Section 21

Manufactures

This section presents summary data for manufacturing as a whole and more detailed information for major industry groups and selected products. The types of measures shown at the different levels include data for establishments, employment and payroll, value and quantity of production and shipments, value added by manufacture, inventories, and various indicators of financial status.

The principal sources of these data are U.S. Census Bureau reports of the censuses of manufactures conducted every 5 years, the *Annual Survey of Manufactures,* and *Current Industrial Reports*. Reports on current activities of industries or current movements of individual commodities are compiled by such government agencies as the Bureau of Labor Statistics; the Economic Research Service of the U.S. Department of Agriculture; the International Trade Administration; and by private research or trade associations.

Data on financial aspects of manufacturing industries are collected by the Census Bureau (see especially Tables 983–985) as part of the Quarterly Financial Report. Industry aggregates in the form of balance sheets, profit and loss statements, analyses of sales and expenses, lists of subsidiaries, and types and amounts of security issues are published for leading manufacturing corporations registered with the Securities and Exchange Commission. The BEA issues data on capital in manufacturing industries and capacity utilization rates in manufacturing. See also Section 15, Business Enterprise.

Several private trade associations provide industry coverage for certain sections of the economy. They include the Aluminum Association (Table 992), American Iron and Steel Institute (Tables 993 and 994), Consumer Electronics Association (Table 1000), and the Aerospace Industries Association (Tables 1005 and 1007). Machine tool consumption data (Table 996) is produced jointly by the Association for Manufacturing Technology and American Machine Tool Distributors Association.

Censuses and annual surveys—The first census of manufactures covered the year 1809. Between 1809 and 1963, a census was conducted at periodic intervals. Since 1967, it has been taken every 5 years (for years ending in "2" and "7"). Results from the 2002 census are presented in this section utilizing the North American Industry Classification System (NAICS). For additional information see text, Section 15, Business Enterprise, and the Census Bureau Web site at <http://www.census.gov/econ/census02/>. Census data, either directly reported or estimated from administrative records, are obtained for every manufacturing plant with one or more paid employees.

The *Annual Survey of Manufactures* (ASM), conducted for the first time in 1949, collects data for the years between censuses for the more general measure of manufacturing activity covered in detail by the censuses. The annual survey data are estimates derived from a scientifically selected sample of establishments. The 2004 annual survey is based on a sample of about 50,000 from a universe of 346,000 establishments. These establishments represent all manufacturing establishments of multiunit companies and all single-establishment manufacturing companies mailed schedules in the 2002 Census of Manufactures. For the current panel of the ASM sample, all establishments of companies with 2002 shipments in manufacturing in excess of $500 million were included in the survey with certainty. For the remaining portion of the mail survey, the establishment was defined as the sampling unit. For this portion, all establishments with 500 employees or more and establishments with a very large value of shipments also were included. Therefore, of the 50,000 establishments included in the ASM panel, approximately 24,000 are selected with certainty. Smaller establishments in the remaining portion of the mail survey were selected by sample.

Establishments and classification—Each of the establishments covered in the 2002 Economic Census—Manufacturing was classified in 1 of 480 industries (473 manufacturing industries and 7 former manufacturing industries) in accordance with the industry definitions in the 2002 NAICS manual. In the NAICS system, an industry is generally defined as a group of establishments that have similar production processes. To the extent practical, the system uses supply-based or production-oriented concepts in defining industries. The resulting group of establishments must be significant in terms of number, value added by manufacture, value of shipments, and number of employees.

Establishments frequently make products classified both in their industry (primary products) and other industries (secondary products). Industry statistics (employment, payroll, value added by manufacture, value of shipments, etc.) reflect the activities of the establishments, which may make both primary and secondary products. Product statistics, however, represent the output of all establishments without regard for the classification of the producing establishment. For this reason, when relating the industry statistics, especially the value of shipments, to the product statistics, the composition of the industry's output should be considered.

Establishment—Establishment signifies a single physical plant site or factory. It is not necessarily identical to the business unit or company, which may consist of one or more establishments. A company operating establishments at more than one location is required to submit a separate report for each location and include establishments with payroll at any time during the year. An establishment engaged in distinctly different lines of activity and maintaining separate payroll and inventory records is also required to submit separate reports.

Durable goods—Items with a normal life expectancy of 3 years or more. Automobiles, furniture, household appliances, and mobile homes are common examples.

Nondurable goods—Items which generally last for only a short time (3 years or less). Food, beverages, clothing, shoes, and gasoline are common examples.

Statistical reliability—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

Table 969. **Gross Domestic Product in Current and Real (2000) Dollars by Industry: 2000 to 2006**

[**In billions of dollars (9,817.0 represents $9,817,000,000,000).** Data include nonfactor charges (capital consumption allowances, indirect business taxes, etc.) as well as factor charges against gross product; corporate profits and capital consumption allowances have been shifted from a company to an establishment basis]

Industry	2002 NAICS code [1]	2000	2002	2003	2004	2005	2006
CURRENT DOLLARS							
Gross domestic product, total [2]	**(X)**	**9,817.0**	**10,469.6**	**10,960.8**	**11,712.5**	**12,455.8**	**13,246.6**
Private industries	(X)	8,614.3	9,131.2	9,542.3	10,221.5	10,892.2	11,610.4
Manufacturing	31–33	1,426.2	1,352.6	1,359.3	1,434.8	1,512.5	1,601.2
Durable goods	(X)	865.3	774.8	771.8	819.6	854.3	915.7
Wood products	321	31.4	30.4	32.1	38.3	39.0	(NA)
Nonmetallic mineral products	327	45.7	45.9	45.1	49.5	53.3	(NA)
Primary metals	331	48.2	41.9	38.4	54.3	61.1	(NA)
Fabricated metal products	332	121.7	107.4	106.3	118.4	130.5	(NA)
Machinery	333	109.3	96.5	94.3	104.4	111.1	(NA)
Computer and electronic products	334	185.6	124.2	124.0	129.5	135.3	(NA)
Electrical equipment, appliances, and components	335	50.6	48.8	48.8	45.7	47.8	(NA)
Motor vehicles, bodies and trailers, and parts	3361–63	118.1	118.9	124.1	109.8	95.4	(NA)
Other transportation equipment	3364, 66, 69	64.4	69.6	62.4	65.7	71.1	(NA)
Furniture and related products	337	32.7	31.1	33.4	36.7	37.1	(NA)
Miscellaneous manufacturing	339	57.5	60.0	62.9	67.4	72.6	(NA)
Nondurable goods	(X)	561.0	577.9	587.5	615.2	658.2	685.5
Food and beverage and tobacco products	311, 312	154.8	172.9	167.9	156.2	175.7	(NA)
Textile mills and textile product mills	313, 314	26.5	21.9	23.1	23.4	23.8	(NA)
Apparel and leather and allied products	315, 316	25.1	20.9	18.3	17.1	16.8	(NA)
Paper products	322	55.6	50.3	50.3	52.8	54.6	(NA)
Printing and related support activities	323	49.0	45.7	45.2	46.4	46.9	(NA)
Petroleum and coal products	324	26.2	26.2	39.1	53.8	63.5	(NA)
Chemical products	325	157.1	174.4	179.5	198.4	209.2	(NA)
Plastics and rubber products	326	66.7	65.5	64.0	67.1	67.7	(NA)
CHAINED (**2000**) DOLLARS							
Gross domestic product, total [2]	**(X)**	**9,817.0**	**10,048.8**	**10,301.0**	**10,703.5**	**11,048.6**	**11,415.3**
Private industries	(X)	8,614.3	8,817.1	9,050.9	9,434.5	9,748.8	10,110.8
Manufacturing	31-33	1,426.2	1,384.4	1,400.1	1,490.7	1,523.1	1,573.8
Durable goods	(X)	865.3	827.7	849.4	914.4	959.0	1,023.1
Wood products	321	31.4	30.3	30.4	31.4	32.4	(NA)
Nonmetallic mineral products	327	45.7	45.5	45.2	48.6	48.4	(NA)
Primary metals	331	48.2	44.1	42.3	48.7	48.3	(NA)
Fabricated metal products	332	121.7	104.4	104.6	113.6	119.1	(NA)
Machinery	333	109.3	93.3	91.6	104.7	109.0	(NA)
Computer and electronic products	334	185.6	185.8	214.6	258.5	309.9	(NA)
Electrical equipment, appliances, and components	335	50.6	48.8	50.1	46.7	47.5	(NA)
Motor vehicles, bodies and trailers, and parts	3361–63	118.1	127.5	137.0	128.8	125.1	(NA)
Other transportation equipment	3364, 66, 69	64.4	64.2	55.5	57.0	59.2	(NA)
Furniture and related products	337	32.7	29.2	31.4	35.6	34.8	(NA)
Miscellaneous manufacturing	339	57.5	56.4	59.1	64.7	70.1	(NA)
Nondurable goods	(X)	561.0	555.7	551.2	578.4	571.1	565.8
Food and beverage and tobacco products	311, 312	154.8	153.7	151.4	145.9	152.9	(NA)
Textile mills and textile product mills	313, 314	26.5	21.4	23.6	23.5	24.0	(NA)
Apparel and leather and allied products	315, 316	25.1	21.1	18.5	17.7	17.7	(NA)
Paper products	322	55.6	50.8	52.1	56.3	57.5	(NA)
Printing and related support activities	323	49.0	43.5	43.5	45.3	45.9	(NA)
Petroleum and coal products	324	26.2	32.5	30.7	38.1	30.0	(NA)
Chemical products	325	157.1	170.5	169.6	183.6	180.5	(NA)
Plastics and rubber products	326	66.7	62.9	63.0	68.1	67.1	(NA)

NA Not available. X Not applicable. [1] North American Industry Classification System, 2002; see text Section 15.
[2] Includes industries, not shown separately. For additional industries, see Table 648.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 2007. See also <http://www.bea.gov/newsreleases/industry/gdpindustry/gdpindnewsrelease.htm>(released 24 April 2007).

Table 970. **Manufacturing—Establishments, Employees, and Annual Payroll by Industry: 2003 and 2004**

[**(113,398 represents 113,398,000).** Excludes government employees, railroad employees, self-employed persons, etc. An *establishment* is a single physical location where business is conducted or where services or industrial operations are performed. See "General Explanation" in source for definitions and statement on reliability of data. See Appendix III]

Industry	2002 NAICS code [1]	2003			2004		
		Establishments, number	Employees [2] (1,000)	Annual payroll (mil. dol.)	Establishments, number	Employees [2] (1,000)	Annual payroll (mil. dol.)
All industries, total	**(X)**	**7,254,745**	**113,398**	**4,040,889**	**7,387,724**	**115,075**	**4,253,996**
Manufacturing, total	**31–33**	**341,849**	**14,132**	**576,058**	**339,083**	**13,822**	**592,830**
Percent of all industries	(X)	4.7	12.5	14.3	4.6	12.0	13.9
Food manufacturing	311	27,274	1,496	46,593	26,767	1,482	47,540
Beverage & tobacco products	312	3,212	155	7,111	3,359	155	7,211
Textile mills	313	3,840	255	7,366	3,638	224	6,875
Textile product mills	314	7,289	188	4,997	7,117	171	4,905
Apparel manufacturing	315	13,376	304	7,065	12,314	280	6,804
Leather & allied products	316	1,519	44	1,265	1,475	43	1,307
Wood products	321	16,808	524	15,891	16,783	535	17,194
Paper	322	5,456	482	21,668	5,422	465	21,590
Printing & related support activities	323	36,024	700	25,033	35,321	673	24,997
Petroleum & coal products	324	2,299	98	6,487	2,457	104	7,776
Chemical	325	13,247	841	48,532	13,364	823	48,816
Plastics & rubber products	326	15,019	921	32,126	14,886	908	33,160
Nonmetallic mineral products	327	16,446	468	18,087	16,714	472	18,963
Primary metal	331	5,725	480	20,863	5,426	451	21,486
Fabricated metal products	332	59,407	1,518	55,778	59,373	1,515	58,581
Machinery	333	27,459	1,129	48,994	27,037	1,088	50,459
Computer & electronic products	334	15,426	1,189	66,583	15,097	1,108	66,318
Electrical equip, appliance & component	335	6,383	460	17,617	6,294	439	17,797
Transportation equipment	336	12,503	1,607	79,967	12,705	1,626	85,128
Furniture & related products	337	21,716	564	16,796	21,735	555	17,221
Miscellaneous	339	31,421	708	27,239	31,799	703	28,702

X Not applicable. [1] North American Industry Classification System, 2002; see text, Section 15. [2] Covers full- and part-time employees who are on the payroll in the pay period including March 12.

Source: U.S. Census Bureau, "County Business Patterns." See <http://www.census.gov/epcd/cbp/view/cbpview.html>.

Table 971. **Manufacturing Establishments, Employees, and Annual Payroll by State: 2004**

[**(13,822 represents 13,822,000).** Data are for North American Industry Classification System (NAICS) 2002 codes 31–33. Excludes government employees, railroad employees, self-employed persons, etc. An *establishment* is a single physical location where business is conducted or where services or industrial operations are performed. See "General Explanation" in source for definitions and statement on reliability of data. See Appendix III]

State	Establishments	Employees (1,000) [1]	Annual payroll (mil. dol.)	State	Establishments	Employees (1,000) [1]	Annual payroll (mil. dol.)
United States	**339,083**	**13,822**	**592,830**	Missouri	7,019	303	11,703
				Montana	1,267	18	688
Alabama	4,964	274	10,068	Nebraska	1,998	104	3,633
Alaska	501	10	396	Nevada	1,844	43	1,789
Arizona	4,818	167	7,493	New Hampshire	2,191	76	3,529
Arkansas	3,144	201	6,551	New Jersey	9,962	326	17,001
California	46,110	1,476	70,372	New Mexico	1,549	33	1,297
Colorado	5,235	138	6,275	New York	19,994	599	25,307
Connecticut	5,174	188	9,579	North Carolina	10,327	571	20,691
Delaware	696	36	1,645	North Dakota	741	24	780
District of Columbia	147	2	74	Ohio	16,887	815	35,719
Florida	14,433	372	14,635	Oklahoma	3,941	141	5,371
Georgia	8,709	433	15,894	Oregon	5,541	177	7,532
Hawaii	928	15	479	Pennsylvania	15,915	668	27,931
Idaho	1,805	60	2,415	Rhode Island	2,024	58	2,261
Illinois	16,363	685	29,467	South Carolina	4,270	275	10,796
Indiana	9,068	544	23,739	South Dakota	923	40	1,274
Iowa	3,811	219	8,644	Tennessee	6,804	392	15,268
Kansas	3,179	173	6,986	Texas	20,780	829	36,255
Kentucky	4,174	258	10,716	Utah	3,113	111	4,321
Louisiana	3,416	149	6,980	Vermont	1,152	39	1,638
Maine	1,845	63	2,526	Virginia	5,817	295	12,026
Maryland	3,813	141	6,747	Washington	7,401	254	12,232
Massachusetts	8,263	294	15,590	West Virginia	1,453	67	2,598
Michigan	14,447	662	32,391	Wisconsin	9,804	489	20,479
Minnesota	8,067	333	15,026	Wyoming	546	10	432
Mississippi	2,710	174	5,594				

[1] Covers full- and part-time employees who are on the payroll in the pay period including March 12.

Source: U.S. Census Bureau, "County Business Patterns." See <http://www.census.gov/epcd/cbp/view/cbpview.html>.

Table 972. **Manufactures—Summary by Selected Industry: 2005**

[**13,168.8 represents 13,168,800.** Based on the Annual Survey of Manufactures; see Appendix III]

Industry based on shipments	2002 NAICS code [1]	All employees [2]			Production workers (1,000) [2]	Value added by manufactures [3] (mil.dol.)	Value of shipments [4] (mil. dol.)
		Number (1,000)	Payroll				
			Total (mil. dol.)	Per employee (dol.)			
Manufacturing, total	**31-33**	**13,168.8**	**579,891**	**44,035**	**9,230.2**	**2,204,095**	**4,735,384**
Food [5]	311	1,438.8	47,797	33,219	1,094.7	235,673	534,878
Grain and oilseed milling	3112	52.9	2,625	49,599	39.7	22,190	59,480
Sugar and confectionery products	3113	68.4	2,699	39,464	53.0	15,946	28,641
Fruit and vegetable preserving and specialty foods	3114	167.0	5,614	33,627	137.6	27,126	54,951
Dairy products	3115	127.8	5,316	41,603	88.9	25,376	76,926
Meat products	3116	486.0	13,286	27,339	416.9	53,632	150,437
Bakeries and tortillas	3118	278.6	8,810	31,624	174.7	35,139	53,666
Beverage and tobacco products	312	144.6	7,049	48,762	82.6	80,716	123,636
Beverage	3121	123.7	5,771	46,664	67.0	43,436	80,922
Tobacco	3122	20.9	1,278	61,181	15.6	37,280	42,714
Textile mills	313	195.1	6,252	32,043	163.5	17,560	41,149
Textile product mills	314	156.6	4,587	29,285	122.0	14,835	36,706
Apparel	315	223.7	5,429	24,272	171.2	16,319	31,650
Cut and sew apparel	3152	171.9	4,111	23,924	130.7	12,627	24,375
Leather and allied products	316	37.4	1,101	29,445	29.0	2,865	6,013
Wood products [5]	321	539.1	17,832	33,078	431.1	44,763	112,018
Sawmills and wood preservation	3211	105.3	3,876	36,800	87.1	10,946	32,786
Veneer, plywood, and engineered wood products	3212	115.5	4,112	35,612	93.0	11,078	26,609
Paper	322	429.6	20,701	48,189	333.5	75,889	162,848
Pulp, paper, and paperboard mills	3221	135.6	8,227	60,675	107.6	38,619	75,428
Converted paper products	3222	294.0	12,474	42,430	225.9	37,270	87,420
Printing and related support activities	323	642.3	24,893	38,753	456.7	58,930	97,095
Petroleum and coal products	324	102.9	7,927	77,027	65.2	117,541	476,075
Chemical [5]	325	761.2	45,798	60,169	433.3	328,440	604,501
Basic chemical	3251	156.4	10,593	67,729	92.2	75,396	169,863
Resin, syn rubber, and artificial and syn. fibers and filaments	3252	85.5	5,198	60,816	58.9	32,909	89,987
Pharmaceutical and medicine	3254	236.0	15,684	66,445	113.4	124,586	165,969
Plastics and rubber products	326	885.4	33,156	37,445	688.0	96,348	200,489
Plastics products	3261	727.7	26,398	36,275	563.6	78,946	163,927
Nonmetallic mineral products	327	464.9	19,147	41,181	359.7	64,545	114,321
Cement and concrete products	3273	222.0	9,175	41,319	169.1	30,407	56,257
Primary metal [5]	331	428.0	21,311	49,794	338.6	77,179	201,835
Iron and steel mills and ferroalloy	3311	102.4	6,635	64,780	82.6	32,933	82,370
Foundries	3315	161.2	6,842	42,433	132.0	16,429	30,522
Fabricated metal products [5]	332	1,460.3	59,342	40,638	1,079.2	154,928	288,068
Architectural and structural metals	3323	355.2	13,825	38,920	252.9	36,072	73,557
Machine shops, turned product and screw, nut, and bolt	3327	362.6	14,870	41,005	274.0	31,623	50,562
Coating, engraving, heat treating, and allied activities	3328	126.6	4,788	37,820	97.3	12,943	22,661
Machinery [5]	333	1,062.7	50,233	47,269	682.6	142,488	302,204
Agriculture, construction, and mining machinery	3331	174.2	7,592	43,588	118.5	29,172	70,237
Metalworking machinery	3335	166.4	8,289	49,827	116.0	16,574	26,949
Computer and electronic products [5]	334	1,003.7	59,834	59,614	464.9	226,319	373,932
Computer and peripheral equipment	3341	101.0	6,301	62,388	35.0	36,407	68,469
Communications equipment	3342	128.0	8,041	62,843	50.4	32,413	59,060
Semiconductor and other electronic components	3344	348.2	18,302	52,569	198.4	81,946	120,106
Navigational, measuring, medical, control instruments	3345	375.3	24,958	66,496	147.8	68,730	108,223
Electrical equipment, appliance, and component	335	420.6	17,523	41,657	293.8	54,318	112,008
Electrical equipment	3353	142.5	6,179	43,358	92.7	16,983	33,708
Transportation equipment [5]	336	1,554.8	83,947	53,993	1,103.8	254,665	687,288
Motor vehicles	3361	202.2	14,100	69,746	175.1	66,480	259,467
Motor vehicle bodies and trailers	3362	149.2	5,272	35,327	118.3	12,292	33,515
Motor vehicle parts	3363	613.2	30,033	48,976	478.7	81,600	206,342
Aerospace products and parts	3364	382.7	25,989	67,918	182.2	71,221	137,105
Ship and boat building	3366	140.6	5,617	39,946	102.1	13,587	25,516
Furniture and related products [5]	337	535.8	17,491	32,642	414.3	46,801	84,291
Household and institutional furniture and kitchen cabinets	3371	354.6	10,694	30,158	281.2	26,710	48,549
Miscellaneous manufacturing	339	681.3	28,541	41,895	422.5	92,974	144,382
Medical equipment and supplies	3391	308.2	14,629	47,460	179.2	53,187	75,207

[1] North American Industry Classification System, 2002; see text, Section 15. [2] Includes employment and payroll at administrative offices and auxiliary units. All employees represent the average of production workers plus all other employees for the payroll period ended nearest the 12th of March. Production workers represent the average of the employment for the payroll periods ended nearest the 12th of March, May, August, and November. [3] Adjusted value added; takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year. [4] Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification. [5] Includes industries not shown separately.

Source: U.S. Census Bureau, *Annual Survey of Manufactures, Statistics for Industry Groups and Industries: 2005* Series M05(AS-1) (issued November 2006). See Internet site <http://www.census.gov/mcd/asm-as1.html>.

Table 973. **Manufactures—Summary by State: 2005**

[**13,168.8 represents 13,168,800.** Data are for North American Industry Classification System (NAICS) 2002 codes 31–33. Sum of state totals may not add to U.S. total because U.S. and state figures were independently derived. See Appendix III]

State	All employees [1]			Production workers [1]		Value added by manufactures [2]		
		Payroll						
	Number (1,000)	Total (mil. dol.)	Per employee (dol.)	Total (1,000)	Wages (mil. dol.)	Total (mil. dol.)	Per production worker (dol.)	Value of shipments [3] (mil. dol.)
United States	**13,168.8**	**579,891**	**44,035**	**9,230.2**	**337,490**	**2,204,095**	**238,793**	**4,735,384**
Alabama	264.2	10,016	37,917	205.5	6,879	38,373	186,733	87,841
Alaska	10.8	384	35,481	9.1	285	1,805	198,857	6,571
Arizona	159.0	7,604	47,826	99.6	3,742	23,736	238,291	43,234
Arkansas	185.7	6,325	34,069	149.3	4,504	26,982	180,762	58,188
California	1,397.9	65,923	47,159	881.6	30,787	217,546	246,764	434,238
Colorado	128.5	6,032	46,950	85.8	3,193	19,463	226,804	37,420
Connecticut	180.9	9,294	51,378	108.6	4,502	28,973	266,900	46,549
Delaware	35.6	1,712	48,071	25.5	1,046	14,313	560,904	23,362
District of Columbia	1.8	72	40,369	1.0	36	160	164,190	261
Florida	347.5	14,209	40,892	229.8	7,344	47,290	205,820	91,573
Georgia	414.2	15,758	38,042	316.9	10,344	63,015	198,821	143,960
Hawaii	13.3	481	36,092	8.5	283	1,809	212,380	6,407
Idaho	55.5	2,181	39,293	37.6	1,205	10,512	279,874	18,232
Illinois	655.0	29,231	44,627	455.5	17,089	105,325	231,215	231,332
Indiana	534.6	23,898	44,706	403.3	16,128	90,120	223,445	199,872
Iowa	220.2	8,779	39,861	162.3	5,591	39,080	240,776	86,427
Kansas	173.0	7,145	41,291	120.3	4,286	22,827	189,730	62,064
Kentucky	243.6	10,417	42,764	186.1	7,041	38,686	207,886	106,365
Louisiana	139.2	6,870	49,347	102.0	4,462	69,911	685,431	163,163
Maine	56.3	2,343	41,651	40.9	1,522	7,857	191,947	14,918
Maryland	135.7	6,689	49,297	84.7	3,271	21,353	252,122	39,774
Massachusetts	295.0	15,129	51,280	174.9	6,654	46,044	263,199	80,702
Michigan	611.7	30,915	50,535	449.5	20,521	92,336	205,418	222,075
Minnesota	329.5	14,902	45,232	222.0	8,042	48,304	217,563	97,999
Mississippi	166.1	5,579	33,593	132.0	3,830	17,208	130,315	49,661
Missouri	286.7	12,449	43,417	214.1	8,255	47,340	221,096	107,661
Montana	16.7	708	42,399	11.9	446	2,645	221,581	7,949
Nebraska	101.4	3,680	36,304	78.1	2,506	14,650	187,701	38,258
Nevada	44.3	1,936	43,723	28.7	996	7,290	254,028	12,281
New Hampshire	75.7	3,661	48,388	46.4	1,675	9,188	197,845	16,872
New Jersey	301.7	15,200	50,375	195.1	7,592	51,299	262,975	103,236
New Mexico	31.4	1,333	42,380	22.3	760	20,401	913,919	26,748
New York	547.2	24,208	44,241	355.0	12,736	87,756	247,218	154,682
North Carolina	539.6	20,098	37,244	402.3	12,696	101,268	251,721	186,665
North Dakota	22.4	827	36,970	17.0	565	3,556	209,129	8,978
Ohio	768.3	34,830	45,332	561.6	22,647	124,986	222,573	278,577
Oklahoma	129.9	5,364	41,284	96.5	3,451	20,451	212,028	55,096
Oregon	178.7	7,805	43,683	126.7	4,648	34,808	274,809	61,770
Pennsylvania	652.7	28,194	43,198	458.6	16,677	104,858	228,661	214,876
Rhode Island	52.9	2,220	41,997	33.3	1,092	6,541	196,473	11,548
South Carolina	253.0	10,517	41,577	191.9	6,775	37,668	196,330	87,499
South Dakota	37.0	1,273	34,359	28.1	844	4,989	177,775	10,361
Tennessee	381.6	15,311	40,123	284.9	9,807	62,828	220,495	137,388
Texas	779.2	35,615	45,705	529.8	19,627	172,960	326,461	463,953
Utah	110.2	4,560	41,390	73.8	2,479	15,703	212,900	33,572
Vermont	38.8	1,763	45,440	24.4	918	5,419	222,136	10,686
Virginia	275.4	11,346	41,197	204.6	7,288	49,167	240,328	88,966
Washington	248.4	11,920	47,989	160.1	6,092	46,164	288,347	93,099
West Virginia	58.0	2,411	41,580	43.3	1,573	9,186	212,196	21,573
Wisconsin	473.0	20,328	42,975	342.1	12,456	66,965	195,728	144,244
Wyoming	9.9	444	45,012	7.4	301	2,979	403,340	6,660

[1] Includes employment and payroll at administrative offices and auxiliary units. All employees represent the average of production workers plus all other employees for the payroll period ended nearest the 12th of March. Production workers represent the average of the employment for the payroll periods ended nearest the 12th of March, May, August, and November. [2] Adjusted value added; takes into account (a) value added by merchandising operations (that is, difference between the sales value and cost of merchandise sold without further manufacture, processing, or assembly), plus (b) net change in finished goods and work-in-process inventories between beginning and end of year. [3] Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification.

Source: U.S. Census Bureau, *Annual Survey of Manufactures, Geographic Area Statistics: 2005 Series M05(AS-3)* (issued November 2006). See Internet site <http://www.census.gov/mcd/asm-as3.html>.

Table 974. **Manufacturers' E-Commerce Shipments by Industry: 2004 and 2005**

[**(4,308,971 represents $4,308,971,000,000).** Based on the Annual Survey of Manufactures; subject to sampling variability. For businesses with paid employees. E-commerce is the value of goods and services sold over computer-mediated networks (open or proprietary)]

Industry	2002 NAICS code [1]	2004				2005			
		Shipments, total (mil. dol).	E-commerce			Shipments, total (mil.dol).	E-commerce		
			Shipments, total (mil.dol.)	Percent of total shipments	Percent distribution		Shipments, total (mil.dol.)	Percent of total shipments	Percent distribution
Manufacturing, total	**31–33**	**4,308,971**	**996,174**	**23.1**	**100.0**	**4,735,387**	**1,265,987**	**26.7**	**100.0**
Food products	311	512,340	64,121	12.5	6.4	534,878	94,553	17.7	7.5
Beverage and tobacco	312	113,737	52,783	46.4	5.3	123,636	60,653	49.1	4.8
Textile mills	313	40,898	4,416	10.8	0.4	41,149	6,709	16.3	0.5
Textile product mills	314	33,636	8,472	25.2	0.9	36,706	9,875	26.9	0.8
Apparel	315	32,873	8,694	26.4	0.9	31,650	8,628	27.3	0.7
Leather and allied products	316	5,812	611	10.5	0.1	6,013	716	11.9	0.1
Wood products	321	104,135	7,974	7.7	0.8	112,018	12,153	10.8	1.0
Paper	322	155,381	19,631	12.6	2.0	162,848	29,885	18.4	2.4
Printing and related support activities	323	93,595	8,259	8.8	0.8	97,095	15,690	16.2	1.2
Petroleum and coal products	324	330,439	77,527	23.5	7.8	476,075	120,334	25.3	9.5
Chemicals	325	540,883	102,967	19.0	10.3	604,501	158,327	26.2	12.5
Plastics and rubber products	326	184,711	33,220	18.0	3.3	200,489	42,288	21.1	3.3
Nonmetallic mineral products	327	102,880	10,850	10.5	1.1	114,321	15,892	13.9	1.3
Primary metals	331	181,602	33,410	18.4	3.4	201,835	43,346	21.5	3.4
Fabricated metal products	332	261,101	33,992	13.0	3.4	288,068	48,921	17.0	3.9
Machinery	333	272,123	52,292	19.2	5.2	302,204	71,711	23.7	5.7
Computer and electronic products	334	365,545	76,197	20.8	7.6	373,932	85,572	22.9	6.8
Electrical equipment, appliances, and components	335	105,084	25,177	24.0	2.5	112,008	29,327	26.2	2.3
Transportation equipment	336	662,001	346,473	52.3	34.8	687,288	370,309	53.9	29.3
Furniture and related products	337	78,279	11,264	14.4	1.1	84,291	16,013	19.0	1.3
Miscellaneous	339	131,916	17,844	13.5	1.8	144,382	25,084	17.4	2.0

[1] North American Industry Classification System, 2002; see text, Section 15.

Source: U.S. Census Bureau, "E-Stats" (released 25 May 2007). See Internet site <http://www.census.gov/eos/www/ebusiness614.htm>.

Table 975. **Manufacturing Employer Costs for Employee Compensation Per Hour Worked: 1990 to 2007**

[**As of March,** for private industry workers. Based on a sample of establishments in the National Compensation Survey; see Appendix III and source for details. See also Table 632, Section 12]

Compensation component	Cost (dol.)					Percent distribution				
	1990	2000	2005	2006	2007	1990	2000	2005	2006	2007
Total compensation	**17.33**	**23.41**	**28.48**	**29.40**	**30.37**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Wages and salaries	11.86	16.01	18.26	19.18	20.00	68.4	68.4	64.1	65.2	65.8
Total benefits	5.47	7.40	10.21	10.22	10.38	31.6	31.6	35.9	34.8	34.2
Paid leave	1.31	1.74	2.07	2.26	2.37	7.6	7.4	7.3	7.7	7.8
Vacation	0.67	0.86	1.04	1.16	1.23	3.9	3.7	3.7	3.9	4.0
Holiday	0.48	0.65	0.76	0.81	0.85	2.8	2.8	2.7	2.8	2.8
Sick	0.12	0.13	0.16	0.20	0.21	0.7	0.6	0.6	0.7	0.7
Other	0.05	0.10	0.10	0.09	0.09	0.3	0.4	0.3	0.3	0.3
Supplemental pay	0.65	1.04	1.25	1.15	1.23	3.8	4.4	4.4	3.9	4.1
Premium pay	0.34	0.58	0.61	0.54	0.52	2.0	2.5	2.1	1.8	1.7
Nonproduction bonuses	0.22	0.36	0.53	0.47	0.57	1.3	1.5	1.8	1.6	1.9
Shift pay	0.09	0.10	0.12	0.13	0.14	0.5	0.4	0.4	0.5	0.5
Insurance	1.37	1.85	2.68	2.87	2.97	7.9	7.9	9.4	9.8	9.8
Health insurance	(NA)	1.69	2.48	2.67	2.76	(NA)	7.2	8.7	9.1	9.1
Retirement and savings	0.56	0.75	1.64	1.44	1.24	3.2	3.2	5.8	4.9	4.1
Defined benefit	(NA)	0.34	1.13	0.90	0.67	(NA)	1.5	4.0	3.1	2.2
Defined contributions	(NA)	0.41	0.51	0.53	0.57	(NA)	1.8	1.8	1.8	1.9
Legally required	1.54	1.92	2.45	2.51	2.56	8.9	8.2	8.6	8.5	8.4
Social security	1.02	1.38	1.60	1.67	1.74	5.9	5.9	5.6	5.7	5.7
Federal unemployment	0.03	0.03	0.03	0.03	0.03	0.2	0.1	0.1	0.1	0.1
State unemployment	0.12	0.11	0.19	0.20	0.19	0.7	0.5	0.7	0.7	0.6
Workers compensation	0.36	0.40	0.64	0.61	0.60	2.1	1.7	2.2	2.1	2.0
Other benefits [1]	0.04	0.09	0.12	(NA)	(NA)	0.2	0.4	0.4	(NA)	(NA)

NA Not available. [1] Includes severance pay, and supplemental unemployment benefits.

Source: U.S. Bureau of Labor Statistics, *Employer Costs for Employee Compensation, News,* USDL 07-0877, June 21, 2007. See Intenet site <http://www.bls.gov/ncs/ect/home.htm>.

Table 976. **Manufacturing Industries—Employment by Industry: 1990 to 2006**

[**Annual averages of monthly figures (109,487 represents 109,487,000).** Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. Minus sign (–) indicates decrease. See also headnote, Table 614]

Industry	2002 NAICS code[1]	All employees (1,000)						Percent change	
		1990	2000	2003	2004	2005	2006	1990–2000	2000–2006
All industries	**(X)**	**109,487**	**131,785**	**129,999**	**131,435**	**133,703**	**136,174**	**20.4**	**3.3**
Manufacturing	**31–33**	**17,695**	**17,263**	**14,510**	**14,315**	**14,226**	**14,197**	**–2.4**	**–17.8**
Percent of all industries	(X)	16.2	13.1	11.2	10.9	10.6	10.4	(X)	(X)
Durable goods	**(X)**	**10,736**	**10,876**	**8,963**	**8,924**	**8,955**	**9,001**	**1.3**	**–17.2**
Wood products	321	541	613	538	550	559	560	13.4	–8.6
Sawmills & wood preservation	3211	148	134	117	119	119	119	–9.6	–11.5
Plywood & engineered wood products	3212	96	122	114	118	123	120	28.2	–1.7
Other wood products	3219	297	357	306	313	317	322	20.1	–9.9
Nonmetallic mineral products	327	528	554	494	506	505	508	4.9	–8.4
Clay products & refractories	3271	84	82	66	65	62	61	–1.9	–26.0
Glass & glass products	3272	152	141	115	113	108	103	–7.6	–26.8
Cement & concrete products	3273	195	234	224	235	240	248	20.1	6.1
Lime, gypsum, & other nonmetallic mineral products	3279	98	97	89	94	96	96	–0.3	–1.6
Primary metals	331	689	622	477	467	466	462	–9.7	–25.7
Iron & steel mills & ferroalloy production	3311	187	135	102	95	96	94	–27.7	–30.1
Steel products from purchased steel	3312	70	73	61	61	61	60	4.0	–18.2
Alumina & aluminum production	3313	108	101	75	74	73	73	–7.3	–27.7
Other nonferrous metal production	3314	109	96	74	71	72	73	–11.7	–24.2
Foundries	3315	214	217	166	165	164	162	1.4	–25.2
Fabricated metal products	332	1,610	1,753	1,479	1,497	1,522	1,554	8.9	–11.3
Forging & stamping	3321	128	138	109	110	111	113	7.9	–18.0
Cutlery & hand tools	3322	79	79	61	59	56	54	0.3	–31.5
Architectural & structural metals	3323	357	428	380	389	398	415	20.0	–3.2
Boilers, tanks, & shipping containers	3324	117	107	91	92	91	92	–9.1	–13.9
Hardware	3325	57	50	40	38	36	34	–12.8	–31.9
Spring & wire products	3326	78	81	64	62	59	58	4.3	–28.0
Machine shops & threaded products	3327	309	365	311	327	345	352	18.4	–3.7
Coating, engraving, & heat treating metals	3328	143	175	143	143	145	149	22.7	–14.8
Other fabricated metal products	3329	344	330	281	278	282	287	–4.0	–13.0
Machinery	333	1,408	1,455	1,149	1,143	1,163	1,191	3.3	–18.1
Agricultural, construction, & mining machinery	3331	229	222	188	195	208	222	–2.8	–0.4
Industrial machinery	3332	152	163	123	121	124	123	7.5	–24.7
Commercial & service industry machinery	3333	147	147	118	115	111	111	0.3	–24.5
HVAC & commercial refrigeration equipment	3334	165	194	157	153	153	160	17.8	–17.7
Metalworking machinery	3335	267	274	205	202	202	203	2.5	–25.9
Turbine & power transmission equipment	3336	114	111	94	93	98	100	–2.4	–9.9
Other general purpose machinery	3339	335	343	265	265	268	273	2.4	–20.3
Computer & electronic products	334	1,903	1,820	1,355	1,323	1,316	1,316	–4.3	–27.7
Computer & peripheral equipment	3341	367	302	224	210	205	199	–17.8	–34.2
Communications equipment	3342	232	248	155	148	147	144	7.0	–41.7
Audio & video equipment	3343	60	52	37	33	32	32	–13.3	–39.2
Semiconductors & electronic components	3344	574	676	461	454	452	463	17.8	–31.6
Electronic instruments	3345	626	479	430	431	436	438	–23.6	–8.6
Magnetic media manufacturing & reproduction	3346	43	63	48	46	45	41	46.4	–35.2
Electrical equipment & appliances	335	633	591	460	445	434	436	–6.7	–26.3
Electric lighting equipment	3351	81	85	67	65	61	59	5.0	–30.5
Household appliances	3352	114	106	93	90	85	82	–7.0	–22.1
Electrical equipment	3353	244	210	160	154	152	156	–13.9	–25.8
Other electrical equipment & components	3359	195	191	140	137	136	139	–2.3	–27.2
Transportation equipment [2]	336	2,133	2,056	1,774	1,766	1,771	1,765	–3.6	–14.1
Motor vehicles	3361	271	291	265	256	248	236	7.4	–19.0
Motor vehicle bodies & trailers	3362	130	183	153	165	171	180	40.8	–1.4
Motor vehicle parts	3363	653	840	708	692	678	654	28.6	–22.1
Aerospace products & parts	3364	841	517	442	442	455	472	–38.5	–8.7
Ship & boat building	3366	173	153	146	148	153	156	–11.4	1.7
Other transportation equipment	3369	35	40	38	38	39	40	14.0	–0.8

See footnotes at end of table.

Table 976. **Manufacturing Industries—Employment by Industry: 1990 to 2006**—Con.

[**Annual averages of monthly figures (109,487 represents 109,487,000).** Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. Minus sign (–) indicates decrease. See also headnote, Table 614]

Industry	2002 NAICS code[1]	All employees (1,000)						Percent change	
		1990	2000	2003	2004	2005	2006	1990–2000	2000–2006
Furniture & related products	337	601	680	573	573	565	556	13.0	–18.2
Household & institutional furniture	3371	398	440	382	385	380	374	10.6	–15.2
Office furniture & fixtures	3372	156	181	139	135	133	132	16.0	–27.0
Other furniture-related products	3379	47	58	52	53	52	51	23.1	–13.1
Miscellaneous manufacturing	339	690	733	663	656	652	652	6.2	–11.1
Medical equipment & supplies	3391	288	310	304	301	305	309	7.7	–0.4
Other miscellaneous manufacturing	3399	403	423	359	354	347	343	5.1	–19.0
Nondurable goods	**(X)**	**6,959**	**6,388**	**5,547**	**5,391**	**5,272**	**5,197**	**–8.2**	**–18.6**
Food manufacturing	311	1,507	1,553	1,518	1,494	1,478	1,484	3.0	–4.4
Animal food	3111	57	55	50	50	49	50	–4.2	–7.9
Grain & oilseed milling	3112	71	65	62	60	61	61	–9.1	–6.6
Sugar & confectionery products	3113	99	92	85	83	79	75	–7.3	–18.7
Fruit & vegetable preserving & specialty	3114	218	197	185	181	174	177	–9.5	–10.1
Dairy products	3115	145	136	135	131	132	132	–5.9	–3.2
Animal slaughtering & processing	3116	427	507	516	505	504	509	18.6	0.4
Seafood product preparation & packaging	3117	54	45	42	42	41	40	–17.2	–10.9
Bakeries & tortilla manufacturing	3118	292	306	292	285	280	281	4.9	–8.5
Other food products	3119	143	150	152	156	159	160	5.0	6.5
Beverages & tobacco products	312	218	207	200	195	192	195	–4.9	–5.9
Beverages	3121	173	175	169	166	167	171	1.2	–2.0
Textile mills	313	492	378	261	237	218	196	–23.1	–48.3
Fiber, yarn, & thread mills	3131	102	81	57	54	50	48	–20.5	–40.4
Fabric mills	3132	270	192	130	115	104	90	–29.0	–53.2
Textile & fabric finishing mills	3133	120	105	74	68	63	58	–12.1	–45.4
Textile product mills	314	209	216	179	176	170	161	3.3	–25.5
Textile furnishings mills	3141	127	129	105	101	96	90	1.3	–29.9
Other textile product mills	3149	82	88	74	75	74	71	6.4	–19.0
Apparel	315	929	497	312	286	257	238	–46.5	–52.0
Apparel knitting mills	3151	112	69	45	42	37	34	–38.4	–50.7
Cut & sew apparel	3152	776	394	243	221	200	186	–49.3	–52.9
Accessories & other apparel	3159	41	34	24	23	21	19	–16.9	–45.1
Leather & allied products	316	133	69	45	42	40	37	–48.3	–45.6
Footwear	3162	83	31	20	19	18	17	–62.8	–43.3
Leather & hide tanning & finishing & other leather products	3169	51	38	25	23	22	20	–25.0	–47.4
Paper & paper products	322	647	605	516	496	484	469	–6.6	–22.4
Pulp, paper, & paperboard mills	3221	238	191	151	146	142	136	–19.7	–28.9
Converted paper products	3222	409	413	365	350	343	333	1.1	–19.3
Printing & related support activities	323	809	807	681	663	646	636	–0.2	–21.2
Petroleum & coal products	324	153	123	114	112	112	114	–19.4	–7.2
Chemicals	325	1,036	980	906	887	872	869	–5.3	–11.4
Basic chemicals	3251	249	188	162	156	150	148	–24.4	–21.7
Resin, rubber, & artificial fibers	3252	158	136	112	110	108	105	–14.2	–22.5
Agricultural chemicals	3253	52	48	42	42	40	39	–8.8	–19.0
Pharmaceuticals & medicines	3254	207	274	292	290	288	292	32.4	6.6
Paints, coatings, & adhesives	3255	85	79	69	68	68	67	–6.6	–14.6
Soaps, cleaning compounds, and toiletries	3256	132	129	119	115	114	113	–2.4	–12.4
Other chemical products and preparations	3259	153	127	111	107	104	105	–17.1	–17.2
Plastics & rubber products	326	826	952	815	806	803	797	15.3	–16.3
Plastics products	3261	619	738	639	633	635	638	19.3	–13.6
Rubber products	3262	207	214	177	172	168	159	3.5	–25.7

X Not applicable. [1] Based on the North American Industry Classification System (NAICS), 2002; see text, this section and Section 15. [2] Includes railroad rolling stock manufacturing not shown separately.

Source: U.S. Bureau of Labor Statistics, the Current Employment Statistics program Internet site <http://www.bls.gov/ces/home.htm>.

Table 977. **Average Hourly Earnings of Production Workers in Manufacturing Industries by State: 2003 to 2006**

[In dollars. Data are based on the North American Industry Classification System (NAICS) 2002. Based on the Current Employment Statistics Program; see headnote Table 618 and Appendix III]

State	2003	2004	2005	2006	State	2003	2004	2005	2006
United States	**15.74**	**16.15**	**16.56**	**16.80**	Missouri	18.22	17.92	17.42	17.16
Alabama	13.56	14.33	14.93	15.56	Montana	14.02	14.87	15.62	15.90
Alaska	12.18	12.01	14.22	14.30	Nebraska	14.86	15.19	15.44	15.04
Arizona	14.38	14.20	14.55	14.88	Nevada	14.63	14.60	14.98	15.47
Arkansas	13.55	13.49	13.71	13.35	New Hampshire	14.85	15.48	15.87	16.56
California	15.04	15.36	15.70	15.95	New Jersey	15.45	15.89	16.33	16.55
Colorado	16.89	16.46	15.91	16.58	New Mexico	13.19	13.13	13.66	14.06
Connecticut	17.74	18.35	18.96	19.78	New York	16.78	17.29	17.77	18.29
Delaware	16.91	17.66	17.74	18.13	North Carolina	13.66	14.25	14.38	14.57
District of Columbia [1]	15.76	16.73	16.80	17.30	North Dakota	14.04	14.35	15.29	14.97
Florida	14.09	13.84	13.89	14.75	Ohio	17.99	18.47	19.07	19.16
Georgia	14.08	14.54	14.56	14.74	Oklahoma	14.13	14.24	14.56	14.77
Hawaii	12.90	13.50	14.34	15.89	Oregon	15.20	15.34	15.49	15.57
Idaho	13.72	14.15	14.96	16.89	Pennsylvania	14.99	15.16	15.26	15.37
Illinois	15.20	15.61	15.84	16.03	Rhode Island	12.88	13.03	13.12	13.42
Indiana	17.84	17.92	18.14	18.57	South Carolina	14.19	14.73	15.23	15.03
Iowa	15.70	16.17	16.25	16.40	South Dakota	13.13	13.37	13.47	13.75
Kansas	15.83	16.57	17.14	17.68	Tennessee	13.56	13.84	14.02	14.04
Kentucky	16.01	16.50	16.65	16.92	Texas	13.94	13.98	14.03	14.01
Louisiana	16.86	16.40	17.30	17.94	Utah	14.90	15.38	14.73	15.25
Maine	16.28	16.97	17.28	18.57	Vermont	14.54	14.60	15.06	15.79
Maryland	15.74	16.47	16.98	17.87	Virginia	15.90	16.11	16.40	16.75
Massachusetts	16.53	16.89	17.66	18.26	Washington	18.02	18.28	18.83	19.90
Michigan	21.20	21.51	21.50	21.83	West Virginia	16.05	16.57	17.14	17.89
Minnesota	15.43	16.04	16.63	17.23	Wisconsin	16.12	16.19	16.29	16.54
Mississippi	12.89	13.12	13.53	13.78	Wyoming	16.75	16.58	17.08	17.44

[1] Represents the Washington-Arlington-Alexandria Metropolitan Area.

Source: U.S. Bureau of Labor Statistics, the Current Employment Statistics program, see Internet site <http://www.bls.gov/ces/home.htm>.

Table 978. **Manufacturing Full-Time Equivalent Employees and Wages by Industry: 2000 to 2005**

[**124,707 represents 124,707,000.** Full-time equivalent employees equals the number of employees on full-time schedules plus the number of employees for part-time schedules converted to full-time basis]

Industry	2002 NAICS code [1]	Full-time equivalent (FTE) employees (1,000)				Wage and salary accruals per FTE worker (dol.)			
		2000	2003	2004	2005	2000	2003	2004	2005
All domestic industries, total	**(X)**	**124,707**	**123,314**	**124,422**	**126,865**	**38,762**	**41,628**	**43,265**	**44,702**
Manufacturing	**31-33**	**16,947**	**14,306**	**14,117**	**14,044**	**44,216**	**46,753**	**48,732**	**50,180**
Percent of all industries	(X)	13.6	11.6	11.3	11.1	114.1	112.3	112.6	112.3
Durable goods	(X)	10,713	8,856	8,809	8,864	47,007	49,046	51,111	52,408
Wood products	321	606	544	556	564	30,360	32,124	33,715	35,077
Nonmetallic mineral products	327	545	492	495	496	38,879	41,657	42,967	44,876
Primary metals	331	611	467	458	459	45,745	48,499	51,693	52,694
Fabricated metal products	332	1,738	1,457	1,469	1,504	37,688	40,335	41,957	43,013
Machinery	333	1,420	1,136	1,125	1,148	46,882	48,976	51,591	53,036
Computer and electronic products	334	1,813	1,336	1,300	1,296	71,372	70,695	74,597	77,965
Electrical equipment, appliances, and components	335	568	455	440	429	42,732	43,983	46,736	48,155
Motor vehicles, bodies and trailers, and parts	3361-3363	1,283	1,106	1,106	1,093	49,727	54,204	54,719	54,241
Other transportation equipment	3364-3365	736	642	648	669	52,612	59,859	62,513	64,176
Furniture and related products	337	664	559	561	556	29,660	32,088	33,081	33,990
Miscellaneous manufacturing	339	728	662	650	651	38,504	43,153	45,673	46,062
Nondurable goods	(X)	6,235	5,451	5,308	5,180	39,420	43,028	44,784	46,368
Food and beverage and tobacco products	311-312	1,719	1,670	1,648	1,627	34,110	36,788	37,658	38,682
Textile mills and textile product mills	313-314	584	436	405	376	29,018	31,219	32,839	33,633
Apparel and leather and allied products	315	538	359	332	301	24,769	27,883	29,678	31,222
Paper products	322	596	502	485	469	45,578	50,192	51,422	52,949
Printing and related support activities	323	767	675	663	644	38,966	39,353	40,610	41,944
Petroleum and coal products	324	120	114	109	109	62,310	68,709	75,830	82,380
Chemical products	325	968	891	872	862	60,928	66,223	69,574	72,298

X Not applicable [1] North American Industry Classification System, 2002; see text, this section.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* monthly. See also <http://www.bea.gov/bea/dn/nipaweb/SelectTable.asp?Selected=N> (released 04 August 2006).

Table 979. **Manufacturers' Shipments, Inventories, and New Orders: 1992 to 2006**

[In billions of dollars (2,904 represents $2,904,000,000,000), except ratio. Based on a sample survey; for methodology, see source]

Year	Shipments	Inventories (Dec. 31) [1]	Ratio of inventories to shipments [2]	New orders	Unfilled orders (Dec. 31)
1992	2,904	370	1.57	(NA)	448
1993	3,020	371	1.51	2,960	422
1994	3,238	391	1.48	3,200	431
1995	3,480	415	1.47	3,427	443
1996	3,597	421	1.44	3,567	485
1997	3,835	433	1.39	3,780	508
1998	3,900	439	1.38	3,808	492
1999	4,032	453	1.38	3,957	501
2000	4,209	470	1.37	4,161	545
2001	3,970	417	1.29	3,872	510
2002	3,915	412	1.30	3,802	458
2003	4,015	398	1.22	3,964	474
2004	4,309	428	1.22	4,255	492
2005	4,735	466	1.21	4,735	567
2006	4,940	496	1.24	4,975	682

NA Not available. [1] Inventories are stated at current cost. [2] Ratio based on December seasonally adjusted data.

Source: U.S. Census Bureau, *Current Industrial Reports, Benchmark Report for Manufacturers' Shipments, Inventories, and Orders: January 2001 through December 2006*, Series M3-3 (06) (released May 2007); see <http://www.census.gov/indicator/www/m3>. See also <http://www.census.gov/indicator/www/m3/PastPressReleases/Prel/2006/dec06prel.pdf>(released 02 February 2007).

Table 980. **Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments by Industry Group: 2000 to 2006**

[Based on a sample survey; for methodology, see source]

Industry	2002 NAICS code [1]	2000	2001	2002	2003	2004	2005	2006
INVENTORIES-TO-SHIPMENTS RATIO								
All manufacturing industries	**(X)**	**1.37**	**1.29**	**1.30**	**1.22**	**1.22**	**1.21**	**1.24**
Durable goods	(X)	1.55	1.48	1.47	1.38	1.41	1.42	1.46
Wood products	321	1.32	1.28	1.29	1.26	1.26	1.28	1.26
Nonmetallic mineral products	327	1.23	1.17	1.15	1.17	1.16	1.09	1.19
Primary metals	331	1.69	1.70	1.68	1.61	1.62	1.57	1.62
Fabricated metals	332	1.56	1.50	1.53	1.46	1.56	1.55	1.63
Machinery	333	2.08	1.95	1.98	1.81	1.82	1.81	1.81
Computers and electronic products	334	1.54	1.43	1.55	1.40	1.41	1.29	1.35
Electrical equipment, appliances, and components	335	1.44	1.38	1.47	1.42	1.41	1.38	1.42
Transportation equipment	336	1.35	1.28	1.20	1.14	1.14	1.26	1.29
Furniture and related products	337	1.35	1.26	1.25	1.19	1.25	1.22	1.22
Miscellaneous products	339	1.90	1.88	1.72	1.68	1.72	1.74	1.75
Nondurable goods	(X)	1.14	1.07	1.09	1.03	1.02	1.00	1.00
Food products	311	0.88	0.80	0.82	0.77	0.74	0.75	0.79
Beverages and tobacco products	312	1.51	1.47	1.67	1.61	1.60	1.41	1.35
Textile mills	313	1.49	1.40	1.30	1.24	1.25	1.25	1.30
Textile product mills	314	1.75	1.70	1.32	1.28	1.20	1.20	1.18
Apparel	315	1.89	1.31	1.63	1.45	1.65	1.61	1.41
Leather and allied products	316	2.10	1.32	1.74	1.65	1.65	1.77	1.66
Paper products	322	1.11	1.09	1.13	1.08	1.11	1.10	1.10
Printing	323	0.79	0.74	0.78	0.76	0.79	0.81	0.80
Petroleum and coal products	324	0.71	0.75	0.86	0.83	0.77	0.76	0.78
Basic chemicals	325	1.40	1.33	1.28	1.21	1.20	1.19	1.19
Plastics and rubber products	326	1.21	1.11	1.10	1.08	1.15	1.17	1.17
UNFILLED ORDERS-TO-SHIPMENTS RATIO								
All manufacturing industries	**(X)**	**1.57**	**1.55**	**1.41**	**1.43**	**1.38**	**1.44**	**1.66**
Durable goods	(X)	2.78	2.84	2.61	2.67	2.63	2.83	3.23
Primary metals	331	1.45	1.51	1.36	1.58	1.48	1.59	1.39
Fabricated metals	332	2.02	1.92	1.74	1.80	1.92	2.07	2.16
Machinery	333	2.51	2.61	2.21	2.40	2.35	2.52	2.86
Computers and electronic products	334	3.08	3.33	3.20	3.30	3.31	3.14	3.38
Electrical equipment, appliances, and components	335	1.77	1.60	1.72	1.70	1.79	1.95	2.19
Transportation equipment	336	4.91	5.04	4.56	4.52	4.50	5.27	6.57
Furniture and related products	337	1.14	1.11	1.01	1.06	1.12	1.08	0.98
Miscellaneous products	339	0.62	0.41	0.45	0.54	0.54	0.41	0.43

X Not applicable. [1] Based on the North American Industry Classification System, 2002; see text, this section and Section 15.

Source: U.S. Census Bureau, *Current Industrial Reports, Benchmark Report for Manufacturers' Shipments, Inventories, and Orders: January 2001 through December 2006*, Series M3-3 (06) (released May 2007); see <http://www/census/gov/indicator/www/m3/>. See also <http://www.census.gov.indicator/www/m3/PastPressReleases/Prel/2006/dec06prel.pdf>(released 02 February 2007).

Table 981. **Value of Manufacturers' Shipments, Inventories, and New Orders by Industry: 2000 to 2006**

[In millions of dollars (4,208,584 represents $4,208,584,000,000). Based on a sample survey; for methodology, see source]

Industry	2002 NAICS code [1]	2000	2002	2003	2004	2005	2006
SHIPMENTS							
All manufacturing industries	**(X)**	**4,208,584**	**3,914,723**	**4,015,388**	**4,308,970**	**4,735,385**	**4,939,953**
Durable goods	(X)	2,373,688	2,123,621	2,142,589	2,264,667	2,420,344	2,537,908
Wood products	321	93,669	89,020	92,069	104,135	112,017	104,970
Nonmetallic mineral products	327	97,329	95,064	96,945	102,880	114,321	120,851
Primary metals	331	156,598	139,436	138,270	181,602	201,835	232,809
Fabricated metals	332	268,213	246,847	245,340	261,101	288,068	305,268
Machinery	333	291,548	255,321	257,429	272,123	302,202	327,886
Computers and electronic products	334	510,639	357,324	352,273	365,545	373,932	393,953
Electrical equipment, appliances, and components	335	125,443	102,845	99,906	105,084	112,007	122,693
Transportation equipment	336	639,861	636,711	655,871	662,000	687,289	690,493
Furniture and related products	337	75,107	75,841	75,275	78,280	84,291	87,208
Miscellaneous products	339	115,281	125,212	129,211	131,917	144,382	151,777
Nondurable goods	(X)	1,834,896	1,791,102	1,872,799	2,044,303	2,315,041	2,402,045
Food products	311	435,229	458,206	488,518	512,339	534,879	537,879
Beverages and tobacco products	312	111,692	105,456	109,080	113,737	123,636	128,639
Textile mills	313	52,112	45,497	42,653	40,898	41,149	37,295
Textile product mills	314	33,654	32,082	31,256	33,636	36,706	36,614
Apparel	315	60,339	41,901	38,645	32,873	31,650	32,712
Leather and allied products	316	9,647	5,906	5,807	5,812	6,013	6,366
Paper products	322	165,298	153,755	151,098	155,380	162,848	168,602
Printing	323	104,396	95,612	92,553	93,595	97,095	101,015
Petroleum and coal products	324	235,134	215,513	247,119	330,439	476,075	514,901
Basic chemicals	325	449,159	462,499	487,742	540,884	604,501	630,363
Plastics and rubber products	326	178,236	174,675	178,328	184,710	200,489	207,659
INVENTORIES (Dec. 31)							
All manufacturing industries	**(X)**	**470,084**	**412,328**	**397,631**	**428,321**	**466,171**	**496,115**
Durable goods	(X)	298,232	253,198	239,946	258,736	278,602	300,664
Wood products	321	10,329	9,502	9,605	10,836	11,829	10,872
Nonmetallic mineral products	327	9,799	9,488	9,171	9,726	10,373	11,737
Primary metals	331	22,199	19,620	18,566	24,563	26,437	31,412
Fabricated metals	332	34,085	30,650	29,189	33,090	36,358	40,464
Machinery	333	49,151	40,955	37,653	40,071	44,065	47,940
Computers and electronic products	334	63,024	44,608	39,779	41,597	38,819	42,882
Electrical equipment, appliances, and components	335	14,505	12,100	11,359	11,897	12,413	14,044
Transportation equipment	336	69,199	61,198	59,783	60,745	69,721	71,303
Furniture and related products	337	8,261	7,703	7,298	7,912	8,321	8,612
Miscellaneous products	339	17,680	17,374	17,543	18,299	20,266	21,398
Nondurable goods	(X)	171,852	159,130	157,685	169,585	187,569	195,451
Food products	311	31,882	31,334	31,465	31,776	33,494	35,711
Beverages and tobacco products	312	14,331	14,882	14,717	15,234	14,598	14,520
Textile mills	313	6,243	4,759	4,261	4,139	4,190	3,939
Textile product mills	314	4,698	3,397	3,229	3,256	3,557	3,494
Apparel	315	9,170	5,462	4,474	4,333	4,079	3,715
Leather and allied products	316	1,634	829	773	777	864	861
Paper products	322	15,205	14,286	13,444	14,237	14,781	15,239
Printing	323	6,445	5,775	5,500	5,781	6,128	6,250
Petroleum and coal products	324	12,840	14,258	15,786	19,431	27,783	30,844
Basic chemicals	325	51,623	48,328	48,295	53,210	58,935	61,071
Plastics and rubber products	326	17,781	15,820	15,741	17,411	19,160	19,807
NEW ORDERS							
All manufacturing industries	**(X)**	**4,161,472**	**3,801,734**	**3,964,423**	**4,255,188**	**4,734,955**	**4,974,738**
Durable goods	(X)	2,326,576	2,010,632	2,091,624	2,210,885	2,419,914	2,572,693
Wood products	321	93,669	89,020	92,069	104,135	112,017	104,970
Nonmetallic mineral products	327	97,329	95,064	96,945	102,880	114,321	120,851
Primary metals	331	153,625	138,014	140,637	185,893	206,072	233,261
Fabricated metals	332	270,021	242,338	246,219	265,864	295,699	310,265
Machinery	333	294,608	244,326	261,968	273,909	312,139	342,503
Computers and electronic products	334	436,415	272,217	287,319	297,237	295,399	327,403
Electrical equipment, appliances, and components	335	126,196	102,411	99,345	106,517	114,507	126,790
Transportation equipment	336	663,326	625,786	661,282	663,460	741,909	767,538
Furniture and related products	337	74,532	75,563	75,525	78,879	84,569	86,796
Miscellaneous products	339	116,855	125,893	130,315	132,111	143,282	152,316
Nondurable goods	(X)	1,834,896	1,791,102	1,872,799	2,044,303	2,315,041	2,402,045

X Not applicable. [1] Based on the North American Industry Classification System, 2002; see text, this section and Section 15.

Source: U.S. Census Bureau, *Current Industrial Reports, Benchmark Report for Manufacturers' Shipments, Inventories, and Orders: January 2001 through December 2006,* Series M3-3 (06) (released May 2007); see <http://www.census.gov/indicator/www/m3/>. See also <http://www.census.gov/indicator/www/m3/PastPressReleases/Prel/2006/dec06prel.pdf>(released 02 February 2007).

Table 982. **Value of Manufacturers' Shipments, Inventories, and New Orders by Market Grouping: 2000 to 2006**

[**In millions of dollars (4,028,584 represents $4,028,584,000,000).** Based on a sample survey; for methodology, see source]

Market grouping	2000	2001	2002	2003	2004	2005	2006
SHIPMENTS							
All manufacturing industries	**4,208,584**	**3,970,499**	**3,914,723**	**4,015,388**	**4,308,970**	**4,735,385**	**4,939,953**
Consumer goods	1,500,532	1,480,495	1,494,575	1,584,329	1,700,835	1,896,690	1,946,415
Consumer durable goods	391,463	367,522	395,953	418,821	419,182	422,386	415,425
Consumer nondurable goods	1,109,069	1,112,973	1,098,622	1,165,508	1,281,653	1,474,304	1,530,990
Aircraft and parts	111,658	118,226	108,639	102,931	105,850	113,985	130,105
Defense aircraft and parts	24,560	27,777	34,136	39,096	41,515	37,930	40,053
Nondefense aircraft and parts	87,098	90,449	74,503	63,835	64,335	76,055	90,052
Construction materials and supplies	444,812	424,517	424,008	429,183	463,148	509,674	529,032
Motor vehicles and parts	471,180	427,175	469,561	491,713	494,567	499,325	485,954
Computers and related products	110,242	89,529	73,807	69,073	63,270	68,469	66,547
Information technology industries	399,751	353,237	284,799	274,829	287,837	295,446	311,629
Nondefense capital goods	808,345	728,466	652,500	633,878	661,217	728,878	787,596
Excluding aircraft	757,617	678,229	609,654	600,699	629,207	685,318	730,560
Defense capital goods	67,051	73,533	76,085	85,724	91,688	91,552	95,225
Durables excluding capital goods	1,498,292	1,372,407	1,395,036	1,422,987	1,511,762	1,599,914	1,655,087
INVENTORIES (Dec. 31)							
All manufacturing industries	**470,084**	**417,487**	**412,328**	**397,631**	**428,321**	**466,171**	**496,115**
Consumer goods	128,148	118,835	121,561	121,435	128,535	142,222	150,576
Consumer durable goods	26,108	24,275	24,513	23,831	25,215	27,290	28,026
Consumer nondurable goods	102,040	94,560	97,048	97,604	103,320	114,932	122,550
Aircraft and parts	36,091	35,332	33,282	31,792	31,107	34,545	38,240
Defense aircraft and parts	9,423	9,007	8,970	10,233	10,840	12,134	12,109
Nondefense aircraft and parts	26,668	26,325	24,312	21,559	20,267	22,411	26,131
Construction materials and supplies	49,389	45,205	45,347	44,073	49,202	53,745	57,179
Motor vehicles and parts	22,283	19,868	20,890	20,795	21,991	23,325	24,219
Computers and related products	8,350	5,291	5,275	4,112	3,955	4,105	4,257
Information technology industries	50,795	41,443	37,700	34,097	35,853	32,837	34,904
Nondefense capital goods	127,162	111,042	104,643	96,430	99,245	104,657	115,041
Excluding aircraft	106,669	90,403	85,830	79,592	84,158	86,799	94,214
Defense capital goods	17,153	13,543	14,025	15,150	15,361	19,327	16,238
Durables excluding capital goods	153,917	135,686	134,530	128,366	144,130	154,618	169,385
NEW ORDERS							
All manufacturing industries	**4,161,472**	**3,872,490**	**3,801,734**	**3,964,423**	**4,255,188**	**4,734,955**	**4,974,738**
Consumer goods	1,501,810	1,478,656	1,494,722	1,585,292	1,701,298	1,895,570	1,946,282
Consumer durable goods	392,741	365,683	396,100	419,784	419,645	421,266	415,292
Consumer nondurable goods	1,109,069	1,112,973	1,098,622	1,165,508	1,281,653	1,474,304	1,530,990
Aircraft and parts	130,575	110,560	102,930	99,843	104,962	150,109	194,309
Defense aircraft and parts	31,326	36,299	39,161	44,552	31,758	30,031	42,108
Nondefense aircraft and parts	99,249	74,261	63,769	55,291	73,204	120,078	152,201
Construction materials and supplies	446,792	419,920	422,093	429,281	466,301	517,392	531,638
Motor vehicles and parts	468,470	425,554	470,049	493,589	495,286	502,107	488,996
Computers and related products	107,656	89,208	74,089	68,048	61,678	67,351	66,344
Information technology industries	409,500	344,402	265,375	276,841	293,619	295,010	325,779
Nondefense capital goods	831,335	698,447	621,802	634,697	672,945	787,502	869,149
Excluding aircraft	767,754	664,855	582,751	609,117	630,331	698,076	756,423
Defense capital goods	79,598	83,789	70,927	96,858	92,191	91,910	106,475
Durables excluding capital goods	1,415,643	1,294,161	1,317,903	1,360,069	1,445,749	1,540,502	1,597,069

Source: U.S. Census Bureau, *Current Industrial Reports, Benchmark Report for Manufacturers' Shipments, Inventories, and Orders: January 2001 through December 2006,* Series M3-3 (06) (released May 2007); see <http://www.census.gov/indicator/www/m3/>. See also <http://www.census.gov/indicator/www/m3/PastPressReleases/Prel/2006/dec06prel.pdf> (released 02 February 2007).

Table 983. **Finances and Profits of Manufacturing Corporations: 1990 to 2006**

[**In billions of dollars (2,811 represents $2,811,000,000,000).** Data exclude estimates for corporations with less than $250,000 in assets at time of sample selection. See Table 770 for individual industry data]

Item	1990 [1]	1995 [1]	2000 [1]	2001 [1]	2001 [2]	2002 [2]	2003 [2]	2004 [2]	2005 [2]	2006 [2]
Net sales	2,811	3,528	4,548	4,308	4,295	4,217	4,397	4,934	5,411	5,800
Net operating profit	173	268	348	185	186	225	237	320	359	411
Net profit:										
Before taxes	160	274	381	82	83	196	306	447	524	617
After taxes	112	198	275	36	36	135	237	348	401	481
Cash dividends	62	81	132	102	103	106	115	143	179	167
Net income retained in business	49	117	143	-67	-66	28	122	205	222	314

[1] Based on Standard Industrial Classification system. [2] Based on the North American Industry Classification System, 2002; see Text, Section 15.

Source: U.S. Census Bureau, *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations.* See also 2006 4th quarter press release issued April 2007 <http://www.census.gov/csd/qfr/>.

Table 984. **Manufacturing Corporations—Assets and Profits by Asset Size: 1990 to 2006**

[**In millions of dollars (2,629,458 represents $2,629,458,000,000). Corporations and assets as of end of 4th quarter; profits for entire the year.** Through 2000, based on Standard Industrial Classification code; beginning 2001, based on North American Industry Classification System; see text, Section 15. For corporations above a certain asset value based on complete canvass. The asset value for complete canvass was raised in 1988 to $50 million and in 1995 to $250 million. Asset sizes less than these values are sampled, except as noted. For details regarding methodology, see source for first quarter, 1988. Minus sign (–) indicates loss]

Year	Total [1]	Asset-size class						
		Under $10 mil. [1]	$10–$25 mil.	$25–$50 mil.	$50–$100 mil.	$100–$250 mil.	$250–$1 bil.	$1 bil. and over
Assets:								
1990	2,629,458	142,498	74,477	55,914	72,554	123,967	287,512	1,872,536
1991	2,688,422	140,056	70,567	58,549	72,694	127,748	295,743	1,923,066
1992	2,798,625	143,766	70,446	65,718	75,967	132,742	302,287	2,007,698
1993	2,904,869	149,763	72,854	61,243	81,389	134,388	317,774	2,087,457
1994	3,080,231	148,751	81,505	66,405	82,116	138,950	358,100	2,204,404
1995	3,345,229	155,618	87,011	68,538	87,262	159,133	370,263	2,417,403
1996	3,574,407	163,928	87,096	69,722	93,205	156,702	398,651	2,605,102
1997	3,746,797	167,921	87,398	76,034	85,186	157,130	397,559	2,775,570
1998	3,967,309	170,068	87,937	69,627	86,816	148,060	419,153	2,985,647
1999	4,382,814	170,058	85,200	67,352	97,810	138,143	398,881	3,425,370
2000	4,852,106	171,666	85,482	72,122	90,866	149,714	389,537	3,892,720
2001 [2]	4,747,789	169,701	84,664	67,493	88,088	131,617	393,752	3,812,474
2002	4,823,219	166,191	82,369	62,654	81,667	134,821	407,423	3,888,095
2003	5,162,852	161,462	80,681	62,592	77,205	126,826	392,192	4,261,894
2004	5,538,113	163,072	80,085	71,674	81,741	126,950	414,144	4,600,447
2005	5,828,716	165,195	85,785	68,731	87,818	142,900	423,917	4,854,370
2006	6,305,267	170,904	94,846	77,892	94,028	155,200	419,731	5,292,666
Net profit: [3]								
1990	110,128	8,527	5,160	2,769	2,661	3,525	7,110	80,377
1991	66,407	6,820	4,271	2,564	1,704	1,707	5,027	44,316
1992	22,085	9,567	4,748	3,245	3,034	4,553	5,919	–8,979
1993	83,156	11,195	5,415	3,439	3,218	3,584	4,555	51,750
1994	174,874	14,131	7,057	4,072	4,996	6,745	14,626	123,250
1995	198,151	13,224	5,668	3,767	5,771	7,000	16,549	146,172
1996	224,869	15,802	6,872	4,266	5,664	7,935	16,059	168,271
1997	244,505	17,948	8,383	4,153	4,675	7,074	18,433	183,836
1998	234,386	18,350	6,421	3,790	4,681	5,610	14,364	181,170
1999	257,805	17,398	7,618	3,504	4,798	4,795	12,756	206,934
2000	275,313	16,578	6,820	3,403	2,742	3,510	15,121	227,136
2001 [2]	36,168	8,387	3,366	–408	403	–543	–6,782	31,746
2002	134,686	10,003	2,784	807	1,699	3,356	–1,227	117,262
2003	237,041	9,821	3,374	2,005	2,256	2,973	4,115	212,497
2004	348,151	14,970	5,745	3,858	3,080	5,140	12,787	302,571
2005	401,344	17,357	6,057	4,066	3,781	7,678	15,967	346,438
2006	481,002	22,409	8,667	5,214	5,749	9,140	22,308	407,515

[1] Excludes estimates for corporations with less than $250,000 in assets at time of sample selection. [2] Beginning 2001, data reported on a NAICS basis. [3] After taxes.

Source: U.S. Census Bureau, *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations.* See also 2006 4th quarter press release issued April 2007; <http://www.census.gov/csd/qfr>.

Table 985. **Manufacturing Corporations—Selected Finances: 1990 to 2006**

[**In billions of dollars (2,811 represents $2,811,000,000,000).** Data are not necessarily comparable from year to year due to changes in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. Through 2000, based on Standard Industrial Classification code; beginning 2001, based on North American Industry Classification System; see text, Section 15]

Year	All manufacturing corps.			Durable goods industries			Nondurable goods industries		
		Profits [1]			Profits [1]			Profits [1]	
	Sales	Before taxes	After taxes	Sales	Before taxes	After taxes	Sales	Before taxes	After taxes
1990	2,811	158	110	1,357	57	41	1,454	101	69
1991	2,761	99	66	1,304	14	7	1,457	85	59
1992 [2]	2,890	31	22	1,390	–34	–24	1,500	65	46
1993	3,015	118	83	1,490	39	27	1,525	79	56
1994	3,256	244	175	1,658	121	87	1,598	123	88
1995	3,528	275	198	1,808	131	94	1,721	144	104
1996	3,758	307	225	1,942	147	106	1,816	160	119
1997	3,922	331	244	2,076	167	121	1,847	164	123
1998	3,949	315	234	2,169	175	128	1,781	140	107
1999	4,149	355	258	2,314	199	140	1,835	157	117
2000	4,548	381	275	2,457	191	132	2,091	190	144
2001 [3]	4,295	83	36	2,321	–69	–76	1,974	152	112
2002	4,217	196	135	2,261	45	21	1,955	149	113
2003	4,397	306	237	2,283	118	88	2,114	188	149
2004	4,934	447	348	2,537	200	157	2,397	248	192
2005	5,411	524	401	2,731	211	161	2,681	313	240
2006	5,800	617	481	2,919	256	199	2,881	361	282

[1] Beginning 1998, profits before and after income taxes reflect inclusion of minority stockholders' interest in net income before and after income taxes. [2] Data for 1992 (most significantly 1992: first qtr.) reflect the early adoption of Financial Accounting Standards Board Statement 106 (Employer's Accounting for Post-Retirement Benefits Other Than Pensions) by a large number of companies during the fourth quarter of 1992. Data for 1993: first qtr. also reflect adoption of Statement 106. Corporations must show the cumulative effect of a change in accounting principle in the first quarter of the year in which the change is adopted. [3] Beginning 2001, data reported on a NAICS basis.

Source: U.S. Census Bureau, *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations.* See also 2006 4th quarter press release issued April 2007 <http://www.census.gov/csd/qfr/>.

Table 986. **Tobacco Products—Summary: 1990 to 2006**

[**710 represents 710,000,000,000).** Production data are for calendar years. Excludes cigars produced in customs bonded manufacturing warehouses. 2006 data are preliminary]

Item	Unit	1990	1995	2000	2001	2002	2003	2004	2005	2006
PRODUCTION										
Cigarettes, total	Billions	710	747	565	562	532	499	494	489	484
Nonfilter tip	Billions	23	15	7	6	5	6	5	4	(NA)
Filter tip	Billions	687	732	558	556	527	494	488	486	(NA)
Cigars	Billions	1.9	2.1	2.8	3.7	3.8	4.0	4.4	3.7	4.1
Tobacco [1]	Mil. lb.	142	131	133	130	133	137	135	143	141
Smoking	Mil. lb.	16	12	14	13	16	18	16	17	17
Chewing tobacco	Mil. lb.	73	63	49	47	45	43	39	39	38
Snuff	Mil. lb.	53	60	70	70	73	76	79	87	86
EXPORTS										
Cigarettes	Bil. cigarettes	164.3	231.1	147.9	133.9	127.4	121.5	118.7	113.3	109.9
Cigars	Bil. cigars	72.0	94.0	113.0	124.0	122.7	130.2	171.0	301.0	180.0
Smoking tobacco	Bil. lb.	0.8	0.3	0.5	11.0	7.9	0.7	0.2	0.2	0.4
IMPORTS										
Cigarettes	Bil. cigarettes	1.4	3.0	11.3	14.7	20.8	23.1	22.7	18.1	16.2
Cigars	Bil. cigars	111.0	195.0	497.0	543.4	413.5	508.0	616.0	445.0	340.0
Smoking tobacco	Bil. lb	2.9	4.2	4.2	1.9	2.1	2.1	1.5	3.0	3.1
CONSUMPTION										
Tobacco products per person [2]	Lb. [3]	5.6	4.8	4.1	4.3	4.2	4.0	3.3	3.7	3.5
Cigarettes per person [2]	1,000	2.8	2.5	2.1	2.1	2.0	1.9	1.8	1.7	1.7
EXPENDITURES										
Consumer expenditures, total	Bil. dol.	43.8	48.7	77.5	82.9	88.2	86.8	86.3	88.7	(NA)
Cigarettes	Bil. dol.	41.6	45.8	72.9	77.8	82.8	81.1	79.9	82.0	(NA)
Cigars	Bil. dol.	0.7	1.0	1.8	2.1	2.2	2.5	2.9	3.1	(NA)
Other	Bil. dol.	1.5	2.5	2.7	3.0	3.1	3.2	3.4	3.7	(NA)

NA Not available. [1] Smoking and chewing tobaccos and snuff output. [2] Based on estimated population, 18 years old and over, as of July 1, including Armed Forces abroad. [3] Unstemmed processing weight equivalent.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Tobacco Situation and Outlook,* quarterly. See also <http://usda.mannlib.cornell.edu/usda/ers/TBS2000s/2007/TBS-04-24-2007.pdf> (released 24 April 2007).

Table 987. **Cotton, Wool, and Manmade Fibers—Consumption by End-Use: 2001 to 2005**

[**16,077 represents 16,077,000,000.** Represents products manufactured by U.S. mills. Excludes glass fiber]

Year		Cotton		Wool		Manufactured fibers					
								Artificial		Synthetic	
	Total (mil. lb.)	Total (mil. lb.)	Percent of end-use	Total (mil. lb.)	Percent of end-use	Total (mil. lb.)	Percent of end-use	Total (mil. lb.)	Percent of end-use	Total (mil. lb.)	Percent of end-use
Total:											
2001	16,077	4,484	27.9	120	0.7	11,472	71.4	276	1.7	11,196	69.6
2002	15,715	4,044	25.7	102	0.6	11,568	73.6	250	1.6	11,314	72.0
2003	14,754	3,465	23.5	98	0.7	11,191	75.9	227	1.5	10,964	74.3
2004	14,131	2,911	20.6	91	0.6	11,129	78.8	218	1.5	10,911	77.2
2005	13,840	2,850	20.6	82	0.6	10,908	78.8	210	1.5	10,697	77.3
Apparel:											
2001	5,338	2,651	49.7	73	1.4	2,613	49.0	135	2.5	2,479	46.4
2002	4,798	2,298	47.9	64	1.3	2,437	50.8	113	2.4	2,325	48.4
2003	4,155	1,904	45.8	65	1.6	2,187	52.6	93	2.2	2,094	50.4
2004	3,627	1,602	44.2	60	1.7	1,965	54.2	76	2.1	1,889	52.1
2005	3,450	1,600	46.4	51	1.5	1,799	52.1	62	1.8	1,736	50.3
Home textiles:											
2001	2,537	1,450	57.2	13	0.5	1,074	42.3	52	2.0	1,022	40.3
2002	2,385	1,370	57.4	10	0.4	1,004	42.1	48	2.0	951	39.9
2003	2,069	1,180	57.0	12	0.6	877	42.4	43	2.1	834	40.3
2004	1,745	940	53.9	10	0.6	794	45.5	40	2.3	753	43.2
2005	1,559	854	54.8	9	0.6	695	44.6	36	2.3	659	42.3
Floor coverings:											
2001	4,089	30	0.7	25	0.6	4,034	98.7	–	–	4,034	98.7
2002	4,373	30	0.7	20	0.5	4,323	98.9	–	–	4,323	98.9
2003	4,414	32	0.7	14	0.3	4,369	99.0	–	–	4,369	99.0
2004	4,490	32	0.7	14	0.3	4,444	99.0	–	–	4,444	99.0
2005	4,524	29	0.6	16	0.4	4,479	99.0	–	–	4,479	99.0
Industrial: [1]											
2001	4,114	353	8.6	10	0.2	3,751	91.2	90	2.2	3,661	89.0
2002	4,159	346	8.3	8	0.2	3,804	91.5	88	2.1	3,716	89.3
2003	4,116	349	8.5	8	0.2	3,759	91.3	91	2.2	3,668	89.1
2004	4,270	337	7.9	6	0.1	3,926	91.9	102	2.4	3,824	89.6
2005	4,307	367	8.5	5	0.1	3,934	91.3	112	2.6	3,822	88.7

– Represents or rounds to zero. [1] Includes consumer–type products.

Source: Fiber Economics Bureau, Inc., Arlington, VA, *Fiber Organon*, monthly (copyright).

Table 988. **Textiles—Production and Foreign Trade: 2005**

[2,072,405 represents 2,072,405,000. Fabric blends as shown in the report are reported based on the chief weight of the fiber; whereas, fabrics blends as shown for imports are based on the chief value of the fiber]

Product description	Manufacturers' production (quantity) (1,000)	Imports for consumption		Percent imports to manufacturers' production	Exports of domestic merchandise		Percent exports to manufacturers' production
		Quantity	Value ($1,000) [1]		Quantity	Value ($1,000)	
YARN (quantity 1,000 kilograms)							
Spun yarn	2,072,405	226,342	768,559	10.9	(S)	786,289	(S)
Textured, crimped, twisted, or bulked filament yarn	1,539,478	146,210	481,165	9.5	78,141	242,268	5.1
BROADWOVEN FABRICS [2] (quantity 1,000 square meters)							
Spun yarn fabrics	3,232,752	1,521,034	1,885,922	47.1	376,762	754,252	11.7
85 percent or more filament yarn fabrics, manmade	4,313,207	980,109	721,380	22.7	(NA)	(NA)	(NA)
Spun/filament combinations (except blue denim and other yarn dyed)	421,048	199,647	272,155	47.4	61,093	119,206	14.5
Silk fabrics	(D)	41,268	311,252	(D)	3,894	21,962	(D)
KNIT FABRICS (quantity 1,000 kilograms)							
Pile fabrics	56,790	175,305	239,270	308.7	36,810	178,458	64.8
Elastic fabric	27,649	28,642	293,657	103.6	(S)	399,404	(S)
Other warp knit fabrics	49,225	27,214	178,498	55.3	10,123	100,386	20.6
Other weft knit fabrics	341,254	97,205	448,273	28.5	224,662	1,074,864	65.8
Other narrow knit fabrics	4,032	1,102	14,882	27.3	(S)	25,185	(S)
SHEETS, PILLOWCASES, AND TOWELS (quantity 1,000 dozens)							
Sheets and pillowcases	16,023	36,679	1,814,441	228.9	946	68,918	5.9
Finished towels	29,971	133,621	1,542,183	445.8	2,209	49,388	7.4

D Withheld to avoid disclosing data for individual companies. NA Not available. S Does not meet publication standards. [1] Dollar value represents the c.i.f. (cost, insurance, and freight) at the first port of entry in the United States plus calculated import duty. [2] Represents production of gray broadwoven fabrics; import and export data represent gray as well as finished broadwoven fabrics.

Source: U.S. Census Bureau, *Current Industrial Reports, Textiles,* Series MQ313A. <http://www.census.gov/cir/www/index.html>.

Table 989. **Footwear—Consumption, Production, and Imports: 1990 to 2004**

[In millions of pairs of shoes (1,305.2 represents 1,305,200,000), except as indicated]

Item	1990	2000	2003	2004	Item	1990	2000	2003	2004
CONSUMPTION					Other	(NA)	2.0	0.2	0.2
Consumption, total	**1,305.2**	**1,851.5**	**2,007.9**	**2,159.0**	Rubber or fabric	(NA)	20.6	11.3	8.5
Production	184.6	86.6	39.8	35.2	Plastic or protective	(NA)	7.2	6.2	6.8
Imports	1,120.7	1,764.9	1,968.1	2,123.8	IMPORTS				
Percent of consumption	85.9	95.3	98.0	98.4	Men's	102.1	200.5	213.3	220.5
PRODUCTION					Men's work	13.2	24.1	26.5	27.8
Men's	(NA)	24.0	12.7	12.1	Women's	415.2	587.2	730.5	814.4
Men's work	(NA)	9.2	8.1	8.9	Juveniles'	132.8	228.3	251.5	259.8
Women's	(NA)	9.8	5.2	4.7	Athletic	212.3	288.1	345.2	361.8
Juveniles'	(NA)	1.4	0.3	0.2	Slippers	17.9	76.3	84.5	124.9
Athletic	(NA)	0.3	0.1	0.1	Other	3.9	9.9	9.4	9.6
Slippers	(NA)	31.2	3.9	2.7	Rubber or fabric	199.2	317.3	225.7	188.4
					Plastic or protective	23.9	10.4	18.3	19.2

NA Not available.

Source: American Apparel and Footwear Association, Arlington, VA, *Shoe Stats,* annual. See also <http://www.apparelandfootwear.org/>.

Table 990. **Pharmaceutical Preparations—Value of Shipments: 2000 to 2005**

[In millions of dollars (79,262 represents 79,262,000,000]

Product description	Product code	2000	2001	2002	2003	2004	2005
Pharmaceutical preparations, except biologicals	**(X)**	**79,262**	**90,182**	**100,741**	**107,561**	**109,852**	**116,301**
Affecting neoplasms, endocrine systems, and metabolic disease	3254121100	9,784	14,819	17,499	20,065	20,789	23,341
Acting on the central nervous system and sense organs	3254124100	18,508	18,975	24,345	24,759	25,001	25,044
Acting on the cardiovascular system	3254127100	8,993	9,798	10,339	9,671	10,224	10,246
Acting on the respiratory system	325412A100	10,179	11,692	12,504	13,758	15,148	16,216
Acting on the digestive system	325412D100	10,046	12,616	13,373	15,052	15,252	16,776
Acting on the skin	325412G100	2,941	2,708	2,844	3,083	3,283	3,245
Vitamin, nutrient, and hematinic preps	325412L100	5,676	5,884	6,029	6,877	6,683	6,827
Affecting parasitic and infective disease	325412P100	11,037	11,193	11,337	11,848	10,819	11,244
Pharmaceutical preps. for veterinary use	325412T100	2,096	2,497	2,471	2,449	2,653	3,362

X Not applicable.

Source: U.S. Census Bureau, *Current Industrial Reports, Pharmaceutical Preparations, Except Biologicals* Series MA325G. See <http://www.census.gov/mcd/index.html>.

Table 991. **Inorganic Chemicals and Fertilizers—Production: 2000 to 2005**

[**15,809 represents 15,809,000**]

Product description	Product code	Unit	2000	2003	2004	2005
INORGANIC FERTILIZERS						
Ammonia, synthetic anhydrous	3253111120	1,000 short tons	15,809	11,130	12,058	11,181
Ammonium nitrate, original solution	3253111201	1,000 short tons	7,979	6,328	7,229	7,212
Ammonium sulfate	3253111240	1,000 short tons	2,808	2,871	3,005	2,906
Urea (100%)	3253114100	1,000 short tons	7,682	6,375	6,344	5,807
Nitric acid (100%)	3253111111	1,000 short tons	8,708	7,189	7,129	7,398
Phosphoric acid (100% P2O5)	3253121100	1,000 short tons	12,492	12,537	12,693	12,609
Sulfuric acid, gross (100%)	3251881100	1,000 short tons	43,643	41,144	41,934	40,956
Superphosphates and other fertilizer materials (100% P2O5)	3253124100	1,000 short tons	8,899	8,837	8,737	8,141
INORGANIC CHEMICALS						
Chlorine gas	3251811111	1,000 metric tons	14,000	10,361	12,329	10,277
Sodium hydroxide, total liquid	3251814111	1,000 metric tons	11,523	8,796	9,620	8,520
Potassium hydroxide liquid	3251817111	1,000 metric tons	539	471	525	527
Finished sodium bicarbonate	3251817131	1,000 metric tons	536	540	579	581
Hydrochloric acid	3251884131	1,000 metric tons	4,717	(S)	5,302	4,619
Aluminum oxide	3313110100	1,000 metric tons	(D)	(D)	(D)	(D)
Aluminum sulfate (commercial)	3251887151	1,000 metric tons	1,076	965	972	967
Sodium chlorate	325188A141	1,000 metric tons	940	669	556	523
Sodium phosphate tripoly	325188A174	1,000 metric tons	(D)	(D)	(D)	(D)
Sodium silicates [1]	325188A181	1,000 metric tons	1,136	1,074	1,112	1,031
Sodium metasilicates	325188A187	1,000 metric tons	72	61	58	59
Sodium sulfate	325188A1A7	1,000 metric tons	509	89	86	93
Carbon activated [2]	325998H1E7	1,000 metric tons	166	112	(D)	(D)
Hydrogen peroxide	325188G181	1,000 metric tons	1,083	340	357	365
Phosphorous, oxychloride, and trichlorde	325188G1F1	1,000 metric tons	(D)	(D)	(D)	(D)

D Withheld to avoid disclosing data for individual companies. S Does not meet publication standards. [1] Other than metasilicates. [2] Granular and pulverized.

Source: U.S. Census Bureau, *Current Industrial Reports, Inorganic Chemicals,* Series MQ325A and *Fertilizers and Related Chemicals,* Series MQ325B. See <http://www.census.gov/cir/www/index.html>.

Table 992. **Aluminum—Supply, Shipments, and Foreign Trade: 1990 to 2006**

[**In millions of pounds (17,334 represents 17,334,000,000)**]

Item	1990	1995	2000	2002	2003	2004	2005	2006, prel.
SUPPLY								
Aluminum supply, total	**17,334**	**20,425**	**23,586**	**21,117**	**21,145**	**22,281**	**23,571**	**22,836**
Primary production	8,925	7,441	8,087	5,964	5,962	5,549	5,468	5,029
Recovery from scrap	5,276	7,030	7,606	6,453	6,215	6,669	6,592	6,658
Imports of ingot and mill products	3,133	5,956	7,893	8,701	8,968	10,063	11,510	11,149
Aluminum net shipments, total	**17,188**	**21,019**	**24,496**	**23,607**	**23,392**	**24,950**	**25,541**	**25,982**
PRODUCT [1]								
Mill products, total	13,013	15,716	17,676	15,701	15,693	17,122	17,734	17,936
Sheet, plate, and foil	9,297	11,168	12,116	10,570	10,562	11,463	11,810	11,794
Rod, bar, and wire	370	534	690	591	576	631	660	698
Electrical conductor	542	566	681	708	694	763	794	850
Extruded shapes and tube	2,546	3,102	3,792	3,457	3,468	3,821	4,018	4,137
Powder and paste	106	108	142	142	146	155	144	140
Forgings and impacts	152	238	255	233	247	289	308	317
Ingot for castings and other [2]	4,175	5,303	6,820	7,906	7,699	7,828	7,807	8,046
MARKET [1]								
Domestic, total	14,637	18,152	21,680	21,211	21,403	22,901	23,060	23,151
Building and construction	2,663	2,679	3,204	3,437	3,432	3,692	3,683	3,624
Transportation	3,205	5,749	7,947	7,523	7,804	8,509	8,683	8,666
Consumer durables	1,122	1,369	1,692	1,504	1,498	1,585	1,561	1,644
Electrical	1,309	1,395	1,704	1,491	1,433	1,580	1,644	1,701
Machinery and equipment	992	1,257	1,496	1,427	1,452	1,610	1,634	1,676
Containers and packaging	4,772	5,088	4,992	4,979	4,941	5,098	5,115	5,113
Other	574	615	645	850	843	827	740	727
Exports	2,551	2,867	2,816	2,396	1,988	2,049	2,481	2,834
FOREIGN TRADE [3]								
Exports	3,753	3,846	4,100	3,746	3,662	4,416	5,629	6,592
Imports	3,718	6,899	9,358	9,679	9,884	11,221	12,607	12,322

[1] Statistics on shipments and markets for 1990 to 2000 represent total U.S. producer's shipments plus imports by consumers. Beginning 2002, figures include Canada. [2] Net ingot for foundry castings, export, and destructive uses. [3] U.S. imports and exports of aluminum ingot, mill products, and scrap.

Source: The Aluminum Association, Inc., Washington, DC, *Aluminum Statistical Review,* annual.

Table 993. **Iron and Steel Industry—Summary: 1990 to 2005**

[The complete publication including this copyright table is available for sale from the U.S. Government Printing Office and the National Technical Information Service]

Table 994. **Steel Products—Net Shipments by Market Classes: 1990 to 2005**

[The complete publication including this copyright table is available for sale from the U.S. Government Printing Office and the National Technical Information Service]

Table 995. **Metalworking Machinery—Value of Shipments: 2005**

[**In thousands of dollars (2,800,272 represents $2,800,272,000)**]

Product description	Product code	**2005**
Metalworking machinery	**(X)**	**2,800,272**
Metal cutting type [1, 2, 3]	(X)	2,079,874
Boring and drilling machines	333512A1	110,971
Gear cutting machines [1]	33351211	(D)
Grinding and polishing machines	33351221	265,035
Lathes [2, 3, 4, 5]	33351231	248,240
Milling machines [2, 6]	33351241	53,582
Machining centers	33351271	619,563
Station type machines	33351281	104,481
Other metal cutting machine tools	33351291	431,962
Remanufactured metal cutting machine tools	3335126111	93,404
Metal forming type [7, 8]	(X)	720,398
Punching and shearing machines	33351311 pt.	125,808
Bending and forming machines	33351311 pt.	218,465
Presses, except forging [7]	33351331	139,924
Other metal forming type machines [7, 8]	33351351 pt.	206,547
Remanufactured metal forming machine tools [8]	3335137121	(D)

D Withheld to avoid disclosing data for individual companies. X Not applicable. [1] Data for "Gear cutting machines" are included in total "Metal cutting type." [2] Data for "All lathes (turning machines) valued under $3,025 each" and "All Milling machines valued under $3,025 each" are included in total "Metal cutting type." [3] Data for product code 3335123126, "Vertical NC turning machines," are included in total "Metal cutting type." [4] Product class 33351231, "Lathes," excludes the values for product code 3335123131, "All lathes (turning machines) valued under $3,025 each." [5] Product class 33351231, "Lathes," excludes the values for product code 3335123126, "Vertical NC turning machines." [6] Product class 33351241, "Milling machines," excludes the value for product code 3335124101, "All milling machines valued under $3,025 each." [7] Data for product codes 3335133101, "All presses valued under $3,025 each" and 3335135101, "All other metal forming type machine tools valued under $3,025 each," are included in total "Metal forming Type." [8] Product code 3335137121 was included in product class 33351351 to avoid disclosing data for individual companies.

Source: U.S. Census Bureau, *Current Industrial Reports, Metalworking Machinery,* Series MQ333W. See <http://www.census.gov/cir/www/index.html>.

Table 996. **U.S. Machine Tool Consumption—Gross New Orders and Exports: 2005 and 2006**

[**Value in millions of dollars (3,581 represents $3,581,000,000)**]

Item	2005				2006			
	Total	Metal cutting machines	Metal forming machines	Other manufacturing technology	Total	Metal cutting machines	Metal forming machines	Other manufacturing technology
New order units, total	**23,058**	**19,540**	**979**	**2,539**	**27,288**	**23,670**	**1,183**	**2,435**
Northeast [1]	3,633	3,107	169	357	4,561	3,989	185	387
South [2]	3,941	3,255	204	482	4,189	3,441	253	495
Midwest [3]	6,935	5,581	319	1,035	7,412	6,241	294	877
Central [4]	4,931	4,316	169	446	6,571	5,836	307	428
West [5]	3,618	3,281	118	219	4,555	4,163	144	248
New order value, total	**3,581**	**2,871**	**178**	**532**	**4,380**	**3,708**	**182**	**490**
Northeast [1]	475	400	25	51	641	558	24	58
South [2]	586	440	46	99	587	459	37	91
Midwest [3]	1,266	998	67	201	1,380	1,158	53	169
Central [4]	782	629	25	128	1,115	956	47	111
West [5]	472	403	16	53	657	577	20	60
Export order units [6]	1,915	1,443	202	270	1,918	1,435	176	307
Export order value [6]	533	394	46	92	577	429	36	112

[1] Covers Maine, New Hampshire, Vermont, New York, Massachusetts, Connecticut, Rhode Island, New Jersey, and Pennsylvania. [2] Covers Delaware, Maryland, Virginia, West Virginia, Kentucky, North Carolina, South Carolina, Tennessee, Mississippi, Alabama, Georgia, and Florida. [3] Covers Wisconsin, Michigan, Ohio, Illinois, and Indiana. [4] Covers Minnesota, North Dakota, South Dakota, Montana, Wyoming, Idaho, Iowa, Nebraska, Kansas, Missouri, Oklahoma, Arkansas, Louisiana, Texas, New Mexico, Colorado, and Utah. [5] Covers Washington, Oregon, California, Nevada, and Arizona. [6] Represents orders placed with U.S. builders.

Source: The Association for Manufacturing Technology, McLean, VA, (copyright); and American Machine Tool Distributors Association, Rockville, MD, *U.S. Machine Tool Consumption Report*, monthly.

Table 997. **Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment—Value of Shipments: 2000 to 2005**

[**In millions of dollars (703 represents $703,000,000)**]

Product description	Product code	2000	2001	2002	2003	2004	2005
Semiconductor machinery	3332950	(NA)	(NA)	(NA)	(NA)	(NA)	7,969
Transmittal, industrial, and special-purpose electron tubes (except x-ray)	3344111	703	700	584	629	641	652
Receiving type electron tubes and cathode ray picture tubes	3344114	3,458	2,847	2,486	1,508	1,049	621
Electron tube parts	3344117	144	125	91	63	78	84
Bare printed circuit boards	3344120	11,892	8,911	5,764	4,871	4,709	4,794
Integrated microcircuits (semiconductor networks)	3344131	73,664	46,337	49,726	54,830	60,097	62,984
Transistors	3344134	1,569	913	818	608	656	598
Diodes and rectifiers	3344137	621	403	370	391	305	323
Other semiconductor devices	334413A	9,757	7,632	6,632	6,519	7,247	8,390
Capacitors for electronic circuitry	3344140	2,786	1,734	1,338	1,192	1,184	1,031
Resistors for electronic circuitry	3344150	982	776	653	636	744	650
Electronic coil, transformer, and other indicator manufacturing	3344160	1,719	1,362	1,154	957	1,116	1,202
Coaxial connectors	3344171	805	506	464	402	403	376
Cylindrical connectors	3344174	725	688	528	563	631	506
Rack and panel connectors	3344177	532	359	264	268	291	304
Printed circuit connectors	334417A	1,811	1,147	776	834	1,013	939
Other connectors including parts	334417D	2,059	2,052	1,436	1,418	1,079	1,145
Printed circuit assemblies, loaded boards, and modules	334418B	37,273	31,214	23,171	19,715	19,566	19,151
Crystals, filters (except microwave) and piezoelectric devices	3344191	1,168	984	726	601	654	771
All other miscellaneous transducers	3344194	1,519	1,331	1,203	1,219	1,495	1,519
Switches, mechanical types for electronic circuitry	3344197	903	828	836	739	716	742
Microwave components and devices	334419A	2,435	1,848	1,511	1,415	1,326	1,158
All other electronic components	334419E	8,332	6,173	4,366	4,060	4,158	4,183

NA Not available.

Source: U.S. Census Bureau, *Current Industrial Reports, Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment,* Series MA334Q. See <http://www.census.gov/cir/www/index.html>.

Table 998. **Computers Perpherial Equipment—Value of Shipments: 2000 to 2005**

[In millions of dollars (62,857 represents $62,857,000,000)]

Product	Product code	2000	2001	2002	2003	2004	2005
Electronic computers [1]	334111	62,857	48,543	40,448	38,271	37,895	38,386
Host computers (multiusers)	3341111	22,877	16,469	13,053	12,237	10,993	11,759
Single-user computers	3341117	38,981	31,492	26,586	25,164	26,309	25,906
Other computers	334111D	998	581	809	870	593	721
Computer storage devices (except parts, attachments, and accessories)	3341121	8,995	7,319	5,027	5,101	5,034	6,100
Parts, attachments, and accessories for computer storage devices	3341124	1,692	1,699	1,578	1,130	1,039	1,441
Computer terminals [1]	3341131	415	361	266	258	274	245
Parts, attachments, and accessories for computer terminals [1]	3341134	(D)	(D)	(D)	1	2	(D)
All other miscellaneous computer peripheral equipment	3341191	(S)	(S)	(S)	(S)	4,705	4,425
Parts, subassemblies, and accessories for computer peripheral equipment	3341194	2,766	2,360	1,905	1,849	2,257	2,743
Point-of-sale terminals and funds-transfer devices	3341197	852	977	632	732	513	497
Parts and attachments for point-of-sale terminals and funds-transfer devices	334119D	(NA)	(NA)	(NA)	(NA)	(D)	(D)
Magnetic and optical recording media	3346130	3,206	2,228	2,207	2,271	1,586	1,303

D Withheld to avoid disclosing data for individual companies. NA Not available. S Does not meet publication standards.
[1] Excludes point-of-sale and funds transfer devices.

Source: U.S. Census Bureau, *Current Industrial Reports, Computers and Peripheral Equipment,* Series MA334R (beginning with 2006, MQ334R). See <http://www.census.gov/cir/www/index.html>.

Table 999. **Computers and Peripheral Equipment—Shipments: 2004 and 2005**

[27,335 represents 27,335,000]

Product	Product code	Number of companies, 2005	Quantity (1,000)		Value (mil. dol.)	
			2004	2005	2004	2005
Electronic computers [1]	**334111**	**93**	**27,335**	**24,947**	**37,895**	**38,385**
Host computers, multiusers	3341111	40	(D)	(D)	10,993	11,759
Single-user computers, microprocessor-based, capable of supporting attached peripherals [1]	3341117	56	23,256	22,878	26,309	25,906
Personal computers	3341117107	24	16,252	(D)	15,690	(D)
Workstations	3341117109	32	1,045	(D)	1,848	(D)
Other computers (array, analog, hybrid, and special-use computers)	334111D	29	(D)	(D)	593	721
Computer storage devices (except parts, attachments, and accessories)	3341121	42	(X)	(X)	5,034	6,100
Disk subsystem and disk arrays for multiuser computer systems	3341121109	15	116	225	1,362	2,008
Disk drives (all sizes)	3341121112	13	(X)	(X)	69	11
Storage Area Networks(SANs)	3341121123	3	(D)	391	(D)	10
Tape drives (all sizes)	3341121138	10	(X)	(X)	278	289
USB Flash memory (thumb drives)	3341121141	–	(NA)	–	(NA)	–
Other computer storage devices	3341121145	22	(D)	1,162	(D)	3,781
Parts, attachments, and accessories for computer storage devices	3341124	13	(X)	(X)	1,039	1,441
Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories)	3341131	19	(X)	(X)	274	245
Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices)	3341134	6	(X)	(X)	2	(D)
All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments and accessories)	3341191	128	(X)	(X)	4,705	4,425
Parts, subassemblies, and accessories for computer peripheral equipment	3341194	34	(X)	(X)	2,256	2,743
Point-of-sale terminals and funds-transfer devices	3341197	17	427	292	513	497
Magnetic and optical recording media	3346130	19	(X)	(X)	1,586	1,303

– Represents zero. D Withheld to avoid disclosing data for individual companies. NA Not available. X Not applicable.
[1] Includes other products, not shown separately.

Source: U.S. Census Bureau, *Current Industrial Reports, Computers and Peripheral Equipment,* Series MA334R (beginning with 2006, MQ334R). See <http://www.census.gov/cir/www/index.html>.

Table 1000. **U.S. Consumer Electronics Sales and Forecasts by Product Category: 2003 to 2007**

[**In millions of dollars (106,318 representes $106,318,000,000)**. Factory sales include imports]

Product category	2003	2004	2005	2006	2007, proj.
Total	**106,318**	**117,033**	**128,895**	**145,744**	**155,202**
In-the-home technologies total	58,806	64,022	67,135	73,297	75,719
TV sets and displays	14,528	16,783	19,022	25,085	26,574
Digital TV sets and displays [1]	8,692	12,300	15,563	23,661	26,301
Digital direct-view TV receivers	673	728	821	1,583	1,286
Digital projection TV	3,678	5,543	4,441	4,266	3,156
Direct-view LCD	664	1,579	3,258	8,480	12,224
Plasma	1,590	2,347	3,609	5,705	6,044
Front projection	2,087	2,103	2,914	2,943	2,993
Analog displays	5,836	4,483	3,459	1,424	273
Video components [1]	4,862	4,668	4,491	4,498	4,431
Component DVD players/recorders	2,698	2,183	2,053	2,254	2,100
Set-top boxes	1,757	2,355	2,359	2,196	2,315
Personal video recorders (PVRs)	178	459	701	1,104	1,366
Home information technologies and security [1]	33,428	36,315	38,187	38,947	40,202
Personal computers	15,584	18,233	19,400	19,666	20,264
Aftermarket computer monitors	1,856	2,214	2,315	2,218	2,175
Computer printers	4,734	4,053	3,995	3,953	3,675
Modems/fax modems	1,419	1,465	1,525	1,455	1,360
Other computer peripherals	2,707	3,032	3,375	3,656	4,045
Personal computer software	5,060	5,162	5,250	5,325	5,475
Home security systems	2,055	2,150	2,322	2,670	3,204
Audio separates/systems	3,000	3,390	2,862	2,634	2,590
Audio separates components	981	1,325	1,318	1,330	1,390
Communications [1]	2,988	2,866	2,573	2,133	1,922
Telephone answering devices	1,210	1,274	1,279	1,085	1,025
Fax machines	242	186	151	127	111
In-the-vehicle technologies total	6,388	7,062	7,860	8,809	9,708
Entertainment devices [1]	5,842	6,426	7,140	7,556	8,169
Aftermarket autosound equipment	2,180	2,336	2,270	2,056	2,036
Domestic factory-installed autosound	3,245	3,569	4,318	4,821	5,344
Information and security	546	636	720	1,253	1,539
Portable and transportable navigation	163	261	349	887	1,177
Anywhere technologies total	29,600	32,037	39,026	47,899	51,356
Digital imaging	5,923	6,390	7,315	9,492	8,536
Digital cameras	3,921	4,739	5,611	7,805	6,945
All camcorders	2,002	1,651	1,704	1,687	1,591
Portable entertainment	1,779	2,281	5,003	6,105	6,356
MP3 players	424	1,289	4,229	5,535	5,863
Electronic gaming	10,253	10,512	11,070	13,022	16,077
Electronic gaming hardware	3,188	3,162	3,029	4,016	5,990
Electronic gaming software	7,065	7,350	8,041	9,006	10,087
Portable communication	11,645	12,854	15,638	19,280	20,387
Wireless telephones	9,922	11,258	14,265	17,934	19,099
Consumer electronic enhancements	11,524	13,911	14,874	15,740	18,420
Accessories	7,774	8,453	9,170	10,007	11,124
Electronic accessories	2,368	2,723	3,268	3,987	4,984
Primary batteries	5,406	5,730	5,902	6,020	6,140
Blank media [1]	3,750	5,458	5,704	5,733	7,296
Blank computer media	1,800	1,841	2,189	1,966	2,249
Flash media	1,346	3,102	3,087	3,385	4,694

[1] Includes categories, not shown separately.

Source: Consumer Electronics Association, Washington, DC, *U.S. Consumer Electronics Sales and Forecasts, 2002–2007* (copyright).

Table 1001. **Telecommunication Equipment—Value of Shipments: 2000 to 2005**

[**In millions of dollars (15,174 represents $15,174,000,000**]

Product description	Product code	2000	2001	2002	2003	2004	2005
Telephone switching and switchboard equipment	3342101	15,174	12,188	7,437	4,900	3,294	1,576
Carrier line equipment and noncomsumer modems	3342104	13,112	10,943	4,488	3,045	3,598	2,824
Wireline voice and data network equipment	3342107	28,971	22,841	13,886	12,272	12,052	12,289
Communication systems and equipment [1]	3342201	36,357	36,501	25,104	25,805	31,230	30,272
Broadcast, studio, and related electronic equipment	3342202	4,029	3,491	3,304	2,932	2,763	3,289
Alarm systems	3342901	2,755	2,374	2,440	2,258	2,014	1,910
Vehicular and pedestrian traffic control equipment [2]	3342902	838	806	928	945	898	1,020
Intercommunications systems [3]	3342903	447	451	385	428	455	416
External modems, consumer	3344184	95	179	112	75	100	98
Laser sources	3359997	(S)	1,051	929	833	928	1,041

S Does not meet publication standards. [1] Includes microwave and space satellites. [2] Includes electrical railway signals and attachments. [3] Includes inductive paging systems (selective calling).

Source: U.S. Census Bureau, *Current Industrial Reports, Telecommunications,* Series MA334P. See <http://www.census.gov/cir/www/index.html>.

Table 1002. **Motor Vehicle Manufactures—Summary by Selected Industry: 2005**

[**49,404 represents $49,404,000,000.** Based on the Annual Survey of Manufactures; see Appendix III]

Industry	2002 NAICS code [1]	All employees [2]			Production workers [2]	Value of shipments [3] (mil. dol.)
		Number	Payroll			
			Total (mil. dol.)	Per employee (dol.)		
Motor vehicle manufacturing, total	**3361–3363**	**964,597**	**49,404**	**51,217**	**772,130**	**499,323**
Motor vehicle, total	3361	202,157	14,100	69,746	175,108	259,467
Automobile & light duty motor vehicle	33611	169,139	12,654	74,814	148,305	234,394
Automobile	336111	69,571	5,222	75,055	59,581	86,761
Light truck & utility vehicle	336112	99,568	7,432	74,646	88,724	147,634
Heavy duty truck	33612	33,018	1,446	43,785	26,803	25,073
Motor vehicle body & trailer	3362	149,222	5,272	35,327	118,349	33,515
Motor vehicle body	336211	48,342	1,806	37,350	36,307	10,797
Truck trailer	336212	29,965	1,012	33,783	24,829	7,133
Motor home	336213	21,924	774	35,293	17,841	6,241
Travel trailer & camper	336214	48,991	1,680	34,291	39,373	9,344
Motor vehicle parts	3363	613,218	30,033	48,976	478,673	206,342
Motor vehicle gasoline engine & engine parts	33631	74,159	4,273	57,618	57,537	35,400
Motor vehicle electrical and electronic equipment	33632	81,104	3,578	44,112	58,501	22,714
Motor vehicle steering and suspension	33633	37,576	1,866	49,650	29,728	10,853
Motor vehicle brake system	33634	38,185	1,559	40,823	29,635	14,077
Motor vehicle transmission & power train parts	33635	80,070	5,105	63,754	65,597	34,615
Motor vehicle seating & interior trim	33636	47,258	1,993	42,166	34,315	18,249
Motor vehicle metal stamping	33637	99,345	5,459	54,954	80,996	26,707
Other motor vehicle parts	33639	155,523	6,201	39,874	122,364	43,726

[1] North American Industry Classification System, 2002; see text, Section 15. [2] Production workers represent average number of production workers for March 12, June 12, September 12, and December 12 pay periods. All employees include production workers and other employees for the pay period that includes the 12th of March. [3] Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification.

Source: U.S. Census Bureau, *Annual Survey of Manufactures, Statistics for Industry Groups and Industries: 2005,* Series M05(AS-1) (issued November 2006). See Internet site <http://www.census.gov/mcd/asm-as1.html>.

Table 1003. **Motor Vehicle Manufactures—Employees, Payroll, and Shipments by Major State: 2005**

[**14,100 represents $14,100,000,000.** Industry based on the North American Industry Classification System (NAICS), 2002. See text, Section 15. See footnote 3, Table 1002, for information regarding shipments. Based on the Annual Survey of Manufactures; see Apppendix III]

Major state based on employment	Motor vehicle manufacturing (NAICS 3361)			Motor vehicle parts manufacturing (NAICS 3363)		
	Employees	Payroll (mil. dol.)	Shipments (mil. dol.)	Employees	Payroll (mil. dol.)	Shipments (mil. dol.)
United States [1]	**202,157**	**14,100**	**259,467**	**613,218**	**30,033**	**206,342**
Alabama	6,895	488	6,795	14,222	603	4,687
Arkansas	(2)	(D)	(D)	5,777	182	1,084
California	6,550	490	7,626	24,971	990	6,068
Florida	–	–	–	4,500	164	1,079
Georgia	5,713	384	6,764	9,366	344	2,458
Illinois	6,390	457	7,991	24,593	1,089	6,888
Indiana	13,129	914	19,839	74,992	3,957	23,024
Iowa	–	–	–	6,739	258	1,698
Kentucky	17,286	1,333	25,527	29,120	1,192	9,722
Michigan	37,251	2,923	55,587	133,650	7,985	50,419
Mississippi	(3)	(D)	(D)	5,888	215	2,025
Missouri	14,535	1,082	20,282	13,627	555	3,885
New Jersey	1,163	77	320	–	–	–
New York	–	–	–	179,791	1,052	6,729
North Carolina	(4)	(D)	(D)	18,200	721	7,165
Ohio	25,186	1,852	38,504	86,342	4,678	31,115
Oklahoma	(3)	(D)	(D)	4,470	185	1,268
Oregon	3,469	142	1,243	1,794	82	360
Pennsylvania	(2)	(D)	(D)	11,849	461	2,874
South Carolina	(4)	(D)	(D)	15,760	744	6,417
Tennessee	13,100	907	11,109	36,778	1,519	15,985
Texas	4,841	350	8,309	12,373	475	3,565
Utah	–	–	–	4,785	167	1,843
Virginia	(4)	(D)	(D)	6,782	283	2,085
Washington	(2)	(D)	(D)	2,128	86	443

– Represents zero. D Withheld to avoid disclosing data on individual companies. [1] Includes states not shown separately. [2] Employee class size of 1,000 to 2,499. [3] Employee class size of 2,500 to 4,999. [4] Employee class size of 5,000 to 9,999.

Source: U.S. Census Bureau, *Annual Survey of Manufactures, Geographic Area Statistics: 2005 Series M05(AS-3)* (issued November 2006). See Internet site <http://www.census.gov/mcd/asm-as3.html>.

Table 1004. **Aerospace—Sales, New Orders, and Backlog: 2000 to 2005**

[**In billions of dollars (109.3 represents $109,300,000,000), except as indicated.** Reported by establishments in which the principal business is the development and/or production of aerospace products]

Item	2000	2001	2002	2003	2004	2005
Net sales	**109.3**	**117.1**	**115.2**	**116.4**	**124.3**	**122.1**
Percent U.S. government	37.5	38.6	46.1	52.9	51.7	54.0
Complete aircraft and parts [1]	57.2	58.7	53.9	49.6	49.6	51.7
Aircraft engines and parts	12.5	15.9	14.8	13.8	16.1	16.3
Missiles and space vehicles, parts	15.6	15.5	15.6	15.6	14.2	9.7
Other products, services	24.0	26.9	30.9	37.4	44.4	44.3
Net, new orders	140.1	122.3	114.8	117.7	131.7	181.5
Backlog, Dec. 31	215.0	220.1	222.5	226.9	234.3	293.6

[1] Except engines sold separately.

Source: U.S. Census Bureau, *Current Industrial Reports, Civil Aircraft and Aircraft Engines; and Aerospace Industry,* Series MA336G. See <http://www.census.gov/cir/www/index.html>.

Table 1005. **Net Orders for U.S. Civil Jet Transport Aircraft: 1990 to 2006**

[1990 data are net new firm orders; beginning 1995, net announced orders. Minus sign (–) indicates net cancellations. In 1997, Boeing acquired McDonnell Douglas]

Type of aircraft and customer	1990	1995	2000	2002	2003	2004	2005	2006
Total number [1]	**670**	**421**	**585**	**174**	**237**	**267**	**1,004**	**1,058**
U.S. customers	259	138	412	89	84	23	220	321
Foreign customers	411	283	193	172	185	204	811	737
Boeing 737, total	189	189	378	117	204	142	571	739
U.S. customers	38	85	302	64	74	16	152	242
Foreign customers	151	104	86	127	145	92	439	497
Boeing 747, total	153	35	24	17	4	10	43	72
U.S. customers	24	2	1	–	–	1	13	18
Foreign customers	129	33	18	13	9	10	30	54
Boeing 757, total	66	–7	43	–	–1	–	–	–
U.S. customers	33	–6	38	2	–7	–	–	–
Foreign customers	33	–1	14	–	6	–	–	–
Boeing 767, total	60	26	6	–2	10	9	15	10
U.S. customers	23	4	–2	1	–	–	–	–
Foreign customers	37	22	14	12	15	1	20	10
Boeing 777, total	34	83	113	26	12	42	154	76
U.S. customers	34	–	60	–1	11	–	10	35
Foreign customers	–	83	53	27	8	43	146	41
Boeing 787, total	–	–	–	–	–	56	235	161
U.S. customers	–	–	–	–	–	–	45	26
Foreign customers	–	–	–	–	–	56	190	135
McDonnell Douglas MD-11, total	52	–6	–	–	–	–	–	–
U.S. customers	16	3	–	–	–	–	–	–
Foreign customers	36	–9	–	–	–	–	–	–
McDonnell Douglas MD-80/90, total	116	51	–	–	–	–	–	–
U.S. customers	91	–	–	–	–	–	–	–
Foreign customers	25	51	–	–	–	–	–	–
McDonnell Douglas MD-95, total	–	50	21	16	8	8	–14	–
U.S. customers	–	50	13	23	6	6	–	–
Foreign customers	–	–	8	–7	2	2	–14	–

– Represents zero. [1] Beginning 2000, includes unidentified customers.

Source: Aerospace Industries Association of America, Washington, DC, Research Center, Statistical Series 23, Internet site at <http://www.aia-aerospace.org/stats/aero_stats/aero_stats.cfm>.

Table 1006. **U.S. Aircraft Shipments, 1990 to 2005, and Projections, 2006**

[**Value in millions of dollars (64,567 represents $64,567,000,000)**]

Year	Total		Civil						Military	
			Large transports		General aviation [1]		Helicopters			
	Units	Value	Units	Value	Units	Value	Units	Value	Units	Value
1990	3,321	64,567	521	22,215	1,144	2,007	603	254	1,053	40,091
1992	2,585	64,740	567	28,750	941	1,840	324	142	753	34,008
1993	2,585	59,103	408	24,133	964	2,144	258	113	955	32,713
1994	2,309	52,718	309	18,124	928	2,357	308	185	764	32,052
1995	2,436	49,381	256	15,263	1,077	2,842	292	194	811	31,082
1996	2,220	55,583	269	18,915	1,115	3,048	278	193	558	33,427
1997	2,757	65,129	374	26,929	1,549	4,593	346	231	488	33,376
1998	3,533	75,724	559	35,663	2,193	5,534	363	252	418	34,275
1999	3,799	80,974	620	38,171	2,475	6,803	345	200	359	35,800
2000	4,113	72,669	485	30,327	2,802	8,040	493	270	333	34,032
2001	3,902	77,608	526	34,155	2,616	7,991	415	247	345	35,215
2002	3,251	73,112	379	27,547	2,196	7,261	318	157	358	38,147
2003	3,221	68,006	281	21,033	2,080	6,205	517	366	343	40,402
2004	3,804	74,526	283	20,484	2,296	6,918	805	515	420	46,609
2005	4,649	81,515	290	22,116	2,853	8,632	947	815	559	49,952
2006, proj.	4,999	91,930	398	28,030	3,146	10,361	880	758	575	52,781

[1] Excludes off-the-shelf military aircraft.

Source: U.S. Department of Commerce, International Trade Administration, Internet site at <http://www.ita.doc.gov/td/aerospace/aerospace_statistics.htm>.

Table 1007. **Aerospace Industry Sales by Product Group and Customer: 1990 to 2007**

[**In billions of dollars (134.4 represents $134,400,000,000).** Due to reporting practices and tabulating methods, figures may differ from those in Table 1004]

Group	1990	1995	2000	2002	2003	2004	2005	2006 [1]	2007 [2]
CURRENT DOLLARS									
Total sales	**134.4**	**107.8**	**144.7**	**152.3**	**146.6**	**155.7**	**170.1**	**184.4**	**195.4**
Product group:									
Aircraft, total	71.4	55.0	81.6	79.5	72.8	79.1	89.1	100.3	108.1
Civil [4]	31.3	24.0	47.6	41.3	32.4	32.5	39.2	47.5	54.6
Military	40.1	31.1	34.0	38.1	40.4	46.6	50.0	52.8	53.5
Missiles	14.2	7.4	9.3	12.8	13.5	14.7	15.3	14.9	15.8
Space	26.4	27.4	29.7	34.6	35.9	35.9	37.3	38.6	39.4
Related products and services [5]	22.4	18.0	24.1	25.4	24.4	26.0	28.3	30.7	32.2
Customer group:									
Aerospace, total	112.0	89.8	120.6	127.0	122.2	129.8	141.7	153.7	163.2
DOD [6]	60.5	42.4	47.5	57.7	64.0	70.1	74.3	77.0	78.8
NASA [7] and other agencies	11.1	11.4	13.4	16.4	15.5	16.0	17.4	17.9	18.3
Other customers [8]	40.4	36.0	59.7	52.9	42.7	43.8	50.1	58.8	66.2
Related products and services [5]	22.4	18.0	24.1	25.4	24.4	26.0	28.3	30.7	32.2
CONSTANT (**1987**)DOLLARS [3]									
Total sales	**123.5**	**86.1**	**108.2**	**109.4**	**102.3**	**105.1**	**110.4**	**115.1**	**117.7**
Product group:									
Aircraft, total	65.6	44.0	61.0	57.1	50.8	53.4	57.8	62.5	65.1
Civil [4]	28.7	19.1	35.6	29.7	22.6	22.0	25.4	29.6	32.9
Military	36.8	24.8	25.4	27.4	28.2	31.5	32.4	32.9	32.2
Missiles	13.0	5.9	6.9	9.2	9.4	9.9	9.9	9.3	9.5
Space	24.3	21.9	22.2	24.9	25.0	24.3	24.2	24.1	23.7
Related products and services [5]	20.6	14.3	18.0	18.2	17.1	17.5	18.4	19.2	19.4
Customer group:									
Aerospace, total	102.9	71.7	90.1	91.2	85.3	87.6	92.0	95.9	98.3
DOD [6]	55.6	33.9	35.5	41.5	44.7	47.3	48.2	48.0	47.4
NASA [7] and other agencies	10.2	9.1	10.0	11.8	10.8	10.8	11.3	11.2	11.0
Other customers [8]	37.1	28.8	44.6	38.0	29.8	29.5	32.5	36.7	39.8
Related products and services [5]	20.6	14.3	18.0	18.2	17.1	17.5	18.4	19.2	19.4

[1] Preliminary. [2] Estimate. [3] Based on AIA's aerospace composite price deflator. [4] All civil sales of aircraft (domestic and export sales of jet transports, commuters, business, and personal aircraft and helicopters). [5] Electronics, software, and ground support equipment, plus sales of nonaerospace products which are produced by aerospace-manufacturing use technology, processes, and materials derived from aerospace products. [6] Department of Defense. [7] National Aeronautics and Space Administration. [8] Includes civil aircraft sales (see footnote 4), commercial space sales, all exports of military aircraft and missiles, and related propulsion and parts.

Source: Aerospace Industries Association of America, Inc., Washington, DC, *2006 Year-end Review and Forecast*; and Internet site <http://www.aia-aerospace.org>.

Table 1008. **Major Household Appliances—Value of Shipments: 2000 to 2005**

[**In millions of dollars (2,170 represents $2,170,000,000)**]

Product description	Product code	2000	2001	2002	2003	2004	2005
Electric household ranges, ovens and surface cooking units, equipment, and parts	3352211	2,170	2,004	1,824	2,176	2,285	2,555
Gas household ranges, ovens, and surface cooking units, equipment, and parts	3352213	779	902	929	1,018	1,120	1,390
Other household ranges, cooking equipment, and outdoor cooking equipment [1]	3352215	1,251	1,027	1,051	967	914	964
Household refrigerators, including combination refrigerator-freezers	3352221	5,396	5,227	5,080	4,993	5,002	5,405
Household laundry machines and parts	3352240	4,047	4,162	4,447	4,770	5,130	5,236
Water heaters, electric	3352281	573	556	576	570	545	638
Water heaters, except electric	3352283	844	799	842	986	884	974
Household appliances, n.e.c. [2]	3352285	2,066	2,033	2,009	2,056	2,297	2,481

[1] Includes parts and accessories. [2] N.e.c. means not elsewhere classified.

Source: U.S. Census Bureau, *Current Industrial Reports, Major Household Appliances MA335F*. See also <http://www.census.gov/cir/www/index.html>.