136	272 82		43	245 10 693	 89	37 38 39
152 170	578 1,408	50					924 475 1,173	836 3,203	3 382	20 251	26	30	5 843	52	40 41 42
13	13										2				43 44+45
31 101	62 83	14	18 47	6 192	2 181	11 28	23 73 77	53 42	75 410	34 213	5 33	41 632	60 312	1	46 47 48
116 124	200 215	1 6 5	79	25	5 21	26	100 168	92 124	29 256	76	21 33	113 52	6 456	10 11	49 50 51
213	54 108	7 16	2		1		165 5	3 12	10 25		2	1	46 135	1	52 53
14 597	107	18	2				202 255	10	26		3	3 4	7	2	54 55 56
1,074 9	28	1	(*)	2	3		14	2	8	2	18	12	3		57 58 594
1 2,234	244	2	7	4	12		462	25	21	11	46	40	16	5	59B 60
1,049	7 7	2 1	2	1	2	1	1 1 11	9 7	17 8	6 2 1	19 105	111 553	178 17	6 1	62 63
25 119	36 3,014 9,489	7 51 244	 196 577	1 126 454	628 86 761	3 28 322	73 817 3,264	186	6 1,194 3,831	1 448 1,736	20 190 646	24 506 2,266	3 1,242 3,492	284 1,370	64 65A 65B
137	392 1,915	2 139	8 150	15 82	3 338	3 114	64 328	11	82 455 8	9 198	1 238 4	16 535 5	161 484	38 70	65C 65D 65E
1 75	18 771	2 79	65	1 65	153	(*) 61	6 206	221	290	5 119	426	530	176 307	53 	66 67
143 27 16	3,244 1,881 682	80 17 6	973 194 57	256 115 47	558 218 34	163 79 27	996 175 147		2,263 1,190 622	305 89 37	248 56 19	779 247 85	2,600 2,341 1,065	280 655 131	68A 68B 68C
505 4 156	30,005 918 3,474	789 131 326	2,185 33 260	997 8 157	3,202 15 494	1,306 9 183	7,955 82 706	4,259 106	5,639 179 828	2,156 12 264	1,499 42 483	4,467 50 897	7,005 84 1,044	1,229 17 203	69A 69B 70A
34	935	77	67	37	109	42	181	117	205	65	120	216	245	41	70B 71A
195 65 19	2,114 1,267 588	215 139 46	156 114 276	111 67 94	900 209 105	387 74 13	784 285 144	671 182 47	491 335 328	197 112 69	2,888 184 51	4,124 371 146	1,197 393 318	131 69 62	71B 72A 72B
215 97 451	984 1,432 6,711	94 412 455	124 139 663	81 88 320	106 192 5,328	35 100 322	231 339 1,518		541 264 2,019	117 77 598	439 871 3,522	494 540 2,716	538 3,424 2,622	119 301 589	73A 73B 73C
88 64	12,827 1,192	3,721 128	135 123	217 66	799 228	117 82	401 304	665 204	743 321	64 106	1,762 169	1,357 352	890 373	347 61	73D 74
46 9	2,100 380	147 79	210 7	109 5	164 51	54 4	435 41	166 14	795 60	186 16	262 70	617 82	751 74	151 7	75 76 77A
16 4 4	308 196 547	30 62 23	23 23 21	13 24 12	47 62 18	148 35 3	194 59 38	74 84 39	76 64 242	24 21 9	44 483 11	142 304 34	91 80 161	15 5 13	77B 78 79
11	1,033	31	59	20 43	50	3	15	53 9	172 787	21	140	340	1,615	51 7	80 81
															80 81 82 83 84
9,691 13,208 <b>22,899</b>	344,117 149,573 <b>493,690</b>	16,133 30,070 <b>46,203</b>	30,152 18,016 <b>48,168</b>	14,789 7,198 <b>21,987</b>	47,785 19,818 <b>67,603</b>	15,022 10,479 <b>25,501</b>	73,469 44,774 <b>118,243</b>	34,001 31,888 <b>65,889</b>	68,066 51,302 <b>119,369</b>	26,195 15,922 <b>42,118</b>	26,428 46,591 <b>73,019</b>	58,531 80,689 <b>139,219</b>	82,884 51,496 <b>134,380</b>	15,282 8,454 <b>23,736</b>	85 I VA T

Table 2.—The Use of Commodities

										[	io or donaro
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 miscella- neous plastics products	Footwear, leather, and leather products	Glass and glass products	Stone and clay products	Primary iron and steel manu- facturing
	Industry number	28	29A	29B	30	31	32	33+34	35	36	37
01	Livestock and livestock products			51							
02 03	Other agricultural products	1	188 33		15	1	1,009			2	
04 05+06	Agricultural, forestry, and fishery services	31	58	25	7 17	35 26	81	2	18 19	45 12	56 2,782
07 08	Coal mining	54 311	19	9	2	6 58,884	16	2	91	279	1,286
09+10 11	Nonmetallic minerals mining		1	12	4	556	16		224	3,813	242
12 13	Maintenance and repair construction, including own-account construction Ordnance and accessories	748	708	332	76	1,457	1,258	63	217	496	878
14 15	Food and kindred products	75	434	472	157	172	18	851		25	
16 17	Broad and narrow fabrics, yarn and thread mills	12 1	10	15			1,429 1,589	300 178	1	192	
18 19	Apparel	3	2	6			15 9		1	7	100
20+21 22+23	Lumber and wood products Furniture and fixtures.	739		4		5	286 1,225	30	309 52	318 677	182
24 25 26A	Paper and allied products, except containers	254	165 852	153 1,983	1	158 166	1,225 1,917 15	18	807	196	32 19 3
26B 27A	Newspapers and periodicals Other printing and publishing Industrial and other chemicals	4 1 20,098	383 1.988	155 4,541	7 3,192	3 6 2,561	36 6,509	1 319	1 1,298	6 1,493	93 1,367
27B 28	Agricultural fertilizers and chemicals Plastics and synthetic materials	298 1,797	1,700	4,541	2,244	2,301	28,389	14	1,270	316	
29A 29B	Drugs Cleaning and toilet preparations	282	10,516	2,479	2,244	444	20,307	41	37	100	
30 31	Petroleum refining and related products.	46 184	78	31 442	311 131	15,345	166 256	21	24 73	128 387	29 381
32 33+34	Rubber and miscellaneous plastics products Footwear, leather, and leather products	2,909	1,877	3,709	1	668	9,098	197 2,370	508	524	191
35 36	Glass and glass products Stone and clay products	5 13	254 16	225 4	3 164	476 275	848 231	5	2,515 425	134 7,798	1,468
37 38	Primary iron and steel manufacturing	1		2	5	12	708 94		29	603 103	17,570 1,682
39 40	Metal containers	4	91	490	496	151	67			36	3 7
41 42	Screw machine products and stampings Other fabricated metal products	22	92 51	71 133	3	148	454 1,017	4 81	26	74 498	410 2,103
43 44+45	Engines and turbines						44				49
46 47	Materials handling machinery and equipment  Metalworking machinery and equipment	37	5	11	1	25	5 323	1	107	131	38 819
48 49	Special industry machinery and equipment	34 26	31	3		1	710 29	(*)	22	44	25 1,693
50 51	Miscellaneous machinery, except electrical	100	33	47	4	106	933	9	119	142	538
52 53	Service industry machinery	2 6	3 8	10 24		1 1	9 49		3 71	5 14	1 930
54 55	Household appliances	5	13	25		11	80		8	27	
56 57	Audio, video, and communication equipment						32				
58 59A	Miscellaneous electrical machinery and supplies					3	27			20	6
59B 60	Truck and bus bodies, trailers, and motor vehicles parts	2	5	3	3	24	18		9	64	18
61 62	Other transportation equipment	3	9	4	3	21	13		8	12	124
63 64	Ophthalmic and photographic equipment	4 1	27	12	1	5	14 77	.1	1	48	8
65A 65B	Railroads and related services; passenger ground transportation Motor freight transportation and warehousing	437 1,236	168 363	231 678	255 460	394 1,087	898 4,854	12 147	300 449	678 4,144	1,541 3,326
65D	Water transportation	90 221	326 326	25 201	19 57	393 123	108 587	46	24 83	182 190	199 416
65E 66	Pipelines, freight forwarders, and related services	19 285	3 324	8 179	3 48	4,909 216	6 473	(*) 24	1 77	5 199	5 202
67 68A 68B	Radio and TV broadcasting Electric services (utilities) Gas production and distribution (utilities)	1,093 688	468 193	213 101	80 27	1,390	2,485 534	50 28	524 342	1,205	2,872 1,552
68C 69A	Water and sanitary services.  Wholesale trade	347 3,129	173 173 6,664	93 3,121	62 928	2,052 495 5,490	227 6,601	61 406	58 1,261	1,007 131 2,530	716 8,527
69B 70A	Writesale trade	42 526	62 706	162 441	3 148	33 1,407	201 1,294	4 53	62 166	72 409	30 760
70A 70B 71A	Insurance Owner-occupied dwellings	100	129	83	27	199	266	19	41	136	182
71B 72A	Real estate and royalties Hotels and lodging places	317 183	831 269	516 159	64 52	2,173 159	1,683 464	56 21	158 69	484 169	427 287
72B 73A	Personal and repair services (except auto) Computer and data processing services, including own-account software	177 319	83 247	47 117	11 27	288 467	295 614	8 33	62 111	172 264	415 722
73B 73C	Legal, engineering, accounting, and related services.  Other business and professional services, except medical	1,886 1,035	2,392 2,837	794 1,217	188 180	1,125 1,735	1,046 2,735	22 95	89 431	305 1,211	413 2,244
73D 74	Advertising	366 175	4,850 283	3,648 149	233 47	680 229	925 470	168 26	95 75	330 167	361 288
75 76	Automotive repair and services. Amusements	405 42	229 111	147 70	43 14	600 53	755 87	23	148 7	396 19	897 51
77A 77B	Health services	 50	224	43	10	109	553	3	15	33	60
78 79	Federal Government enterprises	18 39	30 29	54 31	9	49 26	93 53	10 13	18 8	34 11	72 71
80 81	Noncomparable imports	371	3,907	836	113	549	406	5	56 91	193	174 4,024
82 83	General government industry										
84 85	Household industry										
VĄ.	Total intermediate inputs	41,704 21,255	43,930 52,786	28,845 21,019	9,965 8,350	108,181 25,354	87,931 72,191	5,848 2,418	11,840 10,474	33,455 34,718	65,874 38,121
T	Total Industry Output	62,959	96,716	49,864	18,315	133,536	160,122	8,266	22,314	68,172	103,994

<sup>\*</sup> Less than \$500,000.

**by Industries**, **1998**—Continued at producers' prices]

Primary nonferrous metals manu- facturing	Metal containers	Heating, plumbing, and fabri- cated struc- tural metal products	Screw machine products and stampings	Other fabricated metal products	Engines and turbines	Farm, construction, and mining machinery	Materials handling machinery and equip- ment	Metalworking machinery and equip- ment	Special industry machinery and equip- ment	General industrial machinery and equip- ment	Miscella- neous 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	
14														01 02
50 2,340 17	3	27 102 2	15 2	37 0 3	17 1	31 11 4	5	17 5 1	15 1	28	26 2	48 2 1	14	04 05+06 07 08
20 557	81	284	596	499	196	318	68	28 254	197	225	272	945	291	09+10 11 12
16														14 15 16
404		45	25	5	14	101	22	4	4 103	237 1 42	43		2	17 18 19 20+21
62 85	6 41	44 284	80 294	262 404	9 10	14 13	6 2	23 92	208 22	144 121	12 68	54 372	148 132	22+23 24 25
2 3 457	69 117	6 6 697	2 5 199	4 2 725	2 2	3 7 34	1 5	92 2 5 221	22 3 2 66	3 2	5 4 5	22 12	2 1 73	26A 26B 27A 27B
1,416		47 4	125 7	393 15						12	7	15 9	149  12	28 29A 29B
21 333 837	378 20 20	246 117 714 7	78 64 214	354 143 2,046	72 20 361	103 69 1,935	44 27 270	144 58 344	46 560	14 68 997	17 59 181	77 50 1,749	132 34 1,044	30 31 32 33+34
770 271 1,024 26,495	9 2,473 4,836	249 96 11,567 5,830	18 98 11,854 2,587	45 146 9,277 4,093	118 3,960 859	23 60 5,612 481	13 1,540 366	301 2,775 865	39 55 1,783 1,338	101 2,931 1,096	121 2,655 2,173	18 143 1,194	10 175 2,090 2,308	01 02 03 04 05+06 07 08 09+10 12 13 33 14 15 16 17 18 18 19 20+21 22+23 24 25 26A 28B 27A 27B 28B 27A 29B 29B 30 31 31 33 44 45 46 46 47 48 49 49 50 51 55 56 56 57 58 58 59 59 59 60 61 61 62 63 64 64 66 64 66 64 66 64 66 66 66 66 66
48 873	987 7 246	3,976 1,054 2,522	920 1,190	4 105 2,114 4,689 81	524 1,090 1,035 1,271	2,667 933 1,135 2,936	325 567 420 143	365 405 458	539 359 933 164	506 493 574 68	161 486 598 51	932 1,095 301	265 1,147 771 65	39 40 41 42 43
 18 744	20	431	1,234	318	163	1,145 17 263	266 69	1,667	10 10 273	9 257	556	66	200	44+45 46 47
53 555 347	48	156 329	2 98 1,107	26 600	399 1,245	1,512 1,574	909 452	347 1,071	2,241 732 1,204 36	3,289 1,311	473 2,026	26 177 15,474	714 847	48 49 50
267	1	11 115	34	1 407	989	359	409	830	1,145	1 1,414	112	2,517	2,851 2,014	52 53 54
84		2	10	4		40		33	40	49	6 84	145 554 32,051	279 1	55 56 57
13	1	1 16	11	6 7	372	340 78	77	71 10	24	19	39 4	14 10	6	58 59A 59B
5		149		3				17		17			589	60 61 62
4 3 641	1 54	10 10 203	7 2 176	5 2 183	26	3 105 85	1 84 19	6 5 47	3 1 39	47	10 58	18 10 110	5 159 61	63 64 65A
2,535 45 342 3	46	1,091 9 248	767 13 193	991 20 276	486 1 144	849 11 240	186 0 71	407 2 160	289 2 149	338 1 179	306 3 140	240 4 689	380 3 177	65B 65C 65D 65E 66
174	24	218	127	2 268	2 58	160	0 50	161	149	181	107	560	115	66 67
2,098 501 233 6,778	141 58 19 947	448 216 62 4,106	553 180 620 2,914	816 367 147 4 015	163 50 31 1,459	331 129 44 3,793	64 30 5 1,448	299 85 26 1,821	184 56 19 2,439	323 102 42 2,529	331 96 27 1,417	547 75 74 13,306	221 74 104 2,608	68A 68B 68C 69A
15 563 138	6 97	49 482 103	34 443 90	4,015 56 532 119	8 180 38	17 396 88	4 93 26	10 246 58	9 202 43	15 273 62	10 249 55	39 1,108 191	29 303 62	69B 70A 70B 71A
543 244 177	28	710 203 61	456 154 120	639 221 118	121 77 34	206 157 64	92 38 9	378 107 33	321 89 24	233 114 53	454 104 38	1,622 397 67	172 108 38	71B 72A 72B
296 240 1,281	40 46 181	175 308 1,928	232 467 1,248	302 492 1,481	118 64 371	203 381 778	24 114 194	98 282 573	67 272 443	130 270 666	79 276 801	1,674 1,173 1,941	150 215 477	73A 73B 73C
153 248 417 28	29 42 69	372 220 203 16	391 171 261 28	639 237 338 18	55 79 83 12	398 167 175 29	92 41 32 3	255 130 116 6	237 103 75 12	368 130 149 10	295 109 111 17	1,378 352 277 108	299 116 113 21	68B 68C 69A 69B 70A 70B 71A 71B 72B 73A 73C 73D 74 75 76 77A 77B 80 81 82 83 83
51 42	10 1	64 48	171 43	64 54	16 14	33 57	7 11	29 23	15 35	23 31	23 13	95 33	27 7	77A 77B 78
39 234 3,143	7 5	23 122 111	20 69	45 99 39	11 36	12 163	2 53	9 44 3	5 130	9 178 12	7 86 2	18 6,544	10 45	79 80 81
														82 83 84
59,407 26,530 <b>85,937</b>	11,641 1,699 13,340	40,957 34,987 <b>75,945</b>	30,822 24,534 <b>55,355</b>	39,484 40,183 <b>79,666</b>	16,492 9,715 <b>26,207</b>	30,890 25,706 <b>56,596</b>	8,799 6,020 <b>14,820</b>	15,955 22,548 <b>38,502</b>	17,557 15,261 <b>32,818</b>	20,506 21,731 <b>42,237</b>	15,474 22,456 <b>37,931</b>	90,733 13,989 <b>104,722</b>	22,540 17,855 <b>40,395</b>	VA T

Table 2.—The Use of Commodities

										IOIIIIIVIJ	ns 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 communica- tion equipment	Electronic components and accessories	Miscella- neous electrical machinery and supplies	Motor vehicles (passenger cars and trucks)	Truck and bus bodies, trailers, and motor vehicles parts	Aircraft and parts	Other trans- portation equipment
	Industry number	53	54	55	56	57	58	59A	59B	60	61
01	Livestock and livestock products										
02 03	Other agricultural products							1	2	1	
04	Agricultural, forestry, and fishery services	35 36	15	14	38 31	183	32 6	48	61 295	103 30	25
07	Coal mining	1			31	3		20	273	12	6
08 09+10	Crude petroleum and natural gas Nonmetallic minerals mining New construction, including own-account construction Maintenance and repair construction, including own-account construction		36			1					
11 12	New construction, including own-account construction	235	137	150	773	2,570	175	869	1,167	1,047	186
13	Urdnance and accessories		137			2,370					
15	Food and kindred products									4	
16 17	Broad and narrow fabrics, yarn and thread mills	1	3		1			160 1,328	58	130 21	79
18	Apparel					2		6,030	14	8 127	229
20+21	Miscellaneous fabricated textile products	31	10	2	4			7	250	23 51	865
24	Furniture and fixtures	167	2 286	144	732 303	13 279	50	6,857 64	97 108	24	69 12 5
25 26A	Paperboard containers and boxes	103 4	227	346 4	189 12	216 17	314 7	23 11	586 10	13 8	5 2
26B	Other printing and publishing Industrial and other chemicals	2 63	5 142	1 58	19 19	9 2,143	2 237	20 902	33 614	27 59	2 15
27B	Agricultural fertilizers and chemicals										
29A	Plastics and synthetic materials	112	585	625	264	360	327	11	788	364	154
29B	Cleaning and toilet preparations	20 78	20 172	30 21	26 63	14	3	11 1,830	7 461	119	169
31	Petroleum refining and related products	187	50	53	48	82	30	166	159	123	79
33+34	Rubber and miscellaneous plastics products	1,049	2,034	820	2,030	2,050	1,752	14,478 3	3,684 1	2,130 1	910
35 36	Glass and glass products	1,059	20 127	431 198	5 19	806 108	21	2,243 312	106 462	15 286	215 28
37	Primary iron and steel manufacturing Primary nonferrous metals manufacturing	1,706 2,041	1,521 1,107	937	431 1,309	759	542 1,419	426 71	11,646 10,796	962	2,426
39	Metal containers		1,107	1,534		3,126				3,247	611
40 41	Heating, plumbing, and fabricated structural metal products	232 866	836	856	721 1,194	535 1,512	123 369	18,113	2,297 5,986	241 1,198	766 404
42	Other fabricated metal products	241 377	426	556	760	4,621	583	4,304 3,752	2,065 523	2,213	812 2,072
44+45	Farm, construction, and mining machinery										43 2
47	Materials handling machinery and equipment  Metalworking machinery and equipment	93	47	80	86	283	70	16 218	13 364	991	2 69
48 49	Special industry machinery and equipment	167	100		25	176	114	81	2,277	317	993
50	Miscellaneous machinery, except electrical	263	48	115	206	755	132	1,179	5,665	1,615	309
52	Computer and office equipment	10 1	560	3	308 3	982 2	144	3,288	325	90	91
53 54	Electrical industrial equipment and apparatus	2,883	996 12	665	240	206	379	9	14	135	1,242 143
55	Electric lighting and wiring equipment	69	352	882	685 6,167	274 455	98 83	1,155 1,549	107	2,026	145 144
57	Electronic components and accessories	765	223	182	23,864	27,032	2,622	5,796	4,303	1,643	1
59A	Miscellaneous electrical machinery and supplies	11		2	288		608	3,378 75	2,727 1,092	32	138 1,207
59B	Truck and bus bodies, trailers, and motor vehicles parts	3		2	5	8	6	64,858	13,081	7 21,782	1,070
61 62	Other transportation equipment	107	911		497	582	122	1,798	6	8,345	1,375 133
63	Ophthalmic and photographic equipment Miscellaneous manufacturing	5	1	4	15	24	6	24	24	17	2
	Railroads and related services: passenger ground transportation	100	81 49	69 44	114	294	50	53 637	10 406	55 134	92
65B 65C	Motor freight transportation and warehousing	331 9	354 4	312 2	343 2	614 17	302 3	3,327 33	1,934 19	511 10	539 3
65D	Air transportation	169	111	101	479	637 5	120	1,589 11	787 6	886 6	179
66	Communications, except radio and TV	166	(*) 80	87	510	621	(*) 74	262	266	263	98
68A	Radio and TV broadcasting	291	143	208	440	1,587	224	571	1,083	579	206
	Gas production and distribution (utilities)	98 34	54 10	74 28	75 43	217 155	54 71	194 120	281 405	107 165	75 50
69A	Wholesale trade Retail trade	2,584 30	1,623 45	1,719 54	6,497 56	8,417 48	2,058 27	16,954 67	9,263 69	3,806 19	2,242 13
70A	Finance	326	169	189	878	1,292	217	1,616	1,164	1,048	272
71A	Insurance	56	37	42	157	244	43	387	235	170	72
71B	Real estate and royalties	284 108	83 69	285 80	991 308	1,561 449	202 78	565 657	508 410	424 354	644 113
72B	Personal and repair services (except auto)  Computer and data processing services, including own-account software	45 93	16	21 87	80	313 936	39	191	273	173 923	25 119
73B	Legal, engineering, accounting, and related services	162	30 75	151	594 918	2,123	68 93	187 1,696	464 875	1,036	243
73D	Other business and professional services, except medical	670 439	290 609	411 550	1,635 675	3,639 1,851	638 237	2,079 943	2,103 2,768	2,088 423	542 235
74	Eating and drinking places	120 118	74 60	93 83	301 266	431 704	96 106	613 16,195	409 615	343 432	126 87
76	Amusements	12	9	7	71	111	8	167	127	89	9
77B	Health services Educational and social services, and membership organizations	25	46	17	113	289	20	348	159	157	25
79	Federal Government enterprises	29 9	50 13	20 10	115 16	65 86	15 10	153 132	222 101	101 26	15 6
80	Noncomparable imports Scrap, used and secondhand goods	326	59	326	742	525	513 66	790	593 21	169	37
82	General government industry										
84	Rest of the world adjustment to final uses										
1	Inventory valuation adjustment	19,663	15,257	13,778	57,802	77,415	15,805	196,031	97,883	64,083	23,313
VA T	Value added Total Industry Output	19,639 <b>39,302</b>	15,257 7,159 <b>22,416</b>	13,331 <b>27,109</b>	31,730 <b>89,532</b>	54,973 <b>132,387</b>	11,062 <b>26,867</b>	33,709 <b>229,740</b>	39,167 <b>137,050</b>	62,623 <b>126,706</b>	21,059 <b>44,372</b>
	Total madding output	37,302	22,410	21,109	07,032	132,307	20,007	227,140	107,000	120,700	77,312

<sup>\*</sup> Less than \$500,000.

**by Industries**, **1998**—Continued at producers' prices]

Scientific and controlling instruments	<u> </u>	Miscella- neous manu- facturing	Railroads and related services; passenger ground trans-	Motor freight transporta- tion 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 produc- tion and distribution (utilities)	Water and sanitary services	Wholesale trade	Commodity number
62	63	64	portation 65A	65B	65C	65D	65E	66	67	68A	68B	68C	69A	
		5 41		1	3	1		2		1	1		113	01 02
86 14		28 13 11	2	4	4			100	8	26			612	03 04 05+06
30	14	2 6			6		127			13,108 7	39,105		10 5 9	07 08 09+10
901	182	236	4,037	1,310	47	273	1,318 5	13,224	379	15,625	9,024	2,132	4,398	11 12 13
20		78 511			82	255							689	14 15 16
710 23 1	1	25 241 14	37	14 5 13	2 79 79	11 7	95 252	2 149 8		3			70 436 305	17 18 19
95 48 425	661	689 40 255	27	63	11	43	24	48 325	2 15	12 71	4 19	201	3,408	20+21 22+23 24
615 16 44	6	837 11 31	6 14 223	159 78 418	51 28	4 24 168	105 33 270	166 212 1,250	7 12 10	19 12 84	5 2 12	3 4 4	5,191 430 7,866	25 26A 26B
190 619		500 128	134	126	13	98	10	20	18	325	2	479	408 417 7	27A 27B 28
33 101	11	36 322		2 126	64	5 3		7 37 152		3	3	2	84 648 30	29A 29B 30
106 2,895	27	130 1,644 51	2,021 350 1	4,956 2,722 2	289 122	7,490 40 1	144 180 1	266 790 2	27 6	1,350 196 1	208 10 1	323 217	2,768 3,986 8	31 32 33+34
452 253 1,140	139 12 39	16 152 997	82 3 451	6	8 2	1 3	11 1	41		(*) 8		19 60	207 187 127	35 36 37
1,814 16 1,029		2,084 147	1	5	48			26		122 1		1	204 669 157	38 39 40
2,055 2,326	241	209 768	12 396 250	737	3 309 442	71 102	126 34	551 487 404	3	55 43 292	10	87	3 948	01 02 03 05+06 05+06 09+10 111 13 14 15 16 16 16 17 18 19 20+21 22+23 24 25 26A 26B 27A 27B 28 29A 29B 29A 31 33 33 33 33 34 44 45 55 56 57 57 58 59 59 59 59 59 59 59 59 59 59 59 59 59
194	37	129	105	7 53	133	41		10		20 117	24		36 39 940 337	44+45 46
94 546	4	23 366	453 133	4 61 89	385 131	6 156	144	715 33	7	73 234	2 6	2 18	109 71 1,137	48 49 50
1,419 3 1,492		16 3 193	111 362	7 11 262	12	5 3 25	24 6 38	708 6 744	30	15 1 235	92 1	8	804 242 141	51 52
363 1,515	6	16	28	60	4 3	8 1	9	177	40	143	1	27	262 177	54 55 55
11,043 46	548 3	212 17	26 105	198	30	183 48	95	6,366 5,926 308	152 9	112	22	34	7,272 529	57 58
9	5	6	533	1,062	1	20 9,415	46	62	4	15	9	1,323	1,547	59B 60
3,820 20 10	134 628	9	1,660	30 59	689 3 5	13 16	28	44 100	(*) 20	138	6 5	538	84 386	62
146 614	70	2,889 109 585	14 2,986 539	44 445 45,178	59 16 95		31 45 283	173 339 485	5 29 61	30 5,315 773	6 45 51	5 34 119	674 928 3,588	65A 65B
525 5	1	11 171 1	19 308 541	1,107 2,342 7,303	7,534 72 1,800	54 8,401 12,322	65 396 1,099	32 1,307 19	(*) 103 1	572 533 27	19 381 545	4 66 5	71 4,899 479	65C 65D 65E 66
755	117	172 273	532 95	2,791 1,281	131	1,477	1,393 468	51,299 233 1,153	823 1,268 196	368	129	109	17,969	67 68A
101 81 5,546 78	23	106 36 4,029	1 143 1,488	145 2,876 4,562	9 32 376	17 167 1,504	5 43 320	163 422 3,330	6 59 93	5,524 243 869	20,251 19 462	464 1,394 473	1,614 1,445 24,637	68C 69A
1,062 200	211	71 348 88	246 869 340	923 1,976 1,912	12 1,112 60	51 2,285 279	34 1,009 357	117 3,913 720	11 344 266	44 3,380 522	26 874 133	138 155 320	2,138 9,618 2,314	70A 70B
1,285 372	135 69	552 125	811 170	4,964 836	934 50	1,798 363	962 133	6,594 1,110	1,282 97	1,747 458	294 129	73 48	26,976 3,258	71A 71B 72A
92 561 1,489	82 64	39 78 295	61 1,264 543	143 584 1,343	34 206 775	366 2,973 1,288	110 4,730 2,514	2,622 5,168 12,913	133 583 558	103 2,378 1,966	3 371 2,301	73 57 811	2,125 10,131 11,760	72B 73A 73B
3,439 1,891 399	362 73	909 1,720 153	1,803 286 222	6,663 483 754	3,978 1,315 47	2,381 1,728 2,288	1,857 1,243 126	9,317 6,083 1,003	1,359 1,110 87	2,999 155 510	806 22 125	361 1 47	53,396 23,215 2,996 7,473	73D 73D
309 79	18	133 24	986 37	12,301 207 83	17 19	123	255 35	2,304 5,237	206 19,822	241 128	150 63	46	1,499	68A 68B 69A 69A 70A 70B 71A 71B 72A 73B 73C 73D 74 75 76 77A 77B 80 81 82 83 84
240 129 25	4	182 112 12	114 70 136	111 330 315	173 12	88 96 40	424 184 12	446 1,209 132	106 45 20	993 518 31	50 105 9	12 38	1,825 5,533 594	77B 78 79
419	276	124 1	271	1,041 4	2,685	9,122	405	8,276		48	89	4	7,560 1	80 81 82
														83 84 85
57,580 73,107 <b>130,687</b>	8,760 14,824 <b>23,584</b>	25,599 27,480 <b>53,079</b>	26,364 45,340 <b>71,704</b>	115,890 128,769 <b>244,658</b>	24,704 11,090 <b>35,794</b>	68,738 67,144 <b>135,881</b>	21,725 24,349 <b>46,074</b>	159,584 189,245 <b>348,829</b>	29,474 15,590 <b>45,064</b>	62,969 136,749 <b>199,717</b>	76,091 22,927 <b>99,018</b>	10,862 12,706 <b>23,568</b>	286,776 525,684 <b>812,459</b>	VA T

Table 2.—The Use of Commodities

											[IVIIIIVI]	or dollars at
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	Legal, engineering, accounting, and related services	Other busi- ness and professional services, except medical	Advertising
	Industry number	69B	70A	70B	71A	71B	72A	72B	73A	73B	73C	73D
03 04	Livestock and livestock products Other agricultural products Forestry and fishery products Agricultural, forestry, and fishery services Metallic ores mining.	3 1,089	5 217	2 113	5,793	31 5,315	6 5 470	75	5 223	8 222	88 4 234	18
07 08	Coal mining	5 2	2			4	2	3		1	1	
12 13	New construction, including own-account construction Maintenance and repair construction, including own-account construction Ordnance and accessories Food and kindred products Tobacco products.	8,297 158	1,960	942	26,174	37,439	2,391	740	1,029	577	1,721 116 26	
18	Broad and narrow fabrics, yarn and thread mills.  Miscellaneous textile goods and floor coverings.  Apparel.	85 46 49	1			1	9 15 68	181 40 491		2	10 10 149	
19 20+21 22+23 24	Miscellaneous fabricated textile products Lumber and wood products Furniture and fixtures Paper and allied products, except containers	48 207 1 5,100	157 145 1,320	38 91 448		19 82 2 678	666 22 293	347 69 425	75 3 2,343	139 3 832	13 173 2 2,242	21 8 82
25 26A 26B 27A 27B 28	Paperboard containers and boxes  Newspapers and periodicals Other printing and publishing Industrial and other chemicals Agricultural fertilizers and chemicals Plastics and synthetic materials	1,207 199 670 46 34 15	173 546 3,773 50	64 58 1,711 21	3 407	97 40 727 52 167	161 84 152 14 140	73 54 1,074 182	2,545 74 127 2,526 23	123 223	1,041 338 3,203 1,884	10
29A 29B 30	Drugs	186 56	27 1	3 50		67 28	97 1	927 9	18	39	674 148	
35 36	Petroleum refining and related products. Rubber and miscellaneous plastics products. Footwear, leather, and leather products. Glass and glass products. Stone and clay products.	2,830 2,675 255 14 33	454 172 13 24 16	114 322 5 18	76	474 453 6 8 577	152 334 5 166 57	303 482 353 4 12	226 563 7 6	212 313 43 275 60	1,598 1,824 78 501 129	35
37 38 39 40 41	Primary iron ánd steel manufacturing.  Primary nonferrous metals manufacturing.  Metal containers.  Heating, plumbling, and fabricated structural metal products.  Screw machine products and stampings.	12 4 4 2 9		17	83	9 52		10 94 9 116		4	135 33 31 169	
42 43 44+45 46	Other fabricated metal products	914 334 24	341 7	262	267	241	51	320 7	124	247	584 213 77 277	14
47 48 49 50	Materials handling machinery and equipment.  Metalworking machinery and equipment Special industry machinery and equipment General industrial machinery and equipment Miscellaneous machinery, except electrical.	77 51 29 335		1		6 7 14 10	211	18 42 49 122	13 9 55	18 9 109	1,018 873 534 694	8
51 52 53 54 55	Computer and office equipment. Service industry machinery. Electrical industrial equipment and apparatus. Household appliances. Electric lighting and wiring equipment	243 142 46 17 303	535 2 20 1 44	372 1 4 21		96 3 5 64 43	17 8 14 20 18	646 434 65 1,557	20,327 3 360	868 5 5	940 265 1,545 4 350	79 3 2
56 57 58 59A	Audio, video, and communication equipment  Electronic components and accessories  Miscellaneous electrical machinery and supplies	39 224 432	44 42 59 284	6 1 248		7 1 60	5	29 19 963 73	12 10,996 809	30 21 511	38 900 559	2 1 19
59B 60 61 62	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.	2,395 2 89	91	72 10 111		80 3	47	101	55	53	877 506 246	35
63 64 65A	Ophthalmic and photographic equipment Miscellaneous manufacturing Maliroads and related services: passenger ground transportation.	190 577 674 2,319	404 670 545 5,331	276 166 417	6 22	62 126 172 531 729	25 25 92 83 391	871 1,740 104 700	161 216 248 290 581	449 360 243 985	1,023 1,196 929 2,751	32 85 30 69
65D 65E 66	Motor freight transportation and warehousing Water transportation Air transportation Pipelines, freight forwarders, and related services. Communications, except radio and TV.	34 2,568 61 8,402	12 2,049 27 11,155	1,403 17	(*) 1	5 1,721 25 5,068	3 420 1,191 1,071	9 365 7 1,593	6 1,321 15 7,716	10 1,376 14 4,743	62 3,143 54 8,276	1 104 1 483
68B 68C	Radio and TV broadcasting Electric services (utilities) Gas production and distribution (utilities) Water and sanitary services	13,758 1,119 2,258 3,389	2,154 588 1,255 2,154	381 49 158	202	6,274 1,104 4,489 968	2,894 475 1,020	1,224 439 561	894 75 121	1,351 157 160	1,745 445 459 5,745	326 132 9 5 493
	Wholesale trade Retail trade Finance Insurance Owner-occupied dwellings	2,521 15,127 2,513	152 162,984 2,077	826 128 31,872 95,504	210 210 17,450 13,860	285 6,872 6,458	430 142 5,142 157	2,326 106 1,147 295	6,480 77 3,160 314	1,526 73 4,778 437	1,094 5,632 1,293	24 246 57
71B 72A 72B 73A	Real estate and royalties	51,870 2,426 2,381 5,780	20,776 1,759 523 19,146	10,429 1,351 227 2,434	20,491	56,908 1,700 1,525 693	4,985 365 582 477	6,609 288 5,336 723	23,364 879 600 34,630	18,205 1,486 277 9,566	14,273 2,616 1,069 9,515	215 95 42 216
73C 73D 74 75	Legal, engineering, accounting, and related services.  Other business and professional services, except medical.  Advertising.  Eating and drinking places.  Automotive repair and services.	6,481 35,567 39,942 2,857 4,461	20,603 30,889 12,754 1,573 1,619	10,089 15,507 3,599 1,233 6,047	2,765 2,424	12,478 23,111 6,049 1,534 6,219	783 8,497 1,563 449 524	4,612 4,108 2,955 313 632	4,951 14,505 3,075 903 1,974	29,027 38,665 1,205 850 1,561	11,552 39,992 4,771 2,734 3,747	1,885 3,754 254 85 512
76 77A 77B 78 79 80	Amusements.  Health services.  Educational and social services, and membership organizations.  Federal Government enterprises  State and local government enterprises  Noncomparable imports.	927 726 4,418 680 163		362 445 2,348 54 1,403		623 2,026 1,069	83 163 388 259 170	397 650 144 41	270 1,202 1,985 55 1,022	1,156 3,103 104 885	1,263 4 1,937 3,467 196 2,309	1,016 94 223 10 71
81 82	Scrap, used and secondhand goods. General government industry Rest of the world adjustment to final uses Household industry Inventory valuation adjustment	1		1		1		1	1,022		1	
Ĩ	Trotal intermediate inputs Value added Total Industry Output	243,259 496,593 <b>739,852</b>	440,673		90,233 541,426 <b>631,659</b>	196,228 593,379 <b>789,607</b>	38,553 44,717 <b>83,270</b>	49,009 77,702 <b>126,711</b>	151,095 208,836 <b>359,931</b>	130,338 245,960 <b>376,298</b>	160,366 452,586 <b>612,952</b>	32,054

<sup>\*</sup> Less than \$500,000.

**by Industries**, **1998**—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		
414 2,635 3,497	3	125 300 16	74 283 64	116 175	22 26					95,073 88,898 17,699	01 02 03 00+06 05+06 09+10 111 13 14 15 16 16 17 18 19 20+21 22+23 24 25 26A 26B 27A 27B 29A 29B 30 31 31 32 33+34 43+35 36 37 37 38 39 40 41 44 45 55 56 57 58 59 59 59 59 59 59 59 59 59 59
321 5	114	436	1,749 6	632	979	512 1,158 860				43,894 8,603 20,526 131,408	04 05+06 07
2,948	929	1,787	4,802	11,780	2,718	65				15,881 271 218,700	09+10 11
76,401	727	1,767 32 1,251	5,322	4,234	631	23,170				157 193,067 3,508	13 14 15
34	62 85	125 13 171	43 63 802	81 8 96	17 1 2	13 12 41				43,488 12,673 16,114	16 17 18
232 63	202 24 453	63 124 1	1,003 252 3	88 568 1	268 741	2				14,099 113,386 11,900	19 20+21 22+23
935 1,142 45	265 136 79	321 142 120	2,546 986 636	1,600 483 1,508	213 251 16	62				98,734 39,714 5,504	24 25 26A
589 252	137 316	361 450 290	3,200 10,313 42	12,019 290 56	1,321 129	216 2,316 239				65,506 120,141 19,688	26B 27A 27B
65	94	11 47	218 21,272 824	98 243	83	4 64				60,770 33,858 9,841	28 29A 29B
5 577 2,877 2	517 1,468 4,528	103 325 249 101	5 1,050 8,724 31	147 988 1,056 117	1,225 32 92	1,962 154				15,999 77,317 143,817 4,632	30 31 32
675 543	1,043 76	6 4	1,561 498 3	308 14 37	5	87 791				21,310 69,714 116,602	35 36 37
4	7	20	8	2	73	3				94,933 13,119 69,816	38 39 40
82 130 4	2,132 3,000 1,765	37 157	450 557 2	99 414 12	45 19 340	3 50 100				52,408 76,128 16,257	41 42 43
 1	46	12	17	21	22 9	324				7,475 5,185 13,908	44+45 46 47
235 285 40	66 34 389	41	7 7 151	118	14 184	21 1,030				7,042 23,807 33,645	48 49 50
26 38 5 22	17 1,039 635	60 141 4	1,881 110 130	82 54 31	5 51	504 806				46,465 22,665 31,743 4,474	51 52 53
114 18	816 34 333	175 12 1	38 927 48 283	32 309 80 200	45	16 130 29 40				25,982 23,314 139,150	55 56 57
51 454	1,077 103 25,112	665	264	289 421	36 1,816	148				18,281 2,477 119,401	58 59A 59B
	2 216	6 58	14,264	13 530	14	139 32				33,433 4,739 38,546	60 61 62
16 847 617	47 60 364	64 434 158	1,174 430 972	388 1,151 344	17 42 890	10 50 725				7,705 16,638 40,085	65A
3,124 32 1,306	1,315 23 1,006	502 18 655	2,563 47 3,736	1,360 39 1,241	2,372 2,361 2,458	1,004 705 168				165,264 15,779 63,224	65B 65C 65D
18 1,391	371 2,103	10 1,662	8,370	30 3,495	18 469	30 597				31,524 166,320 1,827	65E 66 67
6,163 1,104 1,905 16,552	1,578 440 599 7,390	2,778 230 425 3,003	8,676 1,651 2,247 14,470	2,769 680 976 4,981	502 361 731 1,195	4,098 3,753 1,633 1,400				110,788 64,744 35,898 394,484	68A 68B 68C
437 3,672 529	1,435 3,932 1,077	185 1,748 322	580 5,544 3,395	486 7,053 840	26 1,170 277	26 2,173 252				58,673 343,557 151,107	69B 70A 70B
16,372 978	11,186 708	12,795 544	52,584 3,346	32,394 1,016	1,201 40	2,872 55				492,963 38,642	71A 71B 72A
862 1,000 3,018	2,382 981 1,675	527 907 4,362	1,810 7,609 12,916	684 4,086 4,884	27 213 351	138 336 4,552				31,528 142,963 269,804	68B 69A 69B 70A 70B 71A 71B 72A 72B 73A 73B 73C
9,584 7,363 5,380	5,355 3,423 662	7,925 6,975 576	48,973 3,491 5,316	26,428 8,096 1,966	3,632 10 113	2,443 325 123				518,753 196,008 47,178	73C 73D 74
1,578 3,973	3,027 197	1,296 27,491 56	5,889 541 15,181	2,169 1,701	457	608				104,016 69,355 17,783	75 76 77A
534 572 451 223	151 746 325 23	278 743 107 367	2,259 7,155 473 48	1,751 3,110 245 30	40 118 90 1,144	119 354 2,473				22,303 66,367 10,628 69,413	74 75 76 77A 77B 78 80 81 82 83
1	442	-240	48	30	1,144					8,579	81 82 83
185,385	100,375	85,425	307,504	153,850	31,775	66,566				6,650,777	84 85 I
188,813 <b>374,198</b>	109,266 <b>209,641</b>	117,204 <b>202,629</b>	457,102 <b>764,606</b>	169,901 <b>323,751</b>	61,233 <b>93,009</b>	62,073 <b>128,639</b>	954,171 <b>954,171</b>	14,351 <b>14,351</b>	21,538 <b>21,538</b>		VÁ T

Table 2.—The Use of Commodities

	For the distribution of output of a commodity,					
Commodity number	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 business inventories	Exports of goods and services	Imports of goods and services
number	read the column for that industry  Industry number	91	92	93	94	95
01	Livestock and livestock products	4,203		-142	958	-2,575
02 03	Other agricultural products	24,672 4,715		1,395 –17	16,666 1,905	–12,326 –8,529
04 05+06		1,006	727	32	34 1,025	-8 1,300
07	Coal mining	55	229	414 -71	2,033 3,173	-325 -47,240
			542,027	11	730	-1,204
12 13	Maintenance and repair construction, including own-account construction	1,555	35,062 241	122	78 2,890	-817
14	Food and kindred products	290,997 35,717		1,343	26,701 5,965	-30,188 -1,068
16	Tobacco products	1,898		2,126 356	3,307	-5,456
17 18	Broad and narrow fabrics, yarn and thread mills Miscellaneous textile goods and floor coverings Apparel	7,134 100,336	2,865	172 2,108	2,280 8,454	-2,683 -62,541
19 20+21	Miscellaneous fabricated textile products	16,506 3,264	10,846	407 1,311	995 5,030	–5,140 –14,996
22+23	Furniture and fixtures	33,174 16,342	24,313	601 978	4,303 10,859	–13,662 –16,176
25 26A	Paperboard containers and boxes	470 17,878		415 -36	1,319 782	-565 -237
26B 27A	Other printing and publishing Industrial and other chemicals	23,156 2,179		1,091 326	3,685 23,140	-3,031 -22,028
27B	Agricultural fertilizers and chemicals	2,627	1,694	229	4,723 12,536	-3,659 -7,612
29A	Drugs	73,132		2,225	11,098	-31,473
30	Paints and allied products	37,464 618		721 126	4,405 1,209	-3,280 -516
32	Petroleum refining and related products	50,408 20,739	351	-1,384 1,437	8,499 12,234	–11,385 –21,521
33+34 35		20,116 2,186		181 303	1,799 2,346	-18,382 -3,853
36 37	Stone and clay products	3,569 77	47	524 1,685	2,324 4,859	-8,539 -21,913
38	Primary nonferrous metals manufacturing	77	67 69	713 169	9,667 303	-19,557 -296
40		480 1,912	4,483	614 511	3,135 2,728	-2,523 -2,889
42	Other fabricated metal products	5,750	3,616	1,213	8,938	-16,202
44+45	Engines and turbines	226 496	4,364 39,916	175 1,727	9,359 14,200	-4,490 -11,273
46 47	Metalworking machinery and equipment	1,340	11,180 30,195	238 190	2,223 6,017	-3,665 -11,724
48	Special industry machinery and equipment	225	28,213 16,973	-41 666	6,892 11,392	-10,248 -12,896
50	Miscellaneous machinery, except electrical	120 12,869	854 67,317	556 -1,235	4,036 37,791	-2,768 -71,783
52	Service industry machinery Electrical industrial equipment and apparatus	1,162 277	10,539 10,654	603 466	5,221 6,356	-3,656 -10,343
54	Household appliances	17,421	3,774	261	2,947	-6,846
56	Electric lighting and wiring equipment	2,171 27,945	315 48,634	346 2,398	4,594 19,890	-7,785 -40,509
58	Electronic components and accessories	252 8,843	2,785	311 364	38,422 7,701	-42,249 -12,505
59A 59B	Motor vehicles (passenger cars and trucks)  Truck and bus bodies, trailers, and motor vehicles parts	140,843 6,442	145,479 10,944	1,180 690	23,673 28,251	-93,073 -33,520
60	Aircraft and parts	322 18,508	20,045 11,905	8,704 682	59,631 4,925	-20,384 -5,958
62	Scientific and controlling instruments Ophthalmic and photographic equipment	8,049 7,685	59,230 7,464	932 375	29,163 4,070	-23,986 -10,756
64	Miscellaneous manufacturing	53,099	7,805	1,524	6,033	-36,292 -199
65A 65B	Railroads and related services; passenger ground transportation	26,601 36,578	1,301 6,503	242 838	5,076 15,211	-1,910
65D	Air transportation	6,440 56,033	2,684	10 135	9,420 29,726	4,658 –16,789
66	Pipelines, freight forwarders, and related services	4,482 144,911	7,501	-33	3,125 6,613	
68A	Radio and TV broadcasting	3,750 96,346			453	
68B		32,546 29,793		58	420 64	1,120
69A	Wholesale trade	213,698 659,713	87,088 25,387	5,127	70,265 33	19,586
70A	Finance	336,268			33,197	-891
71A	Insurance	196,833 631,659			3,246	-8,987
72A	Real estate and royalties Hotels and lodging places	204,249 41,874	51,135		36,711 120	-18
72B 73A	Personal and repair services (except auto)	91,759 10,252	145,416	20	78 4,571	-596
73B	Legal, engineering, accounting, and related services	60,186 31,190	21,552		9,694 9,811	-1,796 -3,750
73D	Advertising	1,090 329,080			774 739	-1,254
75	Automotive repair and services	153,378		5	1.591	-6 244
77A	Amusements Health services	127,297 838,616			10,274 227	-344 -10
78	Federal Government enterprises	325,789 8,731			577 290	-566
79 80	State and local government enterprises	32,842 47,744				-127,801
81	Scrap, used and secondhand goods General government industry	35,726	-48,174	1,871	6,057	-5,748
83	Rest of the world adjustment to final uses Household industry	-86,530 14,351			87,374	-35
84 85	Inventory valuation adjustment			21,538		
VA	Total intérmediate inpúts					
	Total Industry Output	5,856,029	1,465,618	73,127	895,637	-1,047,382

**by Industries**, **1998**—Continued at producers' prices]

		Federal Government of expenditures and gros			State and expend	local government ditures and gross in	consumption nvestment		Tekel		
otal	National defense: Consumption expenditures	National defense: Gross investment	Nondefense: Consumption expenditures	Nondefense: Gross investment	Total	Consumption expenditures	Gross investment	GDP	Total commodity output	Commodit	
	96C	961	97C	971	Total	98C+99C	981+991				
1 70	1		1 70		277 1,219	277 1,219		2,722 31,696	97,795 120,594		
-416 35	-2 25		-414 10		-715 2,513	-715 2,513		-3,057 3,579	14,642 47,473		
-293 32	-293 (*)		1 31		52	52		2,791 2,261	11,394 22,787	05	
-8 -1	-6		-8 5		39	39		-43,918 -375	87,491 15,505	09	
5,897 0,613	7,649	5,412	2,965	10,485	138,421 45,109	45,109	138,421	696,346 90,862	696,617 309,562	07	
4,851 235	7,073 164	5,035	878 71	1,866	179 11,498	179 11,498		19,021 300,587	19,178 493,653		
114	93		20		-43 560	-43 560		42,698 779	46,206 44,267		
41 402	3 401		31	8	132 1,648	105 1,648	26	9,940 50,406	22,613 66,520		
127 28	79 9		48 18		697 300	697 300		13,592 5,783	27,692 119,168	20	
163 633	69	24	564	138	4,336 4,933	5 4,933	4,331	53,226 17,569	65,126 116,303	22	
103 123	47 5		56 117		275 1,039	275 1,039		2,016 19,549	41,730 25,053		
1,466 4,298	281 1,806		1,185 2,492		8,641 5,526	8,641 5,526		35,007 15,135	100,513 135,276		
21	3		18 10		641	641		4,583 4,940	24,270 65,711		
960 160	736 97		225 63		7,015 1,118	7,015 1,118		62,958 40,589	96,816 50,430		
15 1,925	1,580		15 345		1,277 14,238	1,277 14,238		2,729 62,301	18,728 139,618		
682	449 34		180 4	53	3,070 270	3,070 270		16,991 4,022	160,807 8,654	33	
113 131	5 14		108 117		236 300	236 300		1,331 -1,691	22,642 68,023	33	
267 365	255 160	74	11 103	28	286 44	286 44		-14,693 -8,625	101,909 86,308		
18 804	18 18 367	62	325	51	9	9	1	273 7,007	13,392 76,823		
189 645	148 242	253	41 121	28	143 2,196	143 1,388	808	2,593 6,156	55,001 82,284		
451 593	102 2	82	(*) 23	267 34	317 2,655	203 109	113 2,546	10,402 48,314	26,658 55,789	44	
62 80	5	50 42	4 31	8 2	27 633	194	27 438	10,064 26,731	15,249 40,638	-	
78 366	1 164	42 159	25 11	10 33	260 575	123 100	137 475	25,379 17,077	32,421 40,884		
1,072 2,784	678 211	274 968	27 1,052	93 553	431 5,057	302 962	130 4,095	4,302 52,799	37,947 99,264		
88 1,097	46 594	9 156	32 246	2 101	1,151 852	639 122	512 730	15,108 9,360	37,772 41,103		
57 434	39 305	15	1 1 129	2	225 876	30 864	195 12	17,839 952	22,313 26,933		
8,490 939	3,415 704	2,213	166 235	2,696	1,636 308	106 308	1,530	68,484 -2,016	91,799 137,134		
1,408 1,163	339	729 671	195 18	145 472	600 8,936	306	294 8,936	9,196 228,200	27,477 230,676		
371 7,528	152 19,767	88 6,001	25 965	107 795	2,530 98	2,517	13 98	15,707 95,943	135,108 129,376		
8,099 4,683	1,002 4,436	6,904 7,177	68 1,692	124 1,378	1,234 6,480	60 3,487	1,174 2,993	39,394 94,552	44,133 133,097		
721 1,056	244 14	405 45	68 -1,120	5 5	3,457 2,835	2,466 2,101	991 734	13,016 33,947	20,721 50,585		
673 3,948	375 3,007	8 146	286 759	4 36	5,889 3,775	5,809 3,327	80 449	39,583 64,943	79,667 230,207		
1,671 3,128	1,569 2,064	120	103 901	44	485 4,741	485 4,622	(*) 118	22,691 79,657	38,469 142,881		
27 6,517	23 1,913		4 4,603		345 11,925	345 11,925		7,945 177,466	39,469 343,786		
2,571	1,548		1,023		21,060	21,060		3,750 119,304	5,576 230,091		
572 1,119	270 628		302 491		4,781 1,558	4,781 1,558		38,377 32,534	103,121 68,432		
4,362	1,585	1,642	588 2	547	17,851	12,750	5,101	417,975 685,135	812,459 743,808		
1,394 1,435	33		1,394 1,401		15,756 962	15,756 962		385,724 193,488	729,281 344,595		
3,539	401		3,137		14,231	14,231		631,659 309,847	631,659 802,810		
688	602 86		86 9		961 3,682	961 3,682		43,644 95,614	82,286 127,143		
6,450 4,641	8,223 4,354	10,032	2,162 287	16,033	23,216 6,231	10,335 6,231	12,882	219,329 100,507	362,292 370,311		
0,751	14,121 85		6,631 6		24,035 2,238	24,035 2,238		82,038 2,939	600,791 198,947		
1,400 353	322 283		1,078 71		-3,661 5,475	-3,661 5,475		327,559 160,796	374,737 264,812		
1,205 798	1,192 19		12 778		-2,966 -93,588	-2,966 -93,588		135,464 746,044	204,820 763,827		
9,130 1,148	226 1,238		8,904 -90		-34,480 3,687	-34,480 3,687		300,450 13,856	322,753 80,223		
240 0,644	1,236 152 8,111		88 2,533		1,037	1,037		34,118 -69,413	44,746		
1,231 5,832	556 193,000	33	2,533 85 102,832	558	3,055 658,339	441 658,339	2,614	-5,982 954,171	2,597 954,171		
-809	173,000		-809					14,351	14,351		
								21,538	21,538		
9,211	299,722	49,404	153,375	36,710	999,283	808,280	191,003	8,781,523	15,432,301		
	i	1		1	1	1		i	1	ı	

Table 5a.—Industry-by-Commodity Total Requirements Backward Linkages, 1998

Commodity number	Description	Backward linkage	Commodity number	Description	Backward linkage
01	Livestock and livestock products	. 2.958	52	Service industry machinery	2.111
02	Other agricultural products	. 1.983	53	Electrical industrial equipment and apparatus	1.988
03	Forestry and fishery products			Household appliances	
	Agricultural, forestry, and fishery services			Electric lighting and wiring equipment	
	Metallic ores mining			Audio, video, and communication equipment	
07	Coal mining			Electronic components and accessories	
	Crude petroleum and natural gas			Miscellaneous electrical machinery and supplies	
	Nonmetallic minerals mining			Motor vehicles (passenger cars and trucks)	
11	New construction		50R	Truck and bus bodies, trailers, and motor vehicles parts	
	Maintenance and repair construction		60	Aircraft and parts	
				Other transportation equipment	
13	Ordnance and accessories			Scientific and controlling instruments	
-	Food and kindred products			Ophthalmic and photographic equipment	
15					
	Broad and narrow fabrics, yarn and thread mills			Miscellaneous manufacturing	
	Miscellaneous textile goods and floor coverings			Railroads and related services; passenger ground transportation	
				Motor freight transportation and warehousing	
				Water transportation	
	Lumber and wood products		65D		
22+23	Furniture and fixtures	. 2.053		Pipelines, freight forwarders, and related services	
24	Paper and allied products, except containers	. 2.160		Communications, except radio and TV	
25	Paperboard containers and boxes	. 2.285		Radio and TV broadcasting	
26A	Newspapers and periodicals	. 1.648		Electric services (utilities)	
	Other printing and publishing		68B	Gas production and distribution (utilities)	2.963
	Industrial and other chemicals		68C	Water and sanitary services	1.965
27B	Agricultural fertilizers and chemicals	. 2.349	69A	Wholesale trade	1.596
	Plastics and synthetic materials		69B	Retail trade	1.557
	Drugs		70A	Finance	1.724
29B	Cleaning and toilet preparations.			Insurance	
30	Paints and allied products			Owner-occupied dwellings	
31	Petroleum refining and related products	2.988		Real estate and royalties	
	Rubber and miscellaneous plastics products			Hotels and lodging places	
	Footwear, leather, and leather products			Personal and repair services (except auto)	
				Computer and data processing services	
	Glass and glass products			Legal, engineering, accounting, and related services	
	Stone and clay products			Other business and professional services, except medical	
	Primary iron and steel manufacturing			Advertising	
	Primary nonferrous metals manufacturing				
39	Metal containers			Eating and drinking places	
	Heating, plumbing, and fabricated structural metal products			Automotive repair and services	
41	Screw machine products and stampings			Amusements	
	Other fabricated metal products			Health services	
	Engines and turbines			Educational and social services, and membership organizations	
	Farm, construction, and mining machinery			Federal Government enterprises	
	Materials handling machinery and equipment			State and local government enterprises	
	Metalworking machinery and equipment			Noncomparable imports	
48	Special industry machinery and equipment	. 2.034	81	Scrap, used and secondhand goods	0.000
49	General industrial machinery and equipment	. 1.943	82	General government industry	1.000
50	Miscellaneous machinery, except electrical	. 1.810		Rest of the world adjustment to final uses	
51	Computer and office equipment			Household industry	
				Inventory valuation adjustment	

Noтe.—The backward linkage for a commodity represents the total output required from all industries to supply \$1 of final demand for that commodity.