
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 Economic Analysis; Bureau of Labor Statistics; the Department of Commerce, International Trade Administration; and by private research or trade associations.

The Quarterly Financial Report publishes up-to-date aggregate statistics on the financial results and position of U.S. corporations. Based upon a sample survey, the QFR presents estimated statements of income and retained earnings, balance sheets, and related financial and operating ratios for manufacturing corporations with assets of \$250,000 or over, and mining, wholesale trade and retail trade corporations with assets of \$50 million and over or above industry specific receipt cut-off values. These statistical data are classified by industry and by asset size.

Several private trade associations provide industry coverage for certain sections of the economy. They include the Aluminum Association (Table 995), American Iron and Steel Institute (Table 993), Consumer Electronics Association (Table 999), and the Aerospace Industries Association (Tables 1004 and 1006).

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/census07/>>. 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 972. Gross Domestic Product in Current and Real (2000) Dollars by Industry: 2000 to 2008

[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	1997 NAICS code ¹	2000	2004	2005	2006	2007	2008
		CURRENT DOLLARS					
Gross domestic product, total²	(X)	9,817.0	11,685.9	12,421.9	13,178.4	13,807.5	14,264.6
Private industries	(X)	8,614.3	10,194.3	10,853.1	11,529.3	12,064.6	12,424.6
Manufacturing	31–33	1,426.2	1,427.9	1,480.6	1,577.4	1,616.8	1,637.7
Durable goods	(X)	865.3	807.5	845.1	899.4	922.0	914.7
Wood products	321	31.4	37.5	38.4	33.8	31.4	(NA)
Nonmetallic mineral products	327	45.7	49.3	53.0	58.0	54.4	(NA)
Primary metals	331	48.2	54.5	56.4	63.4	62.4	(NA)
Fabricated metal products	332	121.7	115.2	123.7	131.6	140.4	(NA)
Machinery	333	109.3	103.4	111.6	119.5	125.7	(NA)
Computer and electronic products	334	185.6	125.5	133.7	144.4	146.3	(NA)
Electrical equipment, appliances, and components	335	50.6	45.7	46.3	55.3	58.4	(NA)
Motor vehicles, bodies and trailers, and parts	3361–63	118.1	106.9	98.2	98.3	98.5	(NA)
Other transportation equipment	3364, 66 69	64.4	70.9	80.6	87.7	96.1	(NA)
Furniture and related products	337	32.7	31.2	34.7	36.6	35.4	(NA)
Miscellaneous manufacturing	339	57.5	67.4	68.3	70.8	73.0	(NA)
Nondurable goods	(X)	561.0	620.4	635.5	678.0	694.9	723.0
Food and beverage and tobacco products	311, 312	154.8	161.0	159.2	160.2	174.7	(NA)
Textile mills and textile product mills	313, 314	26.5	23.1	23.2	21.7	19.8	(NA)
Apparel and leather and allied products	315, 316	25.1	17.3	17.1	16.7	16.1	(NA)
Paper products	322	55.6	50.7	50.2	56.9	50.7	(NA)
Printing and related support activities	323	49.0	45.6	46.3	47.5	47.9	(NA)
Petroleum and coal products	324	26.2	56.6	70.9	73.6	70.4	(NA)
Chemical products	325	157.1	198.7	201.5	236.0	249.2	(NA)
Plastics and rubber products	326	66.7	67.3	67.1	65.4	66.2	(NA)
CHAINED (2000) DOLLARS							
Gross domestic product, total²	(X)	9,817.0	10,675.8	10,989.5	11,294.8	11,523.9	11,652.0
Private industries	(X)	8,614.3	9,406.6	9,740.0	10,043.5	10,250.1	10,309.4
Manufacturing	31–33	1,426.2	1,478.3	1,491.0	1,573.3	1,618.6	1,574.3
Durable goods	(X)	865.3	898.8	948.5	1,025.7	1,074.6	1,061.0
Wood products	321	31.4	30.7	32.0	29.9	31.7	(NA)
Nonmetallic mineral products	327	45.7	48.2	48.3	47.3	44.3	(NA)
Primary metals	331	48.2	48.8	44.1	42.2	41.1	(NA)
Fabricated metal products	332	121.7	110.4	113.1	120.0	123.4	(NA)
Machinery	333	109.3	103.7	109.6	116.9	121.0	(NA)
Computer and electronic products	334	185.6	248.9	304.4	380.3	456.0	(NA)
Electrical equipment, appliances, and components	335	50.6	46.6	46.1	51.8	51.7	(NA)
Motor vehicles, bodies and trailers, and parts	3361–63	118.1	125.4	128.6	148.2	155.2	(NA)
Other transportation equipment	3364, 66 69	64.4	61.3	67.7	71.6	77.7	(NA)
Furniture and related products	337	32.7	30.4	32.8	33.8	31.8	(NA)
Miscellaneous manufacturing	339	57.5	64.6	66.2	69.1	70.8	(NA)
Nondurable goods	(X)	561.0	580.4	551.4	563.1	565.5	539.4
Food and beverage and tobacco products	311, 312	154.8	149.4	145.9	152.6	166.2	(NA)
Textile mills and textile product mills	313, 314	26.5	23.2	23.5	21.3	19.8	(NA)
Apparel and leather and allied products	315, 316	25.1	17.8	17.8	17.4	16.7	(NA)
Paper products	322	55.6	54.0	53.1	57.6	51.1	(NA)
Printing and related support activities	323	49.0	44.5	45.5	46.2	47.0	(NA)
Petroleum and coal products	324	26.2	39.7	30.1	26.3	21.7	(NA)
Chemical products	325	157.1	182.6	172.3	191.3	197.6	(NA)
Plastics and rubber products	326	66.7	68.3	66.9	58.5	60.7	(NA)

¹ North American Industry Classification System, 1997; see text Section 15.
² Includes industries, not shown separately. For additional industries, see Table 654.

Table 973. Manufacturing—Establishments, Employees, and Annual Payroll by Industry: 2005 and 2006

[116,317 represents 116,317,000]. Excludes self-employed, individual employees on private households, railroad employees, agricultural production employees, and most government employees]

Kind of business	2002 NAICS code ¹	Establishments (number)		Employees (1,000) ²		Payroll (mil. dol.)	
		2005	2006	2005	2006	2005	2006
All industries, total	(X)	7,499,702	7,601,160	116,317	119,917	4,482,722	4,792,430
Manufacturing, total	31–33	333,460	331,062	13,667	13,632	600,696	620,224
Percent of all industries	(X)	4.4	4.4	11.8	11.4	13.4	12.9
Food manufacturing	311	25,785	25,382	1,470	1,459	48,474	50,219
Beverage & tobacco products	312	3,516	3,684	154	155	7,263	7,552
Textile mills	313	3,411	3,243	209	188	6,518	6,028
Textile product mills	314	6,891	6,726	164	156	4,649	4,632
Apparel manufacturing	315	11,165	10,967	243	216	5,607	5,344
Leather & allied products	316	1,414	1,398	41	39	1,254	1,174
Wood products	321	16,707	16,735	556	577	18,232	18,584
Paper	322	5,273	5,139	454	441	21,560	21,656
Printing & related support activities	323	34,385	33,433	658	641	25,060	25,335
Petroleum & coal products	324	2,362	2,448	102	103	8,201	8,151
Chemical	325	13,220	13,247	810	805	49,210	51,084
Plastics & rubber products	326	14,707	14,592	902	901	33,391	34,075
Nonmetallic mineral products	327	16,908	17,350	469	482	19,691	20,598
Primary metal	331	5,362	5,285	451	450	22,108	22,784
Fabricated metal products	332	59,053	59,064	1,520	1,564	60,693	64,905
Machinery	333	26,723	26,317	1,107	1,127	52,653	55,289
Computer & electronic products	334	14,741	14,548	1,059	1,057	65,601	69,826
Electrical equip, appliance & component	335	6,201	6,109	427	420	17,885	18,416
Transportation equipment	336	12,694	12,707	1,636	1,623	86,006	86,459
Furniture & related products	337	21,563	21,449	548	543	17,560	17,897
Miscellaneous	339	31,379	31,239	688	686	29,078	30,213

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.

Table 974. Manufacturing—Establishments, Employees, and Annual Payroll by State: 2006

[(13,632 represents 13,632,000). Data are for North American Industry Classification System (NAICS), 2002 codes 31–33. See headnote, Table 973]

State	Establishments (number)	Employees (1,000) ¹	Payroll (mil. dol.)	State	Establishments (number)	Employees (1,000) ¹	Payroll (mil. dol.)
United States	331,062	13,632	620,224	Missouri	6,885	305	12,984
Alabama	4,901	291	11,028	Montana	1,274	20	763
Alaska	515	10	423	Nebraska	1,996	105	3,789
Arizona	4,971	179	8,512	Nevada	1,933	47	2,075
Arkansas	3,109	201	6,657	New Hampshire	2,139	76	3,746
California	44,474	1,450	75,714	New Jersey	9,346	297	15,591
Colorado	5,223	135	6,477	New Mexico	1,518	35	1,446
Connecticut	4,937	182	9,941	New York	18,812	551	24,832
Delaware	651	33	1,703	North Carolina	10,130	536	20,683
District of Columbia	130	2	77	North Dakota	744	26	916
Florida	14,181	372	15,488	Ohio	16,401	788	36,125
Georgia	8,623	431	16,605	Oklahoma	3,915	142	5,871
Hawaii	953	15	507	Oregon	5,632	189	8,368
Idaho	1,870	64	2,751	Pennsylvania	15,430	664	29,913
Illinois	15,822	667	31,246	Rhode Island	1,861	54	2,363
Indiana	8,957	557	24,933	South Carolina	4,323	264	10,950
Iowa	3,795	227	9,582	South Dakota	1,005	42	1,454
Kansas	3,165	176	7,622	Tennessee	6,659	393	16,004
Kentucky	4,131	257	10,842	Texas	20,691	846	40,922
Louisiana	3,323	141	7,085	Utah	3,241	118	4,960
Maine	1,800	59	2,447	Vermont	1,094	37	1,664
Maryland	3,633	131	6,614	Virginia	5,780	289	12,378
Massachusetts	7,680	275	15,696	Washington	7,505	258	13,203
Michigan	13,740	615	30,905	West Virginia	1,437	64	2,668
Minnesota	7,935	337	15,788	Wisconsin	9,670	493	21,546
Mississippi	2,585	173	5,876	Wyoming	537	10	489

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" (published June 2008); <<http://www.census.gov/econ/cbp/index.html>>.

Industry based on shipments	2002 NAICS code ¹	All employees ²			Production workers ² (1,000)	Value added by manufac- ³ tures (mil.dol.)	Value of ship- ⁴ ments (mil. dol.)
		Payroll		Per employee (dol.)			
		Number (1,000)	Total (mil. dol.)				
Manufacturing, total	31-33	12,984.7	592,119	45,601	9,175.3	2,285,929	5,015,553
Food ⁵	311	1,416.9	48,842	34,470	1,089.6	233,407	536,939
Grain and oilseed milling	3112	52.6	2,647	50,340	39.6	19,974	56,978
Sugar and confectionery products	3113	65.2	2,724	41,742	50.9	15,748	28,225
Fruit and vegetable preserving and specialty foods	3114	160.6	5,757	35,857	133.1	27,732	56,161
Dairy products	3115	121.7	5,277	43,371	85.8	24,143	75,252
Animal slaughtering and processing	3116	488.5	13,563	27,765	421.9	52,793	149,577
Bakeries and tortillas	3118	273.6	9,153	33,455	173.5	34,417	54,245
Beverage and tobacco products	312	143.9	7,183	49,912	83.7	79,168	124,033
Beverage	3121	124.3	5,927	47,694	69.2	42,906	82,443
Tobacco	3122	19.6	1,256	63,940	14.5	36,262	41,589
Textile mills	313	174.0	5,778	33,208	145.1	17,140	38,829
Textile product mills	314	145.5	4,407	30,290	114.2	15,121	33,264
Apparel	315	199.9	5,013	25,074	155.1	15,968	30,325
Cut and sew apparel	3152	155.3	3,870	24,923	119.2	12,695	23,610
Leather and allied products	316	36.1	1,078	29,844	27.8	3,011	5,941
Wood products ⁵	321	536.2	18,144	33,838	432.4	44,267	112,403
Sawmills and wood preservation	3211	104.0	3,863	37,141	87.4	9,787	32,153
Veneer, plywood, and engineered wood products	3212	114.7	4,171	36,364	92.2	10,447	25,749
Paper	322	413.4	20,587	49,802	321.3	79,952	169,033
Pulp, paper, and paperboard mills	3221	127.9	8,019	62,683	101.5	41,531	78,926
Converted paper products	3222	285.4	12,567	44,029	219.7	38,421	90,107
Printing and related support activities	323	620.0	25,110	40,502	443.6	60,357	99,800
Petroleum and coal products	324	101.0	8,078	79,974	65.8	125,792	546,811
Chemical ⁵	325	748.5	45,861	61,274	431.9	340,038	657,082
Basic chemical	3251	153.3	10,420	67,966	91.8	82,690	195,007
Resin, syn rubber, and artificial and syn. fibers and filaments	3252	78.5	4,945	62,992	55.1	31,494	94,313
Pharmaceutical and medicine	3254	233.5	16,108	68,997	114.0	134,143	180,934
Plastics and rubber products	326	867.6	33,323	38,407	676.9	99,451	211,299
Plastics products	3261	715.2	26,727	37,368	557.1	82,762	174,143
Nonmetallic mineral products	327	473.8	20,210	42,658	368.3	72,132	126,263
Cement and concrete products	3273	231.2	9,892	42,794	178.6	35,334	64,463
Primary metal ⁵	331	422.2	21,906	51,892	336.6	84,343	234,384
Iron and steel mills and ferroalloy	3311	101.6	7,011	69,002	81.9	34,367	93,328
Foundries	3315	162.9	7,078	43,437	133.2	17,632	33,457
Fabricated metal products ⁵	332	1,491.8	63,170	42,344	1,110.9	169,322	317,214
Architectural and structural metals	3323	371.0	15,114	40,743	267.1	40,145	83,539
Machine shops, turned product and screw, nut, and bolt	3327	378.0	16,143	42,701	286.8	34,739	56,195
Coating, engraving, heat treating, and allied activities	3328	127.7	4,979	39,001	98.9	13,914	24,280
Machinery ⁵	333	1,070.4	52,597	49,137	693.4	154,460	326,583
Agriculture, construction, and mining machinery	3331	181.1	8,348	46,101	124.7	32,431	77,458
Metalworking machinery	3335	163.7	8,300	50,709	115.1	16,553	28,096
Computer and electronic products ⁵	334	1,002.1	61,832	61,703	468.9	230,762	390,813
Computer and peripheral equipment	3341	96.2	5,809	60,383	35.2	35,049	67,403
Communications equipment	3342	127.2	8,336	65,534	51.4	36,906	70,195
Semiconductor and other electronic components	3344	346.7	18,739	54,055	201.5	76,460	117,688
Navigational, measuring, medical, control instruments	3345	385.1	26,805	69,607	150.2	75,808	118,994
Electrical equipment, appliance, and component	335	410.4	17,763	43,284	292.9	57,520	119,402
Electrical equipment	3353	142.7	6,340	44,421	96.0	18,477	36,926
Transportation equipment ⁵	336	1,525.0	83,837	54,974	1,093.4	260,883	699,034
Motor vehicles	3361	205.8	14,019	68,106	179.1	66,046	261,860
Motor vehicle bodies and trailers	3362	150.2	5,573	37,111	120.3	13,475	36,016
Motor vehicle parts	3363	577.7	28,699	49,676	450.7	85,486	202,299
Aerospace products and parts	3364	381.1	26,392	69,249	191.8	79,906	143,003
Ship and boat building	3366	139.6	5,896	42,249	101.5	14,064	26,511
Furniture and related products ⁵	337	519.0	17,699	34,102	404.1	46,390	85,618
Household and institutional furniture and kitchen cabinets	3371	342.9	10,813	31,533	272.8	26,218	48,931
Miscellaneous manufacturing	339	667.0	29,702	44,533	420.2	96,447	150,481
Medical equipment and supplies	3391	305.0	15,413	50,533	180.6	55,891	78,486

¹ North American Industry Classification System, 2002; see text, Section 15. ² Includes employment and payroll at administrative offices and auxiliary units. All employees represents 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.

Table 976. Manufactures—Summary by State: 2006

[12,984.7 represents 12,984,700. Data are for North American Industry Classification System (NAICS) 2002 codes 31–33. See Appendix III]

State	All employees ¹			Production workers ¹		Value added by manufactures ²		Value of shipments ³ (mil. dol.)
	Number (1,000)	Payroll		Total (1,000)	Wages (mil. dol.)	Total (mil. dol.)	Per production worker (dol.)	
		Total (mil. dol.)	Per employee (dol.)					
United States	12,984.7	592,119	45,601	9,175.3	344,193	2,285,929	249,139	5,015,553
Alabama	265.0	10,557	39,841	206.1	7,186	40,508	196,539	102,049
Alaska	11.0	401	36,598	9.2	284	1,592	173,902	7,015
Arizona	161.9	8,188	50,577	101.4	3,826	27,434	270,500	50,289
Arkansas	188.5	6,575	34,880	153.1	4,702	27,227	177,880	60,186
California	1,385.4	67,753	48,907	884.9	31,734	237,840	268,768	466,237
Colorado	128.0	6,145	47,996	86.5	3,296	20,828	240,677	40,430
Connecticut	175.6	9,416	53,619	107.1	4,549	32,714	305,584	52,513
Delaware	33.5	1,667	49,803	24.2	993	8,862	366,192	24,424
District of Columbia	1.7	71	41,663	1.0	40	171	169,516	271
Florida	342.1	14,717	43,025	225.4	7,490	50,784	225,281	97,856
Georgia	408.4	16,148	39,536	314.5	10,592	61,846	196,668	140,972
Hawaii	13.9	504	36,156	9.0	299	2,049	228,537	7,301
Idaho	55.4	2,399	43,283	37.4	1,351	7,242	193,720	14,904
Illinois	638.8	29,840	46,715	445.2	17,138	107,367	241,162	242,291
Indiana	527.3	24,425	46,321	401.3	16,428	90,203	224,781	207,514
Iowa	224.6	9,289	41,360	165.2	5,989	40,931	247,798	91,386
Kansas	173.3	7,550	43,565	125.1	4,667	26,021	207,944	68,999
Kentucky	243.1	10,623	43,690	185.7	7,230	42,967	231,319	112,682
Louisiana	138.7	6,973	50,270	101.7	4,528	64,355	632,814	182,868
Maine	54.4	2,318	42,648	40.4	1,515	7,747	191,684	15,201
Maryland	132.1	6,698	50,688	82.4	3,224	22,808	276,952	42,120
Massachusetts	282.6	15,017	53,144	172.0	6,782	48,427	281,498	83,777
Michigan	577.2	29,831	51,682	424.6	19,640	88,161	207,642	214,431
Minnesota	325.9	15,170	46,547	220.4	8,127	48,943	222,051	100,772
Mississippi	160.0	5,612	35,062	128.4	3,884	20,698	161,151	56,316
Missouri	285.0	12,559	44,070	214.6	8,284	45,148	210,336	103,950
Montana	17.0	729	42,877	12.5	473	3,474	277,485	9,555
Nebraska	100.6	3,759	37,348	77.5	2,561	15,442	199,160	40,075
Nevada	44.3	2,051	46,322	29.9	1,076	7,461	249,431	12,841
New Hampshire	74.5	3,838	51,499	46.5	1,724	9,185	197,355	16,967
New Jersey	290.2	15,280	52,657	190.1	7,501	51,717	272,023	107,325
New Mexico	32.3	1,418	43,899	23.0	844	9,556	415,974	16,963
New York	525.9	24,111	45,847	345.9	12,884	92,046	266,100	161,220
North Carolina	501.8	19,228	38,314	382.4	12,419	106,996	279,819	200,992
North Dakota	23.0	900	39,047	17.6	604	3,874	220,641	9,789
Ohio	755.7	35,137	46,496	552.7	22,698	124,941	226,072	283,928
Oklahoma	134.6	5,678	42,181	100.2	3,579	23,846	237,894	55,972
Oregon	172.3	7,771	45,092	124.7	4,642	39,461	316,417	65,511
Pennsylvania	643.2	29,013	45,111	455.7	17,073	108,927	239,018	227,879
Rhode Island	53.2	2,414	45,340	33.1	1,151	7,829	236,340	14,181
South Carolina	248.4	10,538	42,416	188.2	6,782	38,049	202,183	90,509
South Dakota	38.2	1,390	36,370	28.8	910	5,386	186,916	11,209
Tennessee	373.9	15,315	40,963	277.6	9,804	62,013	223,380	141,268
Texas	808.1	38,196	47,265	560.6	21,202	194,846	347,557	528,831
Utah	111.9	4,819	43,059	76.1	2,692	17,668	232,281	38,248
Vermont	34.4	1,607	46,692	22.0	852	5,079	230,655	10,704
Virginia	272.2	11,655	42,814	202.0	7,401	50,649	250,794	93,909
Washington	254.3	12,968	50,999	165.3	6,653	48,862	259,559	105,628
West Virginia	59.5	2,594	43,624	45.3	1,738	10,468	231,181	23,915
Wisconsin	471.3	20,775	44,084	342.9	12,813	71,865	209,585	153,782
Wyoming	10.3	488	47,467	7.8	335	3,418	437,637	7,598

¹ Includes employment and payroll at administrative offices and auxiliary units. All employees represents 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.

Table 977. Manufacturers' E-Commerce Shipments by Industry: 2006 and 2007

[(5,015,553 represents \$5,015,553,000,000). Based on the 2007 Economic Census—Manufacturing and the 2006 Annual Survey of Manufacturers; subject to sampling variability. For businesses with paid employees. E-commerce is the value of goods and services sold online whether over open networks computer-mediated networks such as the Internet, or proprietary networks running systems such as Electronic Data Interchange (EDI)]

Industry	2002 NAICS code †	2006				2007 ²			
		Shipments, total (mil. dol.)	E-commerce			Shipments, total (mil.dol.)	E-commerce		
			Shipments, total (mil.dol.)	Percent of total shipments	Percent distribu- tion		Shipments, total (mil. dol.)	Percent of total shipments	Percent distribu- tion
Manufacturing, total . . .	31–33	5,015,553	1,566,799	31.2	100.0	5,305,935	1,855,719	35.0	100.0
Food products	311	536,939	153,996	28.7	9.8	586,907	202,684	34.5	9.8
Beverage and tobacco	312	124,033	68,046	54.9	4.3	127,625	72,049	56.5	4.3
Textile mills	313	38,829	12,377	31.9	0.8	35,857	14,188	39.6	0.8
Textile product mills	314	33,264	11,588	34.8	0.7	28,677	13,499	47.1	0.7
Apparel	315	30,325	9,182	30.3	0.6	24,318	7,280	29.9	0.6
Leather and allied products	316	5,941	926	15.6	0.1	5,652	1,347	23.8	0.1
Wood products	321	112,403	14,960	13.3	1.0	101,958	19,422	19.0	1.0
Paper	322	169,033	40,842	24.2	2.6	176,103	61,128	34.7	2.6
Printing and related support activities	323	99,800	19,181	19.2	1.2	103,488	25,645	24.8	1.2
Petroleum and coal products	324	546,811	160,177	29.3	10.2	606,144	189,934	31.3	10.2
Chemicals	325	657,082	203,168	30.9	13.0	725,057	247,150	34.1	13.0
Plastics and rubber products	326	211,299	48,686	23.0	3.1	211,416	61,405	29.0	3.1
Nonmetallic mineral products	327	126,263	20,726	16.4	1.3	127,271	22,669	17.8	1.3
Primary metals	331	234,384	59,376	25.3	3.8	259,607	79,431	30.6	3.8
Fabricated metal products	332	317,214	64,109	20.2	4.1	343,541	82,062	23.9	4.1
Machinery	333	326,583	93,763	28.7	6.0	347,892	109,197	31.4	6.0
Computer and electronic products	334	390,813	120,947	30.9	7.7	398,157	141,551	35.6	7.7
Electrical equipment, appli- ances, and components	335	119,402	34,211	28.7	2.2	129,200	40,606	31.4	2.2
Transportation equipment	336	699,034	383,560	54.9	24.5	735,829	409,424	55.6	24.5
Furniture and related products	337	85,618	18,187	21.2	1.2	84,978	22,489	26.5	1.2
Miscellaneous	339	150,481	28,790	19.1	1.8	146,257	32,558	22.3	1.8

¹ North American Industry Classification System, 2002; see text, Section 15. ² Establishments representing approximately 5 percent of 2007 value of shipments did not have opportunity to report e-commerce receipts.

Source: U.S. Census Bureau, "E-Stats" (published 28 May 2008). See <<http://www.census.gov/eos/www/ebusiness614.htm>>.

Table 978. Manufacturing Employer Costs for Employee Compensation Per Hour Worked: 2000 to 2009

[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 638, Section 12]

Compensation component	Cost (dol.)					Percent distribution				
	2000	2005	2007	2008	2009	2000	2005	2007	2008	2009
Total compensation	23.41	28.48	30.37	31.42	32.03	100.0	100.0	100.0	100.0	100.0
Wages and salaries	16.01	18.26	20.00	20.66	21.20	68.4	64.1	65.8	65.7	66.2
Total benefits	7.40	10.21	10.38	10.76	10.83	31.6	35.9	34.2	34.3	33.8
Paid leave	1.74	2.07	2.37	2.38	2.45	7.4	7.3	7.8	7.6	7.7
Vacation	0.86	1.04	1.23	1.25	1.28	3.7	3.7	4.0	4.0	4.0
Holiday	0.65	0.76	0.85	0.86	0.89	2.8	2.7	2.8	2.7	2.8
Sick	0.13	0.16	0.21	0.21	0.23	0.6	0.6	0.7	0.7	0.7
Other	0.10	0.10	0.09	0.05	0.06	0.4	0.3	0.3	0.2	0.2
Supplemental pay	1.04	1.25	1.23	1.35	1.20	4.4	4.4	4.1	4.3	3.8
Overtime and premium pay	0.58	0.61	0.52	0.54	0.53	2.5	2.1	1.7	1.7	1.7
Shift differentials	0.10	0.12	0.14	0.14	0.13	0.4	0.4	0.5	0.4	0.4
Nonproduction bonuses	0.36	0.53	0.57	0.68	0.54	1.5	1.8	1.9	2.10	1.7
Insurance	1.85	2.68	2.97	3.13	3.26	7.9	9.4	9.8	10.0	10.2
Health insurance	1.69	2.48	2.76	2.91	3.03	7.2	8.7	9.1	9.3	9.5
Retirement and savings	0.75	1.64	1.24	1.32	1.30	3.2	5.8	4.1	4.2	4.1
Defined benefit	0.34	1.13	0.67	0.68	0.67	1.5	4.0	2.2	2.1	2.1
Defined contributions	0.41	0.51	0.57	0.65	0.63	1.8	1.8	1.9	2.1	2.0
Legally required benefits	1.92	2.45	2.56	2.58	2.62	8.2	8.6	8.4	8.2	8.2
Social Security	1.38	1.60	1.74	1.79	1.84	5.9	5.6	5.7	5.7	5.7
Federal unemployment	0.03	0.03	0.03	0.03	0.03	0.1	0.1	0.1	0.1	0.1
State unemployment	0.11	0.19	0.19	0.18	0.18	0.5	0.7	0.6	0.6	0.6
Workers compensation	0.40	0.64	0.60	0.58	0.57	1.7	2.2	2.0	1.8	1.8
Other benefits	0.09	0.12	(NA)	(NA)	(NA)	0.4	0.4	(NA)	(NA)	(NA)

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

Source: U.S. Bureau of Labor Statistics, News, USDL 09-0634, *Employer Costs for Employee Compensation* (published June 2009). See also <<http://www.bls.gov/ncs/ect/home.htm>>.

Industry	2007 NAICS code ¹	All employees (1,000)						Percent change	
		1990	2000	2005	2006	2007	2008	1990– 2000	2000– 2008
All industries	(X)	109,487	131,785	133,703	136,086	137,598	137,066	20.4	4.0
Manufacturing	31–33	17,695	17,263	14,226	14,155	13,879	13,431	–2.4	–22.2
Percent of all industries	(X)	16	13	11	10	10	10	(X)	(X)
Durable goods	(X)	10,736	10,877	8,956	8,981	8,808	8,476	1.3	–22.1
Wood products	321	541	613	559	559	515	460	13.4	–25.0
Sawmills & wood preservation	3211	148	134	119	118	111	104	–9.6	–22.6
Plywood & engineered wood products	3212	96	122	123	120	108	91	28.2	–25.8
Nonmetallic mineral products	327	528	554	505	510	501	468	4.9	–15.5
Cement & concrete products	3273	195	234	240	248	242	223	20.1	–4.6
Lime, gypsum, & other nonmetallic mineral products	3274,9	98	97	96	99	102	96	–0.3	–1.4
Primary metals	331	689	622	466	464	456	443	–9.7	–28.7
Iron & steel mills & ferroalloy production	3311	187	135	96	97	100	99	–27.7	–26.7
Foundries	3315	214	217	164	161	155	149	1.4	–31.3
Fabricated metal products	332	1,610	1,753	1,522	1,553	1,563	1,528	8.9	–12.8
Forging & stamping	3321	128	138	111	113	110	108	7.9	–21.9
Architectural & structural metals	3323	357	428	398	412	417	409	20.0	–4.4
Machine shops & threaded products	3327	309	365	345	352	361	360	18.4	–1.5
Coating, engraving, & heat treating metals	3328	143	175	145	149	148	144	22.7	–17.8
Machinery	333	1,408	1,457	1,166	1,183	1,187	1,186	3.5	–18.6
Agricultural, construction, & mining machinery	3331	229	222	208	220	229	242	–2.8	8.9
Industrial machinery	3332	152	164	124	124	125	121	8.0	–26.3
Commercial & service industry machinery	3333	147	147	111	109	108	105	0.3	–28.4
HVAC & commercial refrigeration equipment	3334	165	194	154	157	154	150	17.9	–23.1
Metalworking machinery	3335	267	274	202	200	194	192	2.5	–29.9
Turbine & power transmission equipment	3336	114	111	98	100	102	104	–2.4	–7.1
Computer & electronic products	334	1,903	1,820	1,316	1,308	1,273	1,248	–4.3	–31.5
Computer & peripheral equipment	3341	367	302	205	196	186	183	–17.8	–39.5
Communications equipment	3342	232	239	141	136	128	129	3.1	–45.9
Semiconductors & electronic components	3344	574	676	452	458	448	432	17.8	–36.1
Electronic instruments	3345	626	488	441	445	443	442	–22.1	–9.5
Electrical equipment & appliances	335	633	591	434	433	429	425	–6.7	–28.1
Electrical equipment	3353	244	210	152	155	157	159	–13.9	–24.4
Transportation equipment	336	2,133	2,057	1,772	1,769	1,712	1,607	–3.6	–21.9
Motor vehicles	3361	271	291	248	237	220	191	7.4	–34.6
Motor vehicle bodies & trailers	3362	130	183	171	179	166	142	40.8	–22.3
Motor vehicle parts	3363	653	840	678	655	608	544	28.6	–35.2
Aerospace products & parts	3364	841	517	455	474	489	504	–38.5	–2.5
Ship & boat building	3366	173	154	154	157	160	157	–10.7	1.7
Furniture & related products	337	601	683	568	560	531	481	13.5	–29.5
Household & institutional furniture	3371	398	443	383	374	349	306	11.3	–30.9
Office furniture & fixtures	3372	156	181	133	136	135	131	16.0	–27.6
Miscellaneous manufacturing	339	690	728	647	644	642	631	5.4	–13.4
Medical equipment & supplies	3391	288	305	300	303	306	310	5.9	1.6
Other miscellaneous manufacturing	3399	403	423	347	341	336	321	5.1	–24.1
Nondurable goods	(X)	6,959	6,386	5,271	5,174	5,071	4,955	–8.2	–22.4
Food manufacturing	311	1,507	1,553	1,478	1,479	1,484	1,485	3.0	–4.4
Fruit & vegetable preserving & specialty	3114	218	197	174	176	173	174	–9.5	–12.0
Dairy products	3115	145	136	132	131	131	129	–5.9	–5.1
Animal slaughtering & processing	3116	427	507	504	506	508	512	18.6	1.0
Bakeries & tortilla manufacturing	3118	292	306	280	280	280	281	4.9	–8.3
Beverages & tobacco products	312	218	207	192	194	198	199	–4.9	–3.9
Beverages	3121	173	175	167	171	176	177	1.2	1.3
Textile mills	313	492	378	218	195	170	151	–23.1	–60.1
Textile product mills	314	209	230	176	167	158	148	9.7	–35.8
Apparel	315	929	484	251	232	215	198	–48.0	–59.0
Leather & allied products	316	133	69	40	37	34	34	–48.3	–51.2
Paper & paper products	322	647	605	484	471	458	446	–6.6	–26.3
Pulp, paper, & paperboard mills	3221	238	191	142	136	132	126	–19.7	–34.1
Converted paper products	3222	409	413	343	334	326	320	1.1	–22.6
Printing & related support activities	323	809	807	646	634	622	594	–0.2	–26.4
Petroleum & coal products	324	153	123	112	113	115	117	–19.4	–5.0
Chemicals	325	1,036	980	872	866	861	850	–5.3	–13.3
Basic chemicals	3251	249	188	150	147	149	152	–24.4	–19.3
Resin, rubber, & artificial fibers	3252	158	136	108	105	106	105	–14.2	–22.3
Pharmaceuticals & medicines	3254	207	274	288	292	295	290	32.4	5.6
Soaps, cleaning compounds, and toiletries	3256	132	129	114	111	110	108	–2.4	–15.8
Plastics & rubber products	326	826	951	802	786	757	734	15.1	–22.8
Plastics products	3261	619	737	634	630	609	589	19.1	–20.1
Rubber products	3262	207	214	168	156	148	145	3.3	–32.1

X Not applicable. ¹ Based on the North American Industry Classification System, 2007 (NAICS); see text, this section and Section 15. ² Includes railroad rolling stock manufacturing not shown separately.

Table 980. Average Hourly Earnings of Production Workers in Manufacturing Industries by State: 2005 to 2008

[In dollars. Data are based on the North American Industry Classification System (NAICS) 2007. Based on the Current Employment Statistics Program; see headnote Table 619 and Appendix III]

State	2005	2006	2007	2008	State	2005	2006	2007	2008
United States	16.56	16.81	17.26	17.74	Montana	15.62	15.90	15.88	16.66
Alabama	14.93	15.56	15.75	15.68	Nebraska	15.44	15.04	15.19	15.26
Alaska	14.22	14.31	16.37	17.31	Nevada	14.98	15.46	15.54	15.56
Arizona	14.55	14.88	15.61	16.45	New Hampshire	15.87	16.57	17.09	17.31
Arkansas	13.71	13.35	14.06	14.17	New Jersey	16.33	16.56	17.22	17.88
California	15.70	15.77	16.28	16.79	New Mexico	13.66	14.06	14.40	14.72
Colorado	15.91	16.59	17.77	19.78	New York	17.77	18.29	18.49	18.58
Connecticut	18.96	19.78	20.63	21.42	North Carolina	14.38	14.57	15.08	15.49
Delaware	17.74	18.11	17.83	17.24	North Dakota	15.29	14.98	14.70	15.14
District of Columbia ¹	(NA)	(NA)	(NA)	(NA)	Ohio	19.07	19.17	19.35	19.37
Florida	13.89	14.75	16.12	18.31	Oklahoma	14.56	14.77	14.56	14.74
Georgia	14.56	14.74	14.88	14.83	Oregon	15.49	15.57	16.45	16.91
Hawaii	14.34	15.89	17.06	18.93	Pennsylvania	15.26	15.38	15.48	15.77
Idaho	14.96	16.89	19.01	19.94	Rhode Island	13.12	13.42	13.78	13.94
Illinois	15.84	16.03	16.47	16.44	South Carolina	15.23	15.03	15.72	15.92
Indiana	18.14	18.57	18.70	18.47	South Dakota	13.47	13.75	14.27	14.64
Iowa	16.25	16.40	16.84	16.63	Tennessee	14.02	14.04	14.39	14.69
Kansas	17.14	17.69	18.07	18.73	Texas	14.03	14.00	14.07	14.37
Kentucky	16.65	16.92	16.92	17.38	Utah	14.73	15.25	16.71	17.87
Louisiana	17.30	17.94	19.34	19.99	Vermont	15.06	15.79	16.49	16.51
Maine	17.28	18.58	19.19	19.72	Virginia	16.40	16.75	17.60	18.33
Maryland	16.98	17.88	17.65	17.97	Washington	18.83	19.91	20.51	21.06
Massachusetts	17.66	18.26	19.26	20.33	West Virginia	17.14	17.89	18.71	19.02
Michigan	21.50	21.84	22.06	22.11	Wisconsin	16.29	16.54	17.37	17.94
Minnesota	16.63	17.24	17.39	17.74	Wyoming	17.08	17.44	18.02	20.36
Mississippi	13.53	13.78	13.79	14.43					
Missouri	17.42	17.16	16.99	17.70					

NA Not available. ¹ Represents the Washington-Arlington-Alexandria Metropolitan Area.

Source: U.S. Bureau of Labor Statistics, Current Employment Statistics, "State and Metro Area Employment, Hours, and Earnings (SAE)"; <<http://www.bls.gov/sae/data.htm>>.

Table 981. Manufacturing Full-Time Equivalent Employees and Wages by Industry: 2000 to 2007

[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	1997 NAICS code ¹	Full-time equivalent (FTE) employees (1,000)				Wage and salary accruals per FTE worker (dol.)			
		2000	2005	2006	2007	2000	2005	2006	2007
All domestic industries, total . . .	(X)	124,707	126,817	128,991	130,288	38,762	44,813	46,787	48,836
Manufacturing	31–33	16,947	14,041	13,977	13,692	44,216	50,140	52,315	54,482
Percent of all industries.	(X)	13.6	11.1	10.8	10.5	114.1	111.9	111.8	111.6
Durable goods.	(X)	10,713	8,870	8,880	8,703	47,007	52,383	54,953	57,083
Wood products.	321	606	566	566	523	30,360	35,094	35,381	36,120
Nonmetallic mineral products	327	545	495	505	498	38,879	44,899	46,101	47,121
Primary metals	331	611	461	457	447	45,745	52,666	55,528	57,736
Fabricated metal products	332	1,738	1,503	1,525	1,530	37,688	43,020	45,063	46,948
Machinery	333	1,420	1,147	1,164	1,173	46,882	52,965	55,203	57,176
Computer and electronic products	334	1,813	1,296	1,288	1,256	71,372	78,032	83,186	86,792
Electrical equipment, appliances, and components	335	568	429	429	423	42,732	48,159	50,439	52,555
Motor vehicles, bodies and trailers, and parts	3361–3363	1,283	1,094	1,058	983	49,727	54,042	56,405	58,061
Other transportation equipment	3364–3365	736	671	688	709	52,612	64,162	68,597	70,115
Furniture and related products	337	664	555	549	520	29,660	33,976	35,162	36,607
Miscellaneous manufacturing	339	728	652	651	641	38,504	45,998	48,144	50,952
Nondurable goods	(X)	6,235	5,172	5,097	4,989	39,420	46,293	47,719	49,945
Food and beverage and tobacco products	311–312	1,719	1,628	1,632	1,636	34,110	38,659	39,647	40,955
Textile mills and textile product mills	313–314	584	374	345	321	29,018	33,545	34,621	35,716
Apparel and leather and allied products	315	538	301	280	253	24,769	31,161	32,654	34,714
Paper products	322	596	469	458	447	45,578	52,983	54,255	55,758
Printing and related support activities	323	767	641	635	625	38,966	41,887	43,034	44,078
Petroleum and coal products	324	120	111	110	113	62,310	81,403	87,360	93,651
Chemical products	325	968	861	853	848	60,928	72,126	73,993	78,717
Plastics and rubber products	326	942	787	784	744	35,375	40,341	41,451	43,008

X Not applicable ¹ North American Industry Classification System, 1997; see text, this section.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 2008. See also <<http://www.bea.gov/bea/dn/nipaweb/SelectTable.asp?Selected=N>>

**Table 982. Manufacturers' Shipments, Inventories, and New Orders:
1995 to 2008**

[In billions of dollars (3,480 represents \$3,480,000,000,000), 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)
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	3,873	510
2002	3,915	412	1.30	3,802	458
2003	4,015	398	1.22	3,964	474
2004	4,309	429	1.23	4,255	493
2005	4,742	460	1.20	4,745	570
2006	5,020	497	1.22	5,038	658
2007	5,081	516	1.25	5,131	772
2008	5,183	528	1.25	5,152	799

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 2004 through December 2007*, Series M3-3 (07) (released May 2009); U.S. Census Bureau, "Full Report on Manufacturers' Shipments, Inventories and Orders: February 2008–January 2009." See also <<http://www.census.gov/indicator/www/m3/>>.

Table 983. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments by Industry Group: 2000 to 2008

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

Industry	2002 NAICS code ¹	2000	2003	2004	2005	2006	2007	2008
INVENTORIES-TO-SHIPMENTS RATIO								
All manufacturing industries	(X)	1.37	1.22	1.23	1.20	1.22	1.25	1.25
Durable goods	(X)	1.55	1.38	1.40	1.40	1.45	1.50	1.65
Wood products	321	1.32	1.25	1.26	1.24	1.27	1.31	1.28
Nonmetallic mineral products	327	1.23	1.17	1.16	1.09	1.11	1.19	1.31
Primary metals	331	1.69	1.61	1.60	1.53	1.60	1.52	1.51
Fabricated metals	332	1.56	1.46	1.57	1.53	1.57	1.55	1.61
Machinery	333	2.08	1.81	1.85	1.78	1.82	1.89	1.91
Computers and electronic products	334	1.54	1.40	1.28	1.45	1.39	1.40	1.51
Electrical equipment, appliances, and components	335	1.44	1.42	1.41	1.37	1.44	1.40	1.42
Transportation equipment	336	1.35	1.14	1.19	1.17	1.27	1.41	1.85
Furniture and related products	337	1.35	1.19	1.23	1.19	1.16	1.17	1.20
Miscellaneous products	339	1.90	1.68	1.70	1.70	1.76	1.80	1.85
Nondurable goods	(X)	1.14	1.03	1.03	0.98	0.98	1.00	0.89
Food products	311	0.88	0.77	0.75	0.75	0.78	0.77	0.72
Beverages and tobacco products	312	1.51	1.61	1.63	1.40	1.42	1.36	1.33
Textile mills	313	1.49	1.24	1.26	1.18	1.25	1.24	1.30
Textile product mills	314	1.75	1.29	1.20	1.17	1.26	1.32	1.44
Apparel	315	1.89	1.45	1.58	1.53	1.61	1.76	1.64
Leather and allied products	316	2.10	1.65	1.79	1.74	2.11	1.95	2.23
Paper products	322	1.11	1.08	1.11	1.07	1.06	1.09	1.04
Printing	323	0.79	0.76	0.80	0.79	0.81	0.84	0.86
Petroleum and coal products	324	0.71	0.83	0.79	0.75	0.70	0.76	0.45
Basic chemicals	325	1.40	1.21	1.22	1.17	1.18	1.19	1.15
Plastics and rubber products	326	1.21	1.08	1.16	1.15	1.17	1.24	1.20
UNFILLED ORDERS-TO-SHIPMENTS RATIO								
All manufacturing industries	(X)	1.57	1.43	1.38	1.45	1.58	1.83	1.85
Durable goods	(X)	2.78	2.67	2.63	2.83	3.09	3.62	3.85
Primary metals	331	1.45	1.58	1.49	1.59	1.42	1.38	0.89
Fabricated metals	332	2.02	1.81	1.93	2.07	2.16	2.25	2.12
Machinery	333	2.51	2.41	2.37	2.54	2.92	3.31	3.44
Computers and electronic products	334	3.08	3.30	3.31	3.19	3.54	3.79	3.95
Electrical equipment, appliances, and components	335	1.77	1.72	1.80	1.98	2.26	2.26	2.16
Transportation equipment	336	4.91	4.52	4.50	5.24	5.94	7.50	8.98
Furniture and related products	337	1.14	1.07	1.12	1.08	0.98	1.05	0.99
Miscellaneous products	339	0.62	0.54	0.54	0.41	0.45	0.50	0.46

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 2004 through December 2007*, Series M3-3 (07) (released May 2008); U.S. Census Bureau, "Full Report on Manufacturers' Shipments, Inventories and Orders: February 2008–January 2009." See also <<http://www.census.gov/indicator/www/m3/>>.

Table 984. Value of Manufacturers' Shipments, Inventories, and New Orders by Industry: 2000 to 2008

[In billions of dollars (4,209 represents \$4,209,000,000,000). Based on a sample survey; for methodology, see source]

Industry	2002 NAICS code ¹	2000	2004	2005	2006	2007	2008
SHIPMENTS							
All manufacturing industries	(X)	4,209	4,309	4,742	5,020	5,081	5,183
Durable goods	(X)	2,374	2,265	2,425	2,561	2,563	2,494
Wood products	321	94	104	112	112	102	97
Nonmetallic mineral products	327	97	103	115	126	119	109
Primary metals	331	157	182	203	233	242	255
Fabricated metals	332	268	261	289	317	327	331
Machinery	333	292	272	303	326	331	347
Computers and electronic products	334	511	366	373	391	387	380
Electrical equipment, appliances, and components	335	125	105	112	120	127	125
Transportation equipment	336	640	662	691	698	693	619
Furniture and related products	337	75	78	84	87	82	76
Miscellaneous products	339	115	132	143	150	153	155
Nondurable goods	(X)	1,835	2,044	2,317	2,459	2,518	2,690
Food products	311	435	512	532	538	574	611
Beverages and tobacco products	312	112	114	124	125	132	138
Textile mills	313	52	41	42	39	37	34
Textile product mills	314	34	34	35	33	30	27
Apparel	315	60	33	31	30	30	31
Leather and allied products	316	10	6	6	6	6	6
Paper products	322	165	155	162	170	169	172
Printing	323	104	94	97	100	102	98
Petroleum and coal products	324	235	330	476	549	564	674
Basic chemicals	325	449	541	611	658	664	689
Plastics and rubber products	326	178	185	200	211	211	211
INVENTORIES (Dec. 31)							
All manufacturing industries	(X)	470	429	460	497	516	528
Durable goods	(X)	298	258	276	301	312	334
Wood products	321	10	11	12	12	11	10
Nonmetallic mineral products	327	10	10	10	11	12	12
Primary metals	331	22	24	26	31	31	32
Fabricated metals	332	34	33	36	40	41	43
Machinery	333	49	41	43	48	50	53
Computers and electronic products	334	63	38	44	44	44	47
Electrical equipment, appliances, and components	335	15	12	12	14	14	14
Transportation equipment	336	69	63	65	71	78	92
Furniture and related products	337	8	8	8	8	8	7
Miscellaneous products	339	18	18	20	21	22	23
Nondurable goods	(X)	172	171	184	196	204	194
Food products	311	32	32	33	35	36	36
Beverages and tobacco products	312	14	15	14	15	15	15
Textile mills	313	6	4	4	4	4	4
Textile product mills	314	5	3	3	3	3	3
Apparel	315	9	4	4	4	4	4
Leather and allied products	316	2	1	1	1	1	1
Paper products	322	15	14	14	15	15	15
Printing	323	6	6	6	6	7	7
Petroleum and coal products	324	13	20	27	29	33	24
Basic chemicals	325	52	54	58	63	65	65
Plastics and rubber products	326	18	17	19	20	21	21
NEW ORDERS							
All manufacturing industries	(X)	4,161	4,255	4,745	5,038	5,131	5,152
Durable goods	(X)	2,327	2,211	2,428	2,578	2,613	2,463
Wood products	321	94	104	112	112	102	97
Nonmetallic mineral products	327	97	103	115	126	119	109
Primary metals	331	154	186	208	233	242	247
Fabricated metals	332	270	266	297	324	331	328
Machinery	333	295	274	313	342	343	355
Computers and electronic products	334	436	297	297	337	330	325
Electrical equipment, appliances, and components	335	126	107	115	124	128	124
Transportation equipment	336	663	663	745	743	781	650
Furniture and related products	337	75	79	84	86	82	75
Miscellaneous products	339	117	132	142	151	154	154
Nondurable goods	(X)	1,835	2,044	2,317	2,459	2,518	2,690

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 2004 through December 2007*, Series M3-3 (07) (released May 2008) and U.S. Census Bureau, *Full Report on Manufacturers' Shipments, Inventories and Orders: February 2008–January 2009*. See also <<http://www.census.gov/indicator/www/m3/>>.

Table 985. Value of Manufacturers' Shipments, Inventories, and New Orders by Market Grouping: 2000 to 2008

[In billions of dollars (4,029 represents \$4,029,000,000,000). Based on a sample survey; for methodology, see source]

Market grouping	2000	2003	2004	2005	2006	2007	2008
SHIPMENTS							
All manufacturing industries	4,209	4,015	4,309	4,742	5,020	5,081	5,183
Consumer goods	1,501	1,584	1,701	1,895	1,989	2,038	2,121
Consumer durable goods	391	419	419	423	422	418	354
Consumer nondurable goods	1,109	1,166	1,282	1,473	1,567	1,619	1,766
Aircraft and parts	112	103	106	114	124	141	152
Defense aircraft and parts	25	39	42	38	39	40	56
Nondefense aircraft and parts	87	64	64	76	86	101	97
Construction materials and supplies	445	429	463	510	546	533	520
Motor vehicles and parts	471	492	495	501	500	480	387
Computers and related products	110	69	63	65	67	66	60
Information technology industries	400	275	288	295	320	322	321
Nondefense capital goods	808	634	661	730	796	796	800
Excluding aircraft	758	601	629	687	745	740	749
Defense capital goods	67	86	92	92	90	93	107
Durables excluding capital goods	1,498	1,423	1,512	1,603	1,675	1,673	1,586
INVENTORIES (Dec. 31)							
All manufacturing industries	470	398	429	460	497	516	528
Consumer goods	128	121	130	140	147	153	144
Consumer durable goods	26	24	25	27	28	28	27
Consumer nondurable goods	102	98	105	113	120	125	117
Aircraft and parts	36	32	30	33	37	44	60
Defense aircraft and parts	9	10	10	12	12	13	14
Nondefense aircraft and parts	27	22	20	22	25	31	46
Construction materials and supplies	49	44	50	53	58	58	59
Motor vehicles and parts	22	21	22	23	25	23	21
Computers and related products	8	4	4	4	5	5	5
Information technology industries	51	34	32	38	39	39	42
Nondefense capital goods	127	96	96	108	117	124	142
Excluding aircraft	107	80	82	91	98	101	106
Defense capital goods	17	15	18	16	17	18	19
Durables excluding capital goods	154	128	143	152	168	169	172
NEW ORDERS							
All manufacturing industries	4,161	3,964	4,255	4,745	5,038	5,131	5,152
Consumer goods	1,502	1,585	1,701	1,894	1,989	2,038	2,119
Consumer durable goods	393	420	420	421	422	419	353
Consumer nondurable goods	1,109	1,166	1,282	1,473	1,567	1,619	1,766
Aircraft and parts	131	100	105	149	166	225	185
Defense aircraft and parts	31	45	32	30	38	41	61
Nondefense aircraft and parts	99	55	73	119	128	184	124
Construction materials and supplies	447	429	466	518	549	540	520
Motor vehicles and parts	468	494	495	504	503	478	384
Computers and related products	108	68	62	64	67	66	60
Information technology industries	410	277	294	297	338	328	323
Nondefense capital goods	831	635	673	789	861	891	830
Excluding aircraft	768	609	631	702	776	755	753
Defense capital goods	80	97	92	93	88	97	116
Durables excluding capital goods	1,416	1,360	1,446	1,545	1,630	1,624	1,517

Source: U.S. Census Bureau, *Current Industrial Reports, Benchmark Report for Manufacturers' Shipments, Inventories, and Orders: January 2004 through December 2007*, Series M3-3 (07) (released May 2008) and U.S. Census Bureau, *Full Report on Manufacturers' Shipments, Inventories and Orders: February 2008–January 2009*. See also <<http://www.census.gov/indicator/www/m3/>>.

Table 986. Finances and Profits of Manufacturing Corporations: 2000 to 2008

[In billions of dollars (4,548 represents \$4,548,000,000,000). 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	2000 ¹	2001 ¹	2001 ²	2002 ²	2003 ²	2004 ²	2005 ²	2006 ²	2007 ²	2008 ³
Net sales	4,548	4,308	4,295	4,217	4,397	4,934	5,411	5,783	6,060	6,483
Net operating profit	348	185	186	225	237	320	359	405	416	362
Net profit:										
Before taxes	381	82	83	196	306	447	524	605	603	418
After taxes	275	36	36	135	237	348	401	470	443	294
Cash dividends	132	102	103	106	115	143	179	178	178	186
Net income retained in business . .	143	-67	-66	28	122	205	222	292	265	108

¹ Based on the Standard Industrial Classification system. ² Based on the North American Industry Classification System, 2002; see text, Section 15. ³ Based on the North American Industry Classification System, 2007; see text, Section 15.

Source: U.S. Census Bureau, *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations*. See also Fourth Quarter 2008 QFR Press Release (published March 2009). See <<http://webdev.ssd.census.gov/econ/qfr/index.html>>.

Table 987. Manufacturing Corporations—Assets and Profits by Asset Size: 1990 to 2008

[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 year. Through 2000, based on Standard Industrial Classification code; beginning 2001, based on the 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 1995 to \$250 million. Asset sizes less than these values are sampled, except as noted. For details regarding Survey description, data analysis and methodology, see <<http://www.census.gov/econ/qfr/collection.html>>. 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
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.	6,179,142	168,537	93,786	72,494	91,877	146,651	418,501	5,187,295
2007.	6,891,131	180,319	98,348	80,400	93,017	144,254	433,634	5,861,160
2008.	6,842,856	185,286	105,176	83,225	97,418	146,676	416,299	5,808,777
Net profit: ³								
1990.	110,128	8,527	5,160	2,769	2,661	3,525	7,110	80,377
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.	470,282	22,301	8,685	5,260	4,601	8,901	21,405	399,131
2007.	442,734	22,930	9,006	4,402	6,518	8,400	17,565	373,915
2008.	293,700	20,209	7,788	6,411	3,686	3,891	6,563	245,153

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.

Table 988. Manufacturing Corporations—Selected Finances: 1990 to 2008

[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. See headnote, Table 987. Minus sign (-) indicates loss]

Year	All manufacturing corps.			Durable goods industries			Nondurable goods industries		
	Sales	Profits ¹		Sales	Profits ¹		Sales	Profits ¹	
		Before taxes	After taxes		Before taxes	After taxes		Before taxes	After taxes
1990	2,811	158	110	1,357	57	41	1,454	101	69
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 ²	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	5,783	605	470	2,910	249	193	2,873	356	278
2007	6,060	603	443	3,016	247	159	3,044	356	283
2008	6,483	418	294	3,080	117	62	3,403	301	232

¹ Beginning 1998, profits before and after income taxes reflect inclusion of minority stockholders' interest in net income before and after income taxes. ² Beginning 2001, data reported on a NAICS basis.

Source: U.S. Census Bureau, *Quarterly Financial Report for Manufacturing, Mining, and Trade Corporations*. See also Fourth Quarter 2008 QFR Press Release (published 30 March 2009); <<http://webdev.ssd.census.gov/econ/qfr/index.html>>.

Table 989. Cotton, Wool, and Manmade Fibers—Consumption by End-Use: 2003 to 2007

[14,081 represents 14,081,000,000. Based on U.S. Manufactured Fiber, Cotton and Wool End Use Survey. Represents raw fiber which was put into process in order to manufacture end products manufactured by U.S. mills. Excludes glass fiber]

Year	Total ¹ (mil. lb.)	Cotton ²		Wool ³		Manufactured fibers					
		Total (mil. lb.)	Percent of end-use	Total (mil. lb.)	Percent of end-use	Cellulosic ⁴		Synthetic ⁵			
						Total (mil. lb.)	Percent of end-use	Total (mil. lb.)	Percent of end-use		
Total:											
2003.	14,081	3,465	24.6	112	0.8	11,163	79.3	227	1.6	10,964	77.9
2004.	13,454	2,744	20.4	107	0.8	11,125	82.7	218	1.6	10,911	81.1
2005.	13,127	2,548	19.4	95	0.7	10,924	83.2	210	1.6	10,697	81.5
2006.	11,696	1,914	16.4	97	0.8	10,057	86.0	189	1.6	9,869	84.4
2007.	10,940	1,724	15.8	91	0.8	9,126	83.4	209	1.9	8,917	81.5
Apparel:											
2003.	3,426	1,902	55.5	65	1.9	1,459	42.6	93	2.7	1,366	39.9
2004.	2,873	1,443	50.2	60	2.1	1,371	47.7	76	2.6	1,295	45.1
2005.	2,738	1,415	51.7	51	1.8	1,273	46.5	62	2.3	1,210	44.2
2006.	2,143	1,019	47.5	51	2.4	1,074	50.1	41	1.9	1,033	48.2
2007.	2,016	963	47.7	47	2.3	1,007	49.9	40	2.0	967	48.0
Home textiles:											
2003.	2,069	1,180	57.0	12	0.6	877	42.4	43	2.1	834	40.3
2004.	1,741	937	53.8	10	0.6	794	45.6	40	2.3	753	43.3
2005.	1,492	791	53.0	9	0.6	691	46.3	31	2.1	660	44.3
2006.	1,140	568	49.8	12	1.0	561	49.2	23	2.0	538	47.2
2007.	941	440	46.8	10	1.1	491	52.2	22	2.3	469	49.9
Floor coverings:											
2003.	4,417	32	0.7	28	0.6	4,357	98.7	—	—	4,357	98.7
2004.	4,494	32	0.7	29	0.6	4,433	98.7	—	—	4,433	98.7
2005.	4,558	32	0.7	29	0.6	4,497	98.7	—	—	4,497	98.7
2006.	4,229	32	0.8	29	0.7	4,169	98.6	—	—	4,169	98.6
2007.	3,840	30	0.8	29	0.8	3,781	98.5	—	—	3,781	98.5
Industrial: ⁶											
2003.	4,170	351	8.4	8	0.2	3,811	91.4	92	2.2	3,719	89.2
2004.	4,346	333	7.7	8	0.2	4,006	92.2	102	2.3	3,904	89.8
2005.	4,340	310	7.2	5	0.1	4,024	92.7	112	2.6	3,912	90.1
2006.	4,184	296	7.1	6	0.1	3,882	92.8	117	2.8	3,765	90.0
2007.	4,143	291	7.0	5	0.1	3,847	92.9	147	3.5	3,700	89.3

— Represents or rounds to zero. ¹ Includes other fibers such as silk, linen, jute and sisal. ² Raw cotton. ³ Wool data includes virgin, ngils, reprocessed and reused wool. ⁴ Includes rayon and acetate. ⁵ Includes acrylic, nylon, polyester, olefin, and spandex. ⁶ Includes consumer type products, such as, narrow fabrics, medical, sanitary, tires, hose, belting, felts, sewing thread, filtration, etc. See source.

Table 990. Textiles—Production and Foreign Trade: 2008

[1,308,598 represents 1,308,598,000. 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	Quantity (1,000)			Percent		Value (\$1,000)		
	Unit	Manufacturers' production	Imports for consumption	Exports of domestic merchandise	Imports to manufacturers' production	Exports to manufacturers' production	Imports for consumption ¹	Exports of domestic merchandise
YARN								
Spun yarn	kilograms .	1,308,598	131,655	(S)	10.1	(S)	557,379	(S)
Textured, crimped, twisted, or bulked filament yarn	kilograms .	1,166,076	86,018	60,981	7.4	5.2	310,163	270,649
BROADWOVEN FABRICS²								
Spun yarn fabrics	sq.meters .	1,361,242	1,030,573	228,345	75.7	16.8	1,533,903	471,600
85 percent or more filament yarn fabrics, manmade	sq.meters .	1,662,442	1,023,469	(S)	61.6	(S)	718,745	(S)
Spun/filament combinations (except blue denim and other yarn dyed)	sq.meters .	137,397	128,008	38,850	93.2	28.3	232,899	91,774
Silk fabrics	sq.meters .	(D)	27,611	(S)	(D)	(S)	245,942	(S)
KNIT FABRICS								
Pile fabrics	kilograms.	34,155	143,678	32,363	420.7	94.8	185,487	172,773
Elastic fabric	kilograms.	17,156	18,291	(S)	106.6	(S)	205,981	(S)
Other warp knit fabrics	kilograms.	35,082	29,614	12,668	84.4	36.1	190,428	132,832
Other weft knit fabrics	kilograms.	138,740	56,166	(S)	40.5	(S)	299,247	(S)
Other narrow knit fabrics	kilograms.	2,224	763	(S)	34.3	(S)	11,998	(S)
SHEETS, PILLOWCASES, AND TOWELS								
Sheets and pillowcases	dozens . . .	1,598	52,880	501	3,309.2	31.4	2,123,896	40,374
Finished towels	dozens . . .	4,963	152,644	663	3,075.6	13.4	1,747,248	31,624

D Withheld to avoid disclosing data for individual companies. 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/manufacturing/cir/historical-data/mq313a/index.html>>.

Table 991. Pharmaceutical Preparations—Value of Shipments: 2000 to 2008

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

Product description	Product code	2000	2004	2005	2006	2007	2008
Pharmaceutical preparations, except biologicals	(X)	79,262	109,852	118,647	123,118	(NA)	(NA)
Affecting neoplasms, endocrine systems, and metabolic disease	3254121	9,784	20,789	23,779	25,721	28,497	33,229
Acting on the central nervous system and sense organs	3254124	18,508	25,001	25,627	29,882	28,714	26,480
Acting on the cardiovascular system	3254127	8,993	10,224	10,232	10,874	11,969	11,545
Acting on the respiratory system	325412A	10,179	15,148	16,367	18,350	16,177	16,277
Acting on the digestive system	325412D	10,046	15,252	16,829	11,775	9,822	10,183
Acting on the skin	325412G	2,941	3,283	3,657	3,303	3,498	3,324
Vitamin, nutrient, and hematinic preparations	325412L	5,676	6,683	7,556	7,711	8,062	8,735
Affecting parasitic and infective disease	325412P	11,037	10,819	11,228	11,693	11,014	9,021
Pharmaceutical preps. for veterinary use	325412T	2,096	2,653	3,371	3,808	3,206	3,280

X Not applicable. NA Not available.

Source: U.S. Census Bureau, Current Industrial Reports, "Pharmaceutical Preparations, Except Biologicals," Series MA325G, (published August 2009); <http://www.census.gov/manufacturing/cir/historical_data/ma325g/index.html>.

Table 992. Inorganic Chemicals and Fertilizers—Production: 2000 to 2008

[(15,809 represents 15,809,000)].

Product description	Product code	2000	2004	2005	2006	2007	2008
		INORGANIC FERTILIZERS 1,000 short tons (2,000 lbs.)					
Ammonia, synthetic anhydrous	3253111120	15,809	12,058	11,181	10,981	11,448	10,550
Ammonium nitrate, original solution	3253111201	7,979	7,229	7,212	7,068	8,236	7,841
Ammonium sulfate	3253111240	2,808	3,005	2,906	2,870	3,145	2,771
Urea (100%)	3253114100	7,682	6,344	5,807	5,934	6,156	5,777
Nitric acid (100%)	3253111111	8,708	7,129	7,398	7,245	8,623	7,986
Phosphoric acid (100% P ₂ O ₅)	3253121100	12,492	12,693	12,621	11,797	12,081	10,158
Sulfuric acid, gross (100%)	3251881100	43,643	41,934	40,996	39,578	39,745	35,692
Superphosphates and other fertilizer materials (100% P ₂ O ₅)	3253124100	8,899	8,737	8,141	7,184	7,241	6,105
INORGANIC CHEMICALS 1,000 short tons (2,000 lbs.)							
Chlorine gas ¹	3251811111	14,000	12,329	10,272	12,443	11,895	10,669
Sodium hydroxide, total liquid ²	3251814111	11,523	9,620	8,517	9,735	8,869	8,111
Potassium hydroxide liquid ²	3251817111	539	525	527	610	621	582
Finished sodium bicarbonate	3251817131	536	579	581	644	663	682
Hydrochloric acid ³	3251884131	4,717	5,302	4,619	4,391	4,331	3,902
Aluminum oxide	3313110100	(D)	(D)	(D)	(D)	(D)	(D)
Aluminum sulfate (commercial) ⁴	3251887151	1,076	972	967	1,022	967	(S)
Sodium chlorate	325188A141	940	556	523	615	617	607
Sodium phosphate triply	325188A174	(D)	(D)	(D)	(D)	(D)	(D)
Sodium silicates ⁵	325188A181	1,136	1,112	1,309	1,270	1,182	1,106
Sodium metasilicates	325188A187	72	58	59	28,772	(D)	(D)
Sodium sulfate	325188A1A7	509	86	93	101	93	87
Carbon activated, Granular carbons (dry weight) ^{6, 7}	325998H1E4	95	(D)	(D)	24	27	(S)
Pulverized carbons	325998H1E7	71	39	(D)	64	98	(S)
Hydrogen peroxide	325188G181	1,083	357	365	390	429	437
Phosphorous, oxychloride, and trichloride	325188G1F1	(D)	(D)	(D)	(D)	(D)	(D)

D Withheld to avoid disclosing data for individual companies. S Does not meet publication standards. ¹ Production includes amounts liquefied. ² Liquid production figures represent total production, including quantities later evaporated to solid caustic. ³ Includes production from salt and acid. ⁴ Excludes quantities produced and consumed in municipalities. ⁵ Excludes amounts produced and consumed in making meta, ortho, and sesquisilicates. ⁶ Excludes reactivated carbon. ⁷ Includes pelleted carbon.

Source: U.S. Census Bureau, Current Industrial Reports, "Inorganic Chemicals," Series MQ325A, July 2009 and Current Industrial Reports, "Fertilizers and Related Chemicals," Series MQ325B (published June 2009); <<http://www.census.gov/cir/www/325/mq325a.html>> and <http://www.census.gov/manufacturing/cir/historical_data/mq325b/index.html>.

Table 993. Iron and Steel Industry—Summary: 1990 to 2008

[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. Metalworking Machinery—Value of Shipments: 2006 to 2008

[In thousands of dollars (3,094,478 represents \$3,094,478,000)]

Product description	Product code	2006	2007	2008
Metalworking machinery	(X)	3,094,478	3,318,208	3,576,882
Metal cutting type ^{1, 2, 3, 4}	(X)	2,293,813	2,533,389	2,758,378
Boring and drilling machines	333512A1	178,487	130,220	167,355
Gear cutting machines ¹	33351212	(D)	(D)	(D)
Grinding and polishing machines	33351221	259,063	237,928	304,588
Lathes ²	33351231	295,651	375,871	320,515
Milling machines ³	33351241	56,082	81,294	80,952
Machining centers	33351271	703,045	807,425	766,791
Station type machines ⁴	33351281	79,153	(D)	(D)
Other metal cutting machine tools	33351291	464,779	585,522	608,576
Remanufactured metal cutting machine tools	3335126111	90,172	81,004	56,589
Metal forming type ⁵	(X)	800,665	784,819	818,504
Punching and shearing machines	33351311 part	130,126	145,530	135,773
Bending and forming machines	33351311 part	273,235	264,261	272,795
Presses (excluding forging) ⁵	33351331	128,599	135,292	142,282
Other metal forming type machines ⁵	33351351	228,880	209,309	219,706
Remanufactured metal forming machine tools	3335137121	15,081	10,382	19,732

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 product code 3335123126, "Vertical NC turning machines" are included in total "Metal cutting type," but excluded from product code 33351231. ³ Data for product code 3335124101, "All milling machines valued under \$3,025 each" are included in total "Metal cutting type," but excluded from product code 33351241. ⁴ Data for "Station type machines" are included in total "Metal cutting type." ⁵ 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," but excluded from product codes 33351331 and 33351351, respectively.

Source: U.S. Census Bureau, Current Industrial Reports, "Metalworking Machinery," Series MQ333W (published June 2009); <http://www.census.gov/manufacturing/cir/historical_data/mq333w/index.html>.

Table 995. Aluminum—Supply, Shipments, and Foreign Trade: 1990 to 2008

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

Item	1990	1995	2000	2004	2005	2006	2007	2008 prel.
SUPPLY								
Aluminum supply, total	17,334	20,425	23,586	22,292	23,659	24,020	23,787	23,100
Primary production	8,925	7,441	8,087	5,549	5,468	5,029	5,643	5,862
Recovery from scrap	5,276	7,030	7,606	6,680	6,680	7,842	8,497	7,590
Imports of ingot and mill products	3,133	5,956	7,893	10,063	11,510	11,149	9,648	9,648
Aluminum net shipments, total	17,188	21,019	24,496	24,924	25,520	25,967	24,656	21,869
PRODUCT ¹								
Mill products, total	13,013	15,716	17,676	17,122	17,738	17,956	16,455	15,281
Sheet, plate, and foil	9,297	11,168	12,116	11,463	11,810	11,794	11,009	10,514
Rod, bar, and wire	370	534	690	631	664	718	702	680
Electrical conductor	542	566	681	763	794	850	818	700
Extruded shapes and tube	2,546	3,102	3,792	3,821	4,018	4,137	3,485	3,030
Powder and paste	106	108	142	155	144	140	151	135
Forgings and impacts	152	238	255	289	308	317	290	222
Ingot for castings and other ²	4,175	5,303	6,820	7,802	7,782	8,011	8,201	6,588
MARKET ¹								
Domestic, total	14,637	18,152	21,680	22,901	23,064	23,168	21,457	18,595
Building and construction	2,663	2,679	3,204	3,692	3,681	3,627	3,100	2,600
Transportation	3,205	5,749	7,947	8,509	8,685	8,670	7,885	6,092
Consumer durables	1,122	1,369	1,692	1,585	1,561	1,644	1,474	1,357
Electrical	1,309	1,395	1,704	1,580	1,646	1,707	1,679	1,522
Machinery and equipment	992	1,257	1,496	1,610	1,636	1,680	1,623	1,403
Containers and packaging	4,772	5,088	4,992	5,098	5,115	5,113	4,904	4,908
Other	574	615	645	827	740	727	792	713
Exports	2,551	2,867	2,816	2,023	2,456	2,799	3,199	3,274
FOREIGN TRADE ³								
Exports	3,753	3,846	4,100	4,416	5,629	6,592	6,704	7,621
Imports	3,718	6,899	9,358	11,221	12,607	12,322	10,737	10,126

¹ Statistics on shipments and markets for 1990 to 2000 represent total U.S. producer's shipments plus imports by consumers. Beginning 2003 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.

Table 996. Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment—Value of Shipments: 2004 to 2008

[In millions of dollars (9,728 represents \$9,728,000,000)]

Product description	Product code	2004	2005	2006	2007	2008
Semiconductor machinery	3332950	(NA)	9,728	12,598	13,190	10,064
Transmitting, industrial, and special purpose electron tubes ¹	3344111	641	652	690	734	792
Receiving type electron tubes ²	3344114	1,049	621	216	(D)	(D)
Electron tube parts	3344117	78	72	49	36	31
Bare printed circuit boards	3344120	4,709	4,856	4,933	4,443	4,547
Integrated microcircuits ³	3344131	60,097	61,631	54,963	41,271	35,013
Transistors	3344134	656	603	679	599	401
Diodes and rectifiers	3344137	305	372	467	457	457
Other semiconductor devices ⁴	334413A	7,247	8,330	10,483	10,176	9,122
Capacitors for electronic circuitry	3344140	1,184	1,113	1,064	945	937
Resistors for electronic circuitry	3344150	744	653	660	645	720
Electronic coils, transformers, and other inductors	3344160	1,116	1,216	1,231	1,393	1,389
Connectors for electronic circuitry	3344170	3,416	3,589	3,980	4,189	3,994
Printed circuit assemblies, loaded boards and modules ⁵	334418B	19,566	20,106	19,591	20,382	19,999
Crystals, filters, piezoelectric, and other related electronic devices ⁶	3344191	654	779	754	689	648
All other miscellaneous transducers ⁷	3344194	1,495	1,401	1,323	1,466	1,439
Switches, mechanical types for electronic circuitry	3344197	716	794	645	662	732
Microwave components and devices ⁸	334419A	1,326	1,306	1,470	1,541	1,460
All other miscellaneous electronic components	334419E	4,158	4,040	4,346	4,831	4,609

NA Not available. ¹ Except X-ray. ² Including cathode ray (new and rebuilt). ³ Includes semiconductor networks, microprocessors, and MOS memories. ⁴ Includes semiconductor parts such as chips, wafers, and heat sinks. ⁵ Printed circuit boards with inserted electronic components. ⁶ Except microwave filters. ⁷ Includes electrical-electronic input/output transducers. ⁸ Except antennae, tubes, and semiconductors

Source: U.S. Census Bureau, Current Industrial Reports, "Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment," Series MA334Q (published August 2009); <http://www.census.gov/manufacturing/cir/historical_data/ma334q/index.html>.

Table 997. Computers and Peripheral Equipment—Value of Shipments: 2000 to 2007

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

Product description	Product code	2000	2003	2004	2005	2006	2007
Electronic computers ¹	334111	62,857	38,271	37,895	38,386	37,657	36,859
Host computers (multiusers)	3341111	22,877	12,237	10,993	11,759	(D)	(D)
Single user computers	3341117	38,981	25,164	26,309	25,906	(D)	(D)
Other computers	334111D	998	870	593	721	(D)	299
Computer storage devices (except parts, attachments and accessories)	3341121	8,995	5,101	5,034	6,100	6,956	7,872
Parts, attachments, and accessories for computer storage devices	3341124	1,692	1,130	1,039	1,441	1,929	1,426
Computer terminals ¹	3341131	415	258	274	245	268	331
Parts, attachments, and accessories for computer terminals ¹	3341134	(D)	1	2	(D)	(D)	(D)
All other miscellaneous computer peripheral equipment	3341191	(S)	(S)	4,705	4,425	4,517	4,428
Parts, subassemblies, and accessories for computer peripheral equipment	3341194	2,766	1,849	2,257	2,743	2,720	3,171
Point-of-sale terminals and funds-transfer devices	3341197	852	732	513	497	621	1,034
Parts and attachments for point-of-sale terminals and funds-transfer devices	334119D	(NA)	(NA)	(D)	(D)	35	12
Magnetic and optical recording media	3346130	3,206	2,271	1,586	1,303	1,364	1,381

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; <http://www.census.gov/manufacturing/cir/historical_data/mq334r/index.html>.

Table 998. Computers and Peripheral Equipment—Shipments: 2006 and 2007

[26,926 represents 26,926,000]

Product description	Product code	Number of companies, 2007	Quantity (1,000)		Value (mil. dol.)	
			2006	2007	2006	2007
Electronic computers ¹	334111	90	26,926	25,657	37,657	36,859
Host computers, multiusers	3341111	42	(D)	(D)	(D)	(D)
Single-user computers, microprocessor-based, capable of supporting attached peripherals ¹	3341117	52	(D)	(D)	(D)	(D)
Personal computers	3341117107	25	(D)	(D)	(D)	(D)
Workstations	3341117109	25	(D)	(D)	(D)	2,442
Other computers (array, analog, hybrid, and special-use computers)	334111D	28	(D)	135	(D)	299
Computer storage devices (except parts, attachments, and accessories)	3341121	42	(X)	(X)	6,956	7,872
Disk subsystem and disk arrays for multiuser-computer systems	3341121109	14	(D)	(X)	(D)	2,531
Disk drives (all sizes)	3341121112	15	(X)	(X)	(D)	150
Storage Area Networks(SANs)	3341121123	10	(D)	(X)	(D)	2,892
Tape drives (all sizes)	3341121138	9	(X)	(X)	285	239
Other computer storage devices	3341121145	16	1,134	(X)	3,795	2,061
Parts, attachments, and accessories for computer storage devices	3341124	12	(X)	(X)	1,929	1,426
Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories)	3341131	17	(X)	(X)	268	330,640
Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices)	3341134	4	(X)	(X)	(D)	(D)
All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments and accessories)	3341191	111	(X)	(X)	4,517	4,427
Parts, subassemblies, and accessories for computer peripheral equipment	3341194	34	(X)	(X)	2,719	3,171
devices	3341197	14	378	(X)	621	1,034
Magnetic and optical recording media	3346130	18	(X)	(X)	1,364	1,381

D Withheld to avoid disclosing data for individual companies. X Not applicable. ¹ Includes other products, not shown separately.

Source: U.S. Census Bureau, Current Industrial Reports, "Computers and Peripheral Equipment," Series MA334R; <http://www.census.gov/manufacturing/cir/historical_data/mq334r/index.html>.

Table 999. U.S. Consumer Electronics Sales and Forecasts by Product Category: 2005 to 2009

[In millions of dollars (137,345 represents \$137,345,000,000). Represents shipment volumes from manufacturers to U.S. dealers. Includes both domestic production and imports of products to consumer-oriented channels, regardless of retail type, including distribution and direct-to-consumer sales]

Product category	2005	2006	2007	2008	2009, proj.
Total	137,345	156,441	168,919	178,649	164,915
In-home technologies total	70,611	76,960	79,561	82,765	75,483
TV sets and displays	18,502	24,042	24,661	25,931	24,355
Digital TV sets and displays ¹	15,043	22,696	24,519	25,931	24,355
LCD flat panel	3,258	8,430	14,520	17,962	18,363
Plasma flat panel	3,609	5,302	4,488	3,689	2,907
Front projection	2,914	2,943	2,996	2,841	2,197
OLED	(X)	(X)	(X)	113	233
Analog displays	3,459	1,346	142	(X)	(X)
Video components ¹	4,206	4,747	4,911	6,846	6,636
Component DVD players/recorders	2,053	2,228	1,765	1,388	1,167
Next generation DVD players ²	(X)	65	345	739	1,097
Set-top boxes ¹	2,074	2,409	2,798	4,719	4,373
Direct broadcast satellite (DBS) receivers	1,366	1,278	1,220	1,064	958
Cable/multi-system operator (MSO) receivers	643	874	1,085	1,300	1,618
Digital Media Adapters (DMAs)	40	53	152	563	859
IPTV	26	69	187	318	438
Digital video recorders (DVRs)	532	975	1,580	3,237	2,764
Audio separates/systems detail ¹	4,904	4,810	4,962	4,429	3,940
Audio separates components	1,116	1,152	1,258	1,081	959
Home technologies	2,042	2,047	1,996	1,962	1,707
Home information technologies and security ¹	40,083	40,682	42,783	43,547	38,781
Desktop computers	7,672	8,956	8,500	6,744	4,806
Notebook computers	11,727	10,597	12,656	14,187	11,675
Personal computer software	6,173	6,655	7,084	7,406	7,821
Home security systems	2,322	2,786	3,204	3,558	3,725
Communications ¹	2,915	2,678	2,244	2,012	1,770
Phones	1,135	968	576	435	420
Telephone answering devices	1,279	1,162	1,030	954	747
VIOP adapters	312	390	492	517	515
In-vehicle technologies total	8,992	10,712	12,257	12,782	9,381
Entertainment devices	8,272	9,358	9,501	8,706	6,259
Aftermarket autosound equipment ³	2,270	2,654	1,974	1,516	1,344
Mobile video devices ¹	552	630	713	539	467
Factory-installed autosound	5,450	6,074	6,814	6,651	4,448
Information and security ¹	720	1,354	2,756	4,076	3,122
Portable and transportable navigation	349	988	2,387	3,731	2,807
Anywhere technologies total	39,921	49,588	57,900	63,546	60,689
Digital imaging ¹	7,315	9,827	9,197	9,416	8,688
Digital cameras	5,611	7,819	6,517	6,813	5,969
All camcorders	1,704	1,828	2,112	1,885	1,897
Portable entertainment ¹	5,003	6,722	7,349	7,325	6,667
Portable Media/MP3 players	4,229	5,559	5,968	5,844	5,207
Electronic gaming ¹	12,550	14,662	19,738	23,558	24,070
Electronic gaming hardware	3,087	4,477	6,710	7,780	7,037
Electronic gaming software	8,041	8,450	11,154	14,166	15,582
Portable communication ¹	15,053	18,377	21,616	23,247	21,265
Wireless communication technologies ¹	14,365	17,836	21,162	22,814	20,811
Smartphones	3,795	5,192	8,645	11,393	11,729
Consumer electronic enhancements	17,821	19,181	19,201	19,556	19,362
Accessories ¹	12,117	13,614	14,299	14,777	14,249
Primary batteries	5,902	6,155	6,421	6,565	6,247
Blank media ¹	5,704	5,567	4,902	4,779	5,113
Flash media	3,087	3,374	3,441	3,904	4,400

X Not applicable. ¹ Includes categories, not shown separately. ² Includes HD-DVD and Blu-Ray. ³ Includes satellite radio receivers, satellite radio accessories and satellite radio kits, does not include Bluetooth headsets. ⁴ Includes all fixed navigation units.

Source: Consumer Electronics Association, Arlington, VA, *U.S. Consumer Electronics Sales and Forecasts, 2005-2010*, July 2009 (copyright). See also <<http://www.ce.org>>

Table 1000. Telecommunication Equipment—Value of Shipments: 2000 to 2008

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

Product description	Product code	2000	2004	2005	2006	2007	2008
Telephone switching and switchboard equipment	3342101	15,174	3,294	1,576	1,812	1,959	1,643
Carrier line equipment and nonconsumer modems	3342104	13,112	3,598	2,824	2,912	3,512	3,137
Wireline voice and data network equipment.	3342107	28,971	12,052	12,289	18,563	11,181	4,595
Broadcast, studio, and related electronic equipment	3342202	4,029	2,763	3,289	3,653	3,350	3,484
Wireless networking equipment.	3342203	(NA)	(NA)	(NA)	(NA)	6,159	4,768
Radio station equipment	3342205	(NA)	(NA)	(NA)	(NA)	17,824	16,467
Other communications systems equipment	3342209	(NA)	(NA)	(NA)	(NA)	6,355	10,879
Alarm systems.	3342901	2,755	2,014	1,910	1,526	2,044	2,090
Vehicular and pedestrian traffic control equipment	3342902	838	898	1,020	1,048	1,239	1,235
Intercommunications systems.	3342903	447	455	416	433	438	458
Modems, consumer type	3344184	95	100	98	79	82	87

NA Not available.

Source: U.S. Census Bureau, Current Industrial Reports, "Telecommunications," Series MQ334P; <http://www.census.gov/manufacturing/cir/historical_data/mq334p/index.html>.

Table 1001. Motor Vehicle Manufactures—Summary by Selected Industry: 2006

[48,290 represents \$48,290,000,000. 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	933,738	48,291	51,718	750,113	500,175
Motor vehicle, total	3361	205,843	14,019	68,106	179,052	261,860
Automobile & light duty motor vehicle	33611	173,658	12,524	72,117	152,516	232,471
Automobile	336111	74,335	5,352	71,999	64,049	94,229
Light truck & utility vehicle	336112	99,323	7,172	72,205	88,467	138,242
Heavy duty truck	33612	32,185	1,496	46,468	26,536	29,389
Motor vehicle body & trailer	3362	150,166	5,573	37,111	120,336	36,016
Motor vehicle body	336211	50,906	1,944	38,185	38,509	11,855
Truck trailer	336212	30,527	1,051	34,427	25,652	8,165
Motor home	336213	18,932	729	38,510	15,425	5,519
Travel trailer & camper	336214	49,801	1,849	37,125	40,751	10,477
Motor vehicle parts	3363	577,729	28,699	49,676	450,725	202,299
Motor vehicle gasoline engine & engine parts	33631	69,087	3,927	56,841	53,249	32,835
Motor vehicle electrical and electronic equipment	33632	72,621	3,350	46,127	52,684	21,545
Motor vehicle steering and suspension	33633	35,695	1,800	50,417	28,242	10,595
Motor vehicle brake system	33634	32,569	1,341	41,174	25,050	12,676
Motor vehicle transmission & power train parts	33635	76,874	5,193	67,553	62,719	34,974
Motor vehicle seating & interior trim	33636	47,321	1,943	41,067	33,539	18,866
Motor vehicle metal stamping	33637	95,398	5,117	53,633	77,737	25,978
Other motor vehicle parts	33639	148,164	6,029	40,689	117,504	44,831

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: 2006" (published November 2008); using American FactFinder; <<http://www.census.gov/manufacturing/asm/index.html>>.

Table 1002. Motor Vehicle Manufacturers—Employees, Payroll, and Shipments by Major State: 2006

[14,019 represents \$14,019,000,000. Industry based on the North American Industry Classification System (NAICS), 2002; see text, Section 15. See footnote 3, Table 1001 for information regarding shipments. Based on the Annual Survey of Manufacturers; see Appendix 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 States¹	205,843	14,019	261,860	577,729	28,699	202,299
Alabama	11,050	718	14,235	15,844	667	5,735
Arkansas	(²)	(D)	(D)	5,366	172	1,156
California	6,538	476	7,500	21,161	875	6,362
Connecticut	(³)	(D)	(D)	(³)	(D)	(D)
Delaware	(³)	(D)	(D)	(³)	(D)	(D)
Florida	(³)	(D)	(D)	3,736	147	979
Georgia	5,435	324	5,703	8,903	350	3,016
Illinois	7,068	494	7,774	24,454	1,046	6,929
Indiana	13,855	887	18,088	71,743	3,745	23,125
Iowa	(³)	(D)	(D)	6,413	270	1,773
Kansas	(³)	(D)	(D)	2,169	86	—
Kentucky	17,778	1,313	24,492	28,631	1,180	9,851
Maryland	(³)	(D)	(D)	2,050	107	754
Michigan	36,796	2,937	49,878	122,262	7,355	47,710
Minnesota	2,636	127	1,846	2,772	96	538
Mississippi	(³)	(D)	(D)	5,525	195	1,814
Missouri	13,682	1,063	17,457	13,136	521	3,940
Nebraska	(³)	(D)	(D)	3,104	154	928
New York	(³)	(D)	(D)	19,906	1,329	7,556
North Carolina	(⁴)	(D)	(D)	17,422	666	7,450
Ohio	24,664	1,762	37,119	82,352	4,561	27,868
Oklahoma	1,852	101	1,775	3,840	154	997
Pennsylvania	(²)	(D)	(D)	11,510	470	2,924
South Carolina	(⁴)	(D)	(D)	14,278	679	6,559
Tennessee	12,764	801	13,236	34,982	1,457	16,294
Texas	6,831	462	13,010	12,603	505	3,594
Utah	(³)	(D)	(D)	4,386	179	1,759
Virginia	5,113	274	6,295	6,751	289	1,982
Washington	(²)	(D)	(D)	2,132	94	513
Wisconsin	(⁴)	(D)	(D)	13,359	604	4,360

— 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 Manufacturers, "Geographic Area Statistics: Statistics for all Manufacturing by State: 2006" (published November 2008); using American FactFinder; <http://factfinder.census.gov/home/saff/main.html?_lang=en/SAFFInfo.jsp?content=sp8annualeconomicssurveys.html&submenuId=aboutdata0>.

Table 1003. Aerospace—Sales, New Orders, and Backlog: 2000 to 2008

[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	2003	2004	2005	2006	2007	2008
Net sales	109.3	116.4	124.3	124.2	155.9	126.8	118.7
Percent U.S. government	37.5	52.9	51.7	50.6	44.7	38.2	40.7
Complete aircraft and parts ¹	57.2	49.6	49.6	49.9	(D)	(D)	(D)
Aircraft engines and parts	12.5	13.8	16.1	18.5	28.6	15.5	(D)
Missiles and space vehicles, parts.	15.6	15.6	14.2	(S)	(D)	(D)	(D)
Other products, services	24.0	37.4	44.4	45.8	(D)	43.70	(D)
Net, new orders	140.1	117.7	131.7	186.4	202.8	231.6	162.0
Backlog, Dec. 31	215.0	226.9	234.3	290.0	334.5	437.1	466.5

D Withheld to avoid disclosing data of individual companies. S Does not meet publication standards.

Source: U.S. Census Bureau, "Current Industrial Reports, Civil Aircraft and Aircraft Engines, and Aerospace Industry," Series MA336G. See <http://www.census.gov/manufacturing/cir/historical_data/ma336/index.html>.

Table 1004. Net Orders for U.S. Civil Jet Transport Aircraft: 1990 to 2008

[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	2000	2003	2004	2005	2006	2007	2008
Total number ¹	670	585	237	267	1,004	1,058	1,417	662
U.S. customers	259	412	84	23	220	321	281	112
Foreign customers	411	193	185	204	811	737	1,136	550
Boeing 737, total	189	378	204	142	571	739	846	484
U.S. customers	38	302	74	16	152	242	164	107
Foreign customers	151	86	145	92	439	497	682	377
Boeing 747, total	153	24	4	10	43	72	25	3
U.S. customers	24	1	-	1	13	18	-	-
Foreign customers	129	18	9	10	30	54	25	3
Boeing 757, total	66	43	-1	-	-	-	-	-
U.S. customers	33	38	-7	-	-	-	-	-
Foreign customers	33	14	6	-	-	-	-	-
Boeing 767, total	60	6	10	9	15	10	36	28
U.S. customers	23	-2	-	-	-	-	27	-
Foreign customers	37	14	15	1	20	10	9	28
Boeing 777, total	34	113	12	42	154	76	141	54
U.S. customers	34	60	11	-	10	35	23	11
Foreign customers	-	53	8	43	146	41	118	43
Boeing 787, total	-	-	-	56	235	161	369	93
U.S. customers	-	-	-	-	45	26	67	-6
Foreign customers	-	-	-	56	190	135	302	99
McDonnell Douglas MD-11, total	52	-	-	-	-	-	-	-
U.S. customers	16	-	-	-	-	-	-	-
Foreign customers	36	-	-	i	-	-	-	-
McDonnell Douglas MD-80/90, total	116	-	-	-	-	-	-	-
U.S. customers	91	-	-	-	-	-	-	-
Foreign customers	25	-	-	-	-	-	-	-
McDonnell Douglas MD-95, total	-	21	8	8	-	-	-	-
U.S. customers	-	13	6	6	-	-	-	-
Foreign customers	-	8	2	2	-	-	-	-

- Represents zero. ¹ Beginning 2000, includes unidentified customers.

Source: Aerospace Industries Association of America, Washington, DC, "Orders: U.S. Civil Jet Transport Aircraft," Series 22. See also <http://www.aia-aerospace.org/industry_information/economics/aerospace_statistics>.

Table 1005. U.S. Aircraft Shipments: 1990 to 2008

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

Year	Total		Civil						Military	
	Units	Value	Large transports		General aviation ¹		Rotocraft		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
1995	2,436	49,381	256	15,263	1,077	2,842	292	194	816	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	511	33,376
1998	3,533	75,724	559	35,663	2,193	5,534	363	252	419	34,275
1999	3,799	80,974	620	38,171	2,475	6,803	345	200	357	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	347	35,215
2002	3,251	73,112	379	27,547	2,196	7,261	318	157	359	38,147
2003	3,221	68,006	281	21,033	2,080	6,205	517	366	383	40,402
2004	3,804	74,526	283	20,484	2,296	6,918	805	515	418	46,609
2005	4,649	81,515	290	22,116	2,853	8,632	947	815	587	49,952
2006	5,126	86,014	398	25,875	3,134	9,550	898	802	996	49,757
2007	5,378	101,419	441	29,160	3,279	11,941	1,009	1,385	915	54,200
2008, proj.	5,087	93,478	373	24,700	3,079	13,348	1,115	1,530	520	53,900

¹ Excludes off-the-shelf military aircraft.

 Source: U.S. Department of Commerce, International Trade Administration, "Shipments of Complete U.S. Aircraft, 1971–2008"; <http://trade.gov/mas/manufacturing/OAAI/aero_stats.asp>.

Table 1006. Aerospace Industry Sales by Product Group and Customer: 1990 to 2009

[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 1003]

Group	1990	2000	2003	2004	2005 ¹	2006	2007	2008 ²	2009 ³
CURRENT DOLLARS									
Total sales	134.4	144.7	146.6	155.7	173.3	186.9	200.3	204.4	214.3
Product group:									
Aircraft, total	71.4	81.6	72.8	79.1	112.2	126.4	134.4	135.3	143.5
Civil ⁴	31.3	47.6	32.4	32.5	62.1	72.6	80.2	80.6	86.6
Military	40.1	34.0	40.4	46.6	50.1	53.8	54.2	54.7	57.0
Missiles	14.2	9.3	13.5	14.7	9.1	11.3	12.4	13.2	13.3
Space	26.4	29.7	35.9	35.9	33.5	32.9	32.0	33.4	34.1
Related products and services ⁵	22.4	24.1	24.4	26.0	18.6	16.3	21.5	22.5	23.3
Customer group:									
Aerospace products & services, total	112.0	120.6	122.2	129.8	154.8	170.6	178.8	181.9	191.0
DOD ⁶	60.5	47.5	64.0	70.1	80.0	86.8	87.6	89.3	91.8
NASA ⁷ and other agencies	11.1	13.4	15.5	16.0	11.0	9.5	9.9	10.4	10.7
Other customers ⁸	40.4	59.7	42.7	43.7	63.7	74.3	81.3	82.2	88.5
Related products and services ⁵	22.4	24.1	24.4	26.0	18.6	16.3	21.5	22.5	23.3
CONSTANT (1987) DOLLARS ⁹									
Total sales	123.5	144.7	137.0	141.2	151.4	157.5	163.7	162.0	164.8
Product group:									
Aircraft, total	65.6	81.6	68.1	71.7	98.0	106.5	109.9	107.2	110.4
Civil ⁴	28.7	47.6	30.3	29.5	54.2	61.2	65.5	63.8	66.6
Military	36.8	34.0	37.8	42.3	43.7	45.3	44.3	43.4	43.8
Missiles	13.0	9.3	12.6	13.3	8.0	9.5	10.1	10.5	10.3
Space	24.3	29.7	33.5	32.6	29.2	27.7	26.2	26.4	26.3
Related products and services ⁵	20.6	24.1	22.8	23.5	16.2	13.8	17.6	17.8	17.9
Customer group:									
Aerospace products & services, total	102.9	120.6	114.2	117.6	135.1	143.8	146.2	144.1	146.9
DOD ⁶	55.6	47.5	59.8	63.5	69.9	73.1	71.7	70.7	70.6
NASA ⁷ and other agencies	10.2	13.4	14.5	14.5	9.6	8.0	8.1	8.2	8.2
Other customers ⁸	37.1	59.7	39.9	39.6	55.7	62.7	66.4	65.2	68.1
Related products and services ⁵	20.6	24.1	22.8	23.5	16.2	13.8	17.6	17.8	17.9

¹ Beginning in 2005, sales numbers for individual product groups are not comparable to figures in prior years due to revised survey methodology. However, total annual sales data remain comparable across all years of the time series. ² Preliminary.

³ Estimate. 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. ⁹ Based on AIA's aerospace composite price deflator.

Source: Aerospace Industries Association of America, Inc., Washington, DC, *2008 Year-end Review and Forecast* (published 10 December 2008). See also <http://www.aia-aerospace.org/industry_information/economics/year_end_review_and_forecast/>.

Table 1007. Major Household Appliances—Value of Shipments: 2000 to 2008

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

Product description	Product code	2000	2004	2005	2006	2007	2008
Electric household ranges, ovens and surface cooking units, equipment and parts	3352211	2,170	2,285	2,577	2,541	2,736	2,360
Gas household ranges, ovens, and surface cooking units, equipment, and parts	3352213	779	1,120	1,392	1,363	1,541	1,279
Other household ranges, cooking equipment, and outdoor cooking equipment ¹	3352215	1,251	914	965	784	491	509
Household refrigerators, including combination refrigerator-freezers	3352221	5,396	5,002	5,405	5,427	5,440	4,879
Parts and attachments for household refrigerators and freezers	3352223	(D)	(D)	(D)	(D)	159	106
Household laundry machines and parts	3352240	4,047	5,130	5,236	5,184	5,232	4,844
Water heaters, electric	3352281	573	545	638	652	950	953
Water heaters, except electric	3352283	844	884	970	903	1,572	1,547
Household appliances, n.e.c. ²	3352285	2,066	2,297	2,433	2,413	2,717	2,445

D Withheld to avoid disclosing data of individual companies.

¹ Includes parts and accessories. ² n.e.c. means not elsewhere classified.Source: U.S. Census Bureau, Current Industrial Reports, "Major Household Appliances," Series MA335F (published July 2009). See <http://www.census.gov/manufacturing/cir/historical_data/ma335f/index.html>.