
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 American Iron and Steel Institute (Table 1029), Consumer Electronics Association (Table 1033), and the Aerospace Industries Association (Tables 1038 and 1040).

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 Annual Survey of Manufactures is a sample survey of approximately 50,000 establishments. A new sample is selected at 5-year intervals beginning the second survey year subsequent to the Economic Census—Manufacturing. Since 2009 is the second survey year following the 2007 Economic Census, a new sample was selected based on the 2007 Economic Census—Manufacturing. The sample was supplemented by new establishments entering business in 2007 and 2008.

In 2007, there were approximately 328,500 active manufacturing establishments. For sample efficiency and cost considerations, the 2007 manufacturing population is partitioned into two groups: (1) establishments eligible to be mailed a questionnaire and (2) establishments not eligible to be mailed a questionnaire.

Establishments and classification—

Each of the establishments covered in the 2007 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 2007 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—An establishment is a single physical location where business is

conducted or where services or industrial operations are performed. Data in this sector includes those establishments where manufacturing is performed. A separate report is required for each manufacturing establishment (plant) with one employee or more that is in operation at any time during the year. An establishment not in operation for any portion of the year is requested to return the report form with the proper notation in the "Operational Status" section of the form. In addition, the establishment is requested to report data on any employees, capital expenditures, inventories, or shipment from inventories during the year.

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 1007. Gross Domestic Product in Current and Real (2005) Dollars by Industry: 2000 to 2010

[In billions of dollars (9,951.5 represents \$9,951,500,000,000). Data include nonfactor charges (capital consumption allowances, indirect business taxes, etc.) as well as factor charges against gross product; corporate profits and capital consumption allowances have been shifted from a company to an establishment basis]

Industry	2002 NAICS code ¹	2000	2005	2007	2008	2009	2010
CURRENT DOLLARS							
Gross domestic product, total ²	(X)	9,951.5	12,638.4	14,061.8	14,369.1	14,119.0	14,660.4
Private industries	(X)	8,736.1	11,052.5	12,301.9	12,514.0	12,196.5	12,696.5
Manufacturing	31–33	1,415.6	1,568.0	1,698.9	1,647.6	1,584.8	1,717.5
Durable goods	33, 321, 327	839.1	877.6	942.8	927.3	867.2	961.2
Wood products	321	28.3	33.0	28.2	25.1	20.9	(NA)
Nonmetallic mineral products	327	41.9	45.3	44.4	39.4	38.2	(NA)
Primary metals	331	46.3	53.7	59.0	61.5	43.4	(NA)
Fabricated metal products	332	120.7	120.4	134.3	135.1	121.9	(NA)
Machinery	333	110.5	109.5	125.3	125.3	112.7	(NA)
Computer and electronic products, electrical equipment, appliances, and components	334	172.1	183.3	196.4	204.1	206.4	(NA)
Motor vehicles, bodies and trailers, and parts	335	44.1	39.9	45.8	50.6	51.7	(NA)
Other transportation equipment	3361–3363	117.4	112.6	103.4	81.1	78.2	(NA)
Furniture and related products	3364–66, 69	65.8	76.0	92.4	95.7	90.7	(NA)
Miscellaneous manufacturing	337	33.8	34.3	34.7	28.8	24.2	(NA)
	339	58.3	69.6	78.8	80.6	79.0	(NA)
Nondurable goods	31, 32 (except 321 and 327)	576.5	690.4	756.1	720.3	717.6	756.3
Food and beverage and tobacco products	311, 312	164.8	172.1	179.9	181.2	206.1	(NA)
Textile mills and textile product mills	313, 314	27.9	23.5	21.7	22.4	17.6	(NA)
Apparel and leather and allied products	315, 316	21.4	16.0	14.9	13.5	11.7	(NA)
Paper products	322	61.7	53.8	58.6	53.8	56.1	(NA)
Printing and related support activities	323	40.3	37.5	38.5	37.0	32.8	(NA)
Petroleum and coal products	324	43.6	139.3	149.7	151.9	120.0	(NA)
Chemical products	325	152.2	182.7	223.2	201.1	216.5	(NA)
Plastics and rubber products	326	64.6	65.6	69.5	59.4	56.7	(NA)
CHAINED (2005) DOLLARS							
Gross domestic product, total ²	(X)	11,226.0	12,638.4	13,228.9	13,228.8	12,880.6	13,248.2
Private industries	(X)	9,785.6	11,052.5	11,623.6	11,546.3	11,197.6	11,520.5
Manufacturing	31–33	1,396.5	1,568.0	1,690.4	1,608.6	1,469.7	1,554.4
Durable goods	33, 321, 327	747.5	877.6	972.3	982.4	857.4	942.7
Wood products	321	32.8	33.0	35.4	33.5	27.7	(NA)
Nonmetallic mineral products	327	44.7	45.3	39.4	36.7	32.1	(NA)
Primary metals	331	62.2	53.7	42.7	43.6	44.9	(NA)
Fabricated metal products	332	129.6	120.4	130.0	125.6	94.0	(NA)
Machinery	333	111.3	109.5	122.5	122.3	95.2	(NA)
Computer and electronic products, electrical equipment, appliances, and components	334	81.5	183.3	246.7	284.3	293.8	(NA)
Motor vehicles, bodies and trailers, and parts	335	42.6	39.9	43.0	46.4	41.7	(NA)
Other transportation equipment	3361–63	93.5	112.6	119.7	103.3	76.9	(NA)
Furniture and related products	3364–66, 69	78.4	76.0	89.7	92.9	82.0	(NA)
Miscellaneous manufacturing	337	35.1	34.3	33.2	27.3	19.9	(NA)
	339	60.2	69.6	77.3	79.3	73.6	(NA)
Nondurable goods	31, 32 (except 321 and 327)	649.6	690.4	719.1	634.5	613.1	618.0
Food and beverage and tobacco products	311, 312	175.7	172.1	199.6	178.5	175.4	(NA)
Textile mills and textile product mills	313, 314	27.4	23.5	21.5	21.5	15.6	(NA)
Apparel and leather and allied products	315, 316	19.6	16.0	15.0	13.6	11.7	(NA)
Paper products	322	58.3	53.8	52.9	46.0	42.2	(NA)
Printing and related support activities	323	37.5	37.5	37.5	37.3	31.8	(NA)
Petroleum and coal products	324	74.1	139.3	115.2	115.7	128.2	(NA)
Chemical products	325	169.9	182.7	216.6	170.2	164.0	(NA)
Plastics and rubber products	326	65.7	65.6	64.8	53.8	45.1	(NA)

NA Not available. X Not applicable. ¹ North American Industry Classification System, 2002; see text, Section 15.

² Includes industries, not shown separately. For additional industries, see Table 670.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 2011. See also <<http://www.bea.gov/scb/index.htm>>.

Table 1008. Manufacturing—Selected Industry Statistics by State: 2007

[13,333 represents 13,333,000. Based on the 2007 Economic Census and the 2007 Nonemployer Statistics. See Appendix III]

State	Employers				Nonemployers	
	Number of establishments	Number of employees (1,000)	Annual payroll (mil. dol.)	Sales, shipments, receipts or revenue (mil. dol.)	Number of establishments	Sales, shipments, receipts or revenue (mil. dol.)
U.S.	293,919	13,333	612,474	5,339,345	328,060	16,333
AL	4,928	272	11,352	112,859	4,369	204
AK	544	13	490	8,204	1,087	33
AZ	5,074	172	8,774	57,978	6,524	318
AR	3,088	185	6,518	60,736	2,683	128
CA	44,296	1,448	71,247	491,372	43,798	2,817
CO	5,288	138	6,790	46,332	6,882	284
CT	4,924	191	10,345	58,405	3,776	250
DE	673	35	1,760	25,680	596	36
DC	137	2	81	333	185	8
FL	14,324	355	15,227	104,833	19,505	1,203
GA	8,699	411	16,128	144,281	8,891	425
HI	984	14	511	8,799	2,075	95
ID	1,942	65	2,829	18,011	2,499	91
IL	15,704	664	31,716	257,761	10,347	531
IN	9,015	537	24,475	221,878	6,650	295
IA	3,802	223	9,526	97,592	3,031	117
KS	3,170	178	7,983	76,752	2,739	106
KY	4,165	247	10,773	119,105	3,874	181
LA	3,442	148	7,565	205,055	4,001	190
ME	1,825	59	2,524	16,363	2,652	95
MD	3,680	128	6,454	41,456	4,031	197
MA	7,737	289	15,712	86,429	6,215	315
MI	13,675	582	29,910	234,456	11,725	547
MN	7,951	341	15,999	107,563	7,516	291
MS	2,598	159	5,757	59,869	2,347	103
MO	6,886	295	12,997	110,908	5,987	259
MT	1,324	20	808	10,638	1,959	67
NE	1,984	100	3,789	40,158	1,499	55
NV	2,035	52	2,291	15,736	2,217	138
NH	2,104	82	4,196	18,592	2,287	101
NJ	9,250	311	16,399	116,608	6,503	433
NM	1,574	35	1,560	17,123	3,581	103
NY	18,629	534	24,268	162,720	18,163	933
NC	10,150	506	19,590	205,867	9,828	398
NC	767	26	991	11,350	626	21
OH	16,237	760	35,485	295,891	12,782	640
OK	3,964	142	5,971	60,681	4,099	210
OR	5,717	184	8,139	66,881	6,680	258
PA	15,406	651	29,433	234,840	14,146	767
Ri.	1,831	54	2,375	12,062	1,290	58
SC	4,335	242	10,061	93,977	3,821	174
SD	1,052	41	1,539	13,051	877	26
TN	6,752	369	15,166	140,448	6,427	306
TX	21,115	894	42,836	593,542	28,790	1,369
UT	3,368	123	5,508	42,432	3,856	171
VT	1,108	36	1,650	10,751	1,738	54
VA	5,777	277	12,170	92,418	5,084	201
WA	7,650	270	13,275	112,053	8,599	343
WV	1,413	60	2,646	25,081	1,363	44
WI	9,659	488	21,850	163,563	6,976	312
WY	596	12	574	8,835	884	32

Source: U.S. Census Bureau, "2007 Economic Census, Geographic Area Series, Detailed Statistics for the State: 2007," April 2010, <<http://www.census.gov/econ/census07/>>, and "Nonemployer Statistics," August 2009, <<http://www.census.gov/econ/nonemployer/index.html>>.

Table 1009. Manufacturing—Establishments, Employees, and Annual Payroll by Industry: 2007 and 2008

[(120,604 represents 120,604,000). Excludes most government employees, railroad employees, and self-employed persons. See Appendix III]

Industry	2007 NAICS code ¹	Establishments		Employees (1,000) ²		Payroll (mil. dol.)	
		2007	2008	2007	2008	2007	2008
All industries, total	(X)	7,705,018	7,601,169	120,604	120,904	5,026,778	5,130,590
Manufacturing, total	31–33	331,355	326,216	13,320	13,096	626,530	622,307
Percent of all industries	(X)	4.3	4.3	11.0	10.8	12.5	12.1
Food	311	25,796	25,760	1,439	1,467	51,002	52,653
Beverage and tobacco products	312	4,069	4,151	156	157	7,777	7,747
Textile mills	313	3,092	2,832	164	149	5,493	4,915
Textile product mills	314	6,732	7,764	153	146	4,772	4,314
Apparel manufacturing	315	10,368	7,337	197	166	5,017	4,245
Leather and allied products	316	1,392	1,315	37	33	1,134	1,035
Wood products	321	16,622	16,260	528	491	17,507	15,849
Paper	322	5,037	4,877	425	413	21,574	21,285
Printing and related support activities	323	33,281	32,697	632	627	25,436	25,194
Petroleum and coal products	324	2,408	2,373	104	104	8,510	8,357
Chemical	325	13,395	13,640	794	811	51,483	52,967
Plastics and rubber products	326	14,233	13,933	855	822	33,478	32,024
Nonmetallic mineral products	327	17,472	17,428	472	456	20,380	19,747
Primary metal	331	5,267	5,065	439	432	22,854	22,981
Fabricated metal products	332	59,637	60,086	1,566	1,588	67,401	70,734
Machinery	333	26,198	26,016	1,138	1,150	56,797	59,142
Computer and electronic products	334	14,478	14,204	1,043	1,015	72,847	69,681
Electrical equipment, appliance and components	335	6,144	6,193	406	404	18,545	18,880
Transportation equipment	336	12,857	12,800	1,574	1,527	85,876	83,573
Furniture and related products	337	21,717	20,833	517	489	17,492	16,568
Miscellaneous	339	31,160	30,652	681	650	31,153	30,415

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

Source: U.S. Census Bureau, "County Business Patterns," July 2010, <<http://www.census.gov/econ/cbp/>>.

Table 1010. Manufacturing—Establishments, Employees, and Annual Payroll by State: 2008

[(13,096 represents 13,096,000). Excludes most government employees, railroad employees, and self-employed persons. Data are for North American Industry Classification System (NAICS), 2007, codes 31–33. See Appendix III]

State	Establishments	Employees (1,000) ¹	Payroll (mil. dol.)	State	Establishments	Employees (1,000) ¹	Payroll (mil. dol.)
United States	326,216	13,096	622,307	Missouri	6,744	291	12,777
Alabama	4,926	279	11,574	Montana	1,320	20	799
Alaska	561	12	496	Nebraska	1,946	105	3,980
Arizona	4,959	166	8,696	Nevada	1,938	50	2,369
Arkansas	3,017	183	6,475	New Hampshire	2,053	83	4,860
California	43,240	1,384	74,419	New Jersey	8,957	284	15,895
Colorado	5,225	139	7,118	New Mexico	1,556	35	1,554
Connecticut	4,826	178	10,513	New York	18,251	511	24,258
Delaware	644	33	1,793	North Carolina	9,832	503	20,051
District of Columbia	123	2	84	North Dakota	759	28	1,134
Florida	13,867	342	14,829	Ohio	15,941	743	35,084
Georgia	8,571	398	15,852	Oklahoma	3,924	149	6,464
Hawaii	941	14	507	Oregon	5,648	182	8,250
Idaho	1,934	63	2,771	Pennsylvania	15,174	639	29,915
Illinois	15,378	645	32,274	Rhode Island	1,749	50	2,257
Indiana	8,867	524	23,873	South Carolina	4,373	257	10,763
Iowa	3,826	228	9,639	South Dakota	1,048	43	1,632
Kansas	3,171	183	8,442	Tennessee	6,600	364	15,388
Kentucky	4,107	248	10,587	Texas	20,820	849	43,319
Louisiana	3,485	143	7,677	Utah	3,374	124	5,588
Maine	1,773	59	2,560	Vermont	1,073	37	1,667
Maryland	3,527	122	6,503	Virginia	5,699	277	12,676
Massachusetts	7,560	264	15,390	Washington	7,561	253	13,407
Michigan	13,342	560	27,812	West Virginia	1,389	60	2,680
Minnesota	7,878	334	16,562	Wisconsin	9,583	483	22,281
Mississippi	2,565	163	6,018	Wyoming	591	11	593

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," July 2010, <<http://www.census.gov/econ/cbp/index.html>>.

Table 1011. Manufactures—Summary by Selected Industry: 2009

[11,051.3 represents 11,051,300. Based on the Annual Survey of Manufactures; see Appendix III]

Industry based on shipments	2002 NAICS code ¹	All employees			Production workers ² (1,000)	Value added by manufactures ³ (mil. dol.)	Value of shipments ⁴ (mil. dol.)
		Number ² (1,000)	Payroll				
			Total (mil. dol.)	Per employee (dol.)			
Manufacturing, total	31–33	11,051.3	534,262	48,344	7,571.0	1,978,017	4,436,196
Food ⁵	311	1,394.2	51,429	36,888	1,091.4	258,615	628,566
Grain and oil seed milling	3112	51.9	2,814	54,257	38.5	31,047	86,409
Sugar and confectionery products	3113	61.1	2,621	42,907	47.0	13,785	27,654
Fruit and vegetable preserving and specialty food	3114	167.2	6,302	37,701	139.4	29,032	64,629
Dairy products	3115	131.1	6,096	46,498	94.7	28,396	84,580
Animal slaughtering and processing	3116	491.5	15,000	30,518	429.0	53,674	164,220
Bakeries and tortilla	3118	257.6	9,097	35,308	171.6	35,242	59,449
Beverage and tobacco products	312	142.3	6,927	48,664	83.2	70,959	119,882
Beverage	3121	128.1	5,994	46,804	72.7	45,027	88,581
Textile mills	313	108.7	3,895	35,839	90.2	11,386	26,461
Textile product mills	314	112.5	3,426	30,457	86.8	9,066	21,261
Apparel	315	113.5	2,987	26,311	90.0	6,937	14,666
Cut and sew apparel	3152	89.1	2,320	26,023	70.5	5,326	11,477
Leather and allied products	316	27.9	835	29,962	20.4	2,058	4,188
Wood products ⁵	321	352.3	11,994	34,043	281.1	25,900	65,440
Sawmills and wood preservation	3211	75.8	2,761	36,415	62.6	6,025	18,882
Paper	322	363.8	18,873	51,875	283.2	76,531	161,816
Pulp, paper, and paperboard mills	3221	113.5	7,509	66,179	90.8	39,529	74,495
Converted paper products	3222	250.3	11,364	45,392	192.4	37,003	87,322
Printing and related support activities	323	509.0	21,152	41,559	362.7	50,502	83,861
Petroleum and coal products	324	101.6	8,421	82,920	66.6	78,559	497,875
Chemical ⁵	325	724.7	47,776	65,926	418.7	328,871	628,946
Basic chemical	3251	142.1	10,081	70,921	86.9	66,710	175,439
Pharmaceutical and medicine	3254	236.4	18,162	76,814	116.1	140,568	191,410
Soap, cleaning compound, and toilet preparation	3256	97.6	5,263	53,924	57.3	44,801	86,992
Plastics and rubber products	326	672.8	27,249	40,501	517.5	82,295	171,186
Plastics products	3261	549.7	21,790	39,636	422.3	67,345	138,685
Rubber product	3262	123.0	5,459	44,369	95.1	14,950	32,501
Nonmetallic mineral products	327	360.4	15,920	44,170	275.1	48,900	90,396
Glass and glass product	3272	80.8	3,804	47,086	63.5	11,043	20,403
Cement and concrete products	3273	170.0	7,260	42,700	129.7	21,642	41,393
Primary metal ⁵	331	354.8	18,204	51,304	273.9	48,170	168,298
Iron and steel mills and ferroalloy	3311	98.2	6,036	61,461	78.5	14,612	63,865
Foundries	3315	115.5	4,976	43,097	91.5	12,112	22,793
Fabricated metal products ⁵	332	1,296.6	57,606	44,429	933.3	146,876	281,317
Forging and stamping	3321	102.7	4,680	45,585	74.2	11,401	26,125
Architectural and structural metals	3323	329.4	14,165	43,001	231.5	34,030	71,022
Machine shops, turned product and screw, nut, and bolt	3327	321.0	14,355	44,726	239.1	30,156	48,937
Coating, engraving, heat treating, and allied activities	3328	111.1	4,405	39,642	83.4	11,567	20,300
Machinery ⁵	333	962.1	49,079	51,014	597.1	133,057	287,634
Agriculture, construction, and mining machinery	3331	180.4	8,961	49,681	120.1	31,666	75,886
Industrial machinery	3332	110.0	6,451	58,662	53.9	12,273	26,418
Ventilation, heating, air conditioning, and commercial refrigeration equipment	3334	126.1	5,367	42,570	85.7	15,971	34,646
Metalworking machinery	3335	129.6	6,504	50,183	90.4	11,970	20,605
Computer and electronic products ⁵	334	908.3	59,267	65,250	413.2	193,242	327,991
Computer and peripheral equipment	3341	90.4	5,152	56,992	29.7	25,974	52,530
Communications equipment	3342	115.3	8,040	69,736	46.1	24,941	45,164
Semiconductor and other electronic component	3344	293.5	16,505	56,228	178.1	58,361	96,460
Navigational, measuring, medical, and control instruments	3345	375.3	27,926	74,402	138.0	79,359	125,081
Electrical equipment, appliance, and component	335	352.9	16,626	47,107	237.9	50,498	106,651
Electrical equipment	3353	124.7	6,008	48,174	80.3	17,929	36,421
Other electrical equipment and component	3359	131.9	6,508	49,357	84.4	18,303	39,981
Transportation equipment ⁵	336	1,240.3	71,921	57,985	818.5	229,642	545,018
Motor vehicle	3361	123.5	7,927	64,195	103.3	41,968	149,900
Motor vehicle parts	3363	403.7	18,547	45,947	296.9	51,570	130,521
Aerospace product and parts	3364	429.8	31,626	73,587	222.8	99,173	178,924
Ship and boat building	3366	126.8	6,477	51,072	83.0	16,322	27,248
Furniture and related products ⁵	337	360.2	12,690	35,230	269.0	32,235	60,827
Miscellaneous ⁵	339	592.4	27,984	47,238	361.3	93,719	143,915
Medical equipment and supplies	3391	304.8	16,158	53,003	180.9	60,232	84,560

¹ North American Industrial 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.

Source: U.S. Census Bureau, Annual Survey of Manufactures, "Statistics for Industry Groups and Industries: 2009 and 2008," June 2010, <<http://www.census.gov/manufacturing/asm/index.html>>.

Table 1012. Manufactures—Summary by State: 2009

[11,051.3 represents 11,051,300. Data are for North American Industry Classification System (NAICS) 2002 codes 31–33. Sum of state totals may not add to U.S. total because U.S. and state figures were independently derived. See Appendix III]

State	All employees ¹			Production workers ¹		Value added by manufactures ²		Value of shipments ³ (mil. dol.)
	Number (1,000)	Payroll		Number (1,000)	Wages (mil. dol.)	Total (mil. dol.)	Per production worker (dol.)	
		Total (mil. dol.)	Per employee (dol.)					
United States	11,051.3	534,262	48,344	7,571.0	293,251	1,978,017	261,261	4,436,196
Alabama	224.0	9,747	43,513	167.6	6,269	36,184	215,889	90,531
Alaska	11.0	442	40,348	8.9	294	1,895	212,611	6,226
Arizona	134.2	7,752	57,763	77.3	3,302	23,938	309,821	47,376
Arkansas	152.3	5,720	37,566	120.4	3,946	19,208	159,553	49,324
California	1,196.0	63,629	53,200	737.4	28,681	225,082	305,224	443,487
Colorado	114.8	5,709	49,739	77.6	3,019	20,717	266,841	41,044
Connecticut	165.5	9,400	56,808	99.9	4,529	27,829	278,658	48,330
Delaware	29.3	1,501	51,145	19.1	776	6,257	327,987	19,956
District of Columbia	1.4	60	42,759	0.8	32	151	180,191	244
Florida	269.2	12,832	47,674	172.7	6,350	43,793	253,647	85,562
Georgia	327.4	13,617	41,584	246.3	8,499	53,437	216,985	120,614
Hawaii	11.7	455	38,957	7.3	242	1,703	233,320	5,956
Idaho	52.1	2,370	45,464	39.8	1,571	8,117	204,170	16,401
Illinois	550.2	27,012	49,090	371.8	14,220	97,756	262,928	216,068
Indiana	419.5	19,686	46,927	306.4	12,390	80,665	263,281	177,503
Iowa	191.8	8,789	45,812	137.1	5,161	35,798	261,122	82,801
Kansas	155.7	7,377	47,377	108.7	4,372	23,617	217,346	69,037
Kentucky	201.1	8,693	43,224	152.8	5,745	31,994	209,366	89,582
Louisiana	129.3	7,113	55,029	91.9	4,359	41,820	455,065	157,400
Maine	51.6	2,309	44,766	36.5	1,455	8,080	221,134	15,348
Maryland	109.9	6,043	54,986	68.9	2,830	20,848	302,588	37,713
Massachusetts	256.5	14,412	56,179	150.2	6,100	41,297	274,866	74,010
Michigan	437.9	21,623	49,383	307.3	12,894	71,019	231,085	160,063
Minnesota	297.4	14,523	48,827	192.7	7,294	46,048	238,977	99,816
Mississippi	140.7	5,496	39,054	107.6	3,581	21,223	197,254	52,483
Missouri	236.2	11,080	46,914	171.9	6,910	41,363	240,669	96,607
Montana	14.1	652	46,307	10.0	404	2,248	225,771	8,294
Nebraska	90.5	3,608	39,859	68.5	2,436	15,820	230,969	42,280
Nevada	42.1	2,132	50,682	26.4	986	7,664	290,083	14,049
New Hampshire	70.5	3,799	53,924	43.2	1,651	8,944	207,157	17,065
New Jersey	254.9	14,757	57,894	159.1	6,456	45,386	285,287	96,893
New Mexico	25.6	1,178	46,061	17.5	697	5,445	310,327	14,734
New York	446.2	21,493	48,168	291.2	10,903	80,668	277,008	145,906
North Carolina	409.0	16,748	40,952	303.8	10,247	84,451	277,947	165,971
North Dakota	22.0	894	40,717	16.2	538	3,548	218,406	9,755
Ohio	601.9	28,401	47,183	426.0	16,856	98,409	230,980	227,520
Oklahoma	127.4	5,637	44,233	92.1	3,435	22,886	248,488	56,447
Oregon	135.8	6,165	45,397	94.6	3,478	29,679	313,599	50,310
Pennsylvania	541.1	26,111	48,254	374.1	14,660	92,781	248,039	202,179
Rhode Island	39.0	1,978	50,699	24.8	953	4,632	187,114	9,622
South Carolina	196.1	8,605	43,879	146.3	5,434	31,477	215,124	73,525
South Dakota	37.9	1,467	38,746	27.4	912	4,933	180,326	12,279
Tennessee	292.8	12,595	43,014	210.8	7,589	48,282	229,043	112,861
Texas	753.7	38,493	51,070	508.2	21,266	174,881	344,139	481,827
Utah	103.4	4,970	48,047	67.1	2,625	18,962	282,543	37,783
Vermont	29.3	1,477	50,433	18.1	680	3,844	212,940	8,873
Virginia	235.4	11,039	46,891	166.5	6,425	48,658	292,224	85,107
Washington	235.3	12,493	53,089	154.8	6,777	42,628	275,408	98,909
West Virginia	50.9	2,383	46,794	37.8	1,498	9,307	246,067	21,816
Wisconsin	420.9	19,280	45,807	302.0	11,203	58,900	195,017	131,342
Wyoming	8.7	518	59,290	5.7	320	3,744	657,188	8,187

¹ Includes all full-time and part-time employees on the payrolls of operating manufacturing establishments during any part of the pay period that included the 12th of the month. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses. ² Value added is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments (products manufactured plus receipts for services rendered). The result of this calculation is adjusted by the addition of value added by merchandising operations (i.e., the difference between the sales value and the cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process between the beginning and end of year inventories. ³ Includes extensive and unmeasurable duplication from shipments between establishments in the same industry classification.

Source: U.S. Census Bureau, Annual Survey of Manufactures, "Geographic Area Statistics: 2008 and 2009," December 2010, <<http://www.census.gov/manufacturing/asm/index.html>>.

Table 1013. Manufacturing Industries—Employees by Industry: 1990 to 2010

[Annual averages of monthly figures (109,487 represents 109,487,000). Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. Minus sign (–) indicates decrease. See also head note, Table 632]

Industry	2007 NAICS code ¹	All employees (1,000)						Percent change	
		1990	2000	2005	2008	2009	2010	1990– 2000	2000– 2010
All industries	(X)	109,487	131,785	133,703	136,790	130,807	129,818	20.4	–1.5
Manufacturing	31–33	17,695	17,263	14,226	13,406	11,847	11,524	–2.4	–33.2
Percent of all industries	(X)	16	13	11	10	9	9	(X)	(X)
Durable goods	(X)	10,737	10,877	8,956	8,463	7,284	7,067	1.3	–35.0
Wood products ²	321	541	613	559	456	359	341	13.4	–44.4
Sawmills & wood preservation	3211	148	134	119	102	83	81	–9.6	–39.3
Nonmetallic mineral products ²	327	528	554	505	465	394	372	4.9	–32.9
Cement & concrete products	3273	195	234	240	220	185	172	20.1	–26.6
Primary metals ²	331	689	622	466	442	362	361	–9.7	–42.0
Iron & steel mills & ferroalloy production	3311	187	135	96	99	85	85	–27.7	–36.7
Steel products from purchased steel	3312	70	73	61	61	50	52	4.0	–29.1
Alumina & aluminum production	3313	108	101	73	66	56	55	–7.3	–45.4
Foundries	3315	214	217	164	148	113	111	1.4	–49.0
Fabricated metal products ²	332	1,610	1,753	1,522	1,528	1,312	1,285	8.9	–26.7
Architectural & structural metals	3323	357	428	398	406	345	320	20.0	–25.2
Machine shops & threaded products	3327	309	365	345	361	309	312	18.4	–14.6
Coating, engraving, & heat treating metals	3328	143	175	145	144	121	122	22.7	–30.2
Machinery ²	333	1,410	1,457	1,166	1,188	1,029	993	3.3	–31.9
Agricultural, construction, & mining machinery	3331	229	222	208	242	214	208	–2.8	–6.3
HVAC & commercial refrigeration equipment	3334	165	194	154	150	129	123	17.9	–36.5
Metalworking machinery	3335	267	274	202	191	158	153	2.5	–44.0
Turbine & power transmission equipment	3336	114	111	98	105	95	91	–2.4	–18.0
Other general purpose machinery	3339	336	344	269	274	237	226	2.4	–34.4
Computer & electronic products ²	334	1,903	1,820	1,316	1,244	1,137	1,100	–4.3	–39.6
Computer & peripheral equipment	3341	367	302	205	183	166	162	–17.8	–46.5
Communications equipment	3342	223	239	141	127	121	118	7.0	–50.5
Semiconductors & electronic components	3344	574	676	452	432	378	370	17.8	–45.3
Electronic instruments	3345	635	488	441	441	422	406	–23.2	–16.8
Electrical equipment & appliances ²	335	633	591	434	424	374	361	–6.7	–39.0
Electrical equipment	3353	244	210	152	159	145	136	–13.9	–35.0
Other electrical equipment & components	3359	195	191	136	137	121	118	–2.3	–38.1
Transportation equipment ²	336	2,135	2,057	1,772	1,608	1,348	1,330	–3.6	–35.4
Motor vehicles	3361	271	291	248	192	146	151	7.4	–48.1
Motor vehicle bodies & trailers	3362	130	183	171	140	104	108	40.8	–41.1
Motor vehicle parts	3363	653	840	678	544	414	415	28.6	–50.6
Aerospace products & parts	3364	841	517	455	507	492	477	–38.5	–7.7
Ship & boat building	3366	174	154	154	156	131	126	–11.3	–18.6
Furniture & related products ²	337	604	683	568	480	386	357	13.0	–47.6
Household & institutional furniture	3371	401	443	383	307	244	223	10.6	–49.6
Miscellaneous manufacturing	339	686	728	647	629	584	568	6.2	–22.0
Medical equipment & supplies	3391	283	305	300	311	307	302	7.7	–1.1
Other miscellaneous manufacturing	3399	403	423	347	318	278	266	5.1	–37.1
Nondurable goods	(X)	6,958	6,386	5,271	4,943	4,563	4,457	–8.2	–30.2
Food manufacturing ²	311	1,507	1,553	1,478	1,481	1,456	1,447	3.0	–6.8
Fruit & vegetable preserving & specialty	3114	218	197	174	173	172	171	–9.5	–13.1
Dairy products	3115	145	136	132	129	131	128	–5.9	–6.0
Animal slaughtering & processing	3116	427	507	504	510	497	490	18.6	–3.3
Bakeries & tortilla manufacturing	3118	292	306	280	281	273	276	4.9	–9.9
Beverages & tobacco products ²	312	218	207	192	198	187	182	–4.9	–11.9
Beverages	3121	173	175	167	177	169	166	1.2	–5.1
Textile mills ²	313	492	378	218	151	124	119	–23.1	–68.5
Fabric mills	3132	270	192	104	66	55	53	–29.0	–72.5
Textile product mills ²	314	236	230	176	147	126	119	–2.5	–48.4
Textile furnishings mills	3141	127	129	96	75	62	57	1.3	–55.3
Apparel ²	315	903	484	251	199	168	158	–46.4	–67.4
Cut & sew apparel	3152	750	380	193	155	132	125	–49.3	–67.2
Leather & allied products	316	133	69	40	33	29	28	–48.3	–59.6
Paper & paper products	322	647	605	484	445	407	397	–6.6	–34.4
Pulp, paper, & paperboard mills	3221	238	191	142	126	117	113	–19.7	–41.1
Converted paper products	3222	409	413	343	319	290	284	1.1	–31.2
Printing & related support activities	323	809	807	646	594	522	487	–0.2	–39.7
Petroleum & coal products	324	153	123	112	117	115	114	–19.4	–7.5
Chemicals ²	325	1,036	980	872	847	804	784	–5.3	–20.1
Basic chemicals	3251	249	188	150	152	145	142	–24.4	–24.4
Pharmaceuticals & medicines	3254	207	274	288	291	284	277	32.4	0.8
Soaps, cleaning compounds, and toiletries	3256	132	129	114	107	103	101	–2.4	–21.2
Plastics & rubber products ²	326	825	951	802	729	625	623	15.3	–34.5
Plastics products	3261	618	737	634	585	502	500	19.2	–32.2
Rubber products	3262	207	214	168	145	123	124	3.3	–42.2

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

Source: U.S. Bureau of Labor Statistics, Current Employment Statistics Program, "Employment, Hours, and Earnings—National," March, 2011, <<http://www.bls.gov/ces/home.htm>>.

Table 1014. Manufacturing Industries—Average Weekly Hours and Average Weekly Overtime Hours of Production Workers: 1990 to 2010

[Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month]

Industry	2007 NAICS code ¹	Average weekly hours of production workers					Average weekly overtime hours for production workers				
		1990	1995	2000	2005	2010	1990	1995	2000	2005	2010
Total	31–33	40.5	41.3	41.3	40.7	41.1	3.9	4.7	4.7	4.6	3.8
Durable goods	(X)	41.1	42.1	41.8	41.1	41.3	3.9	5.0	4.8	4.6	3.8
Wood products	321	40.4	41.0	41.0	40.0	39.1	3.3	3.9	4.1	4.1	3.0
Nonmetallic mineral products	327	40.9	41.8	41.6	42.2	41.7	5.0	5.7	6.1	6.3	4.7
Primary metals	331	42.1	43.4	44.2	43.1	43.7	4.6	5.7	6.5	6.3	5.7
Fabricated metal products	332	41.0	41.9	41.9	41.0	41.4	3.9	4.8	4.9	4.6	3.8
Machinery	333	42.1	43.5	42.3	42.1	42.1	4.0	5.3	5.1	5.0	3.9
Computer and electronic products	334	41.3	42.2	41.4	40.0	40.9	3.8	4.9	4.6	3.6	2.9
Electrical equipment and appliances	335	41.2	41.9	41.6	40.6	41.1	3.0	3.5	3.7	3.8	3.6
Transportation equipment ²	336	42.0	43.7	43.3	42.4	42.9	4.5	6.5	5.5	5.3	4.7
Furniture and related products	337	38.0	38.5	39.2	39.2	38.5	2.3	2.8	3.5	3.2	2.3
Miscellaneous manufacturing	339	39.0	39.2	39.0	38.7	38.7	3.0	3.4	3.1	3.3	2.8
Nondurable goods	(X)	39.6	40.1	40.3	39.9	40.8	3.9	4.3	4.5	4.4	3.8
Food manufacturing	311	39.3	39.6	40.1	39.0	40.7	4.4	4.6	5.0	4.7	4.5
Beverages and tobacco products	312	38.9	39.3	42.0	40.1	37.5	3.8	4.8	5.8	5.7	2.2
Textile mills	313	40.2	40.9	41.4	40.3	41.3	4.2	5.0	4.8	3.9	3.3
Textile product mills	314	38.5	38.6	38.7	38.9	39.0	2.9	3.3	3.4	4.3	2.4
Apparel	315	34.7	35.3	35.7	35.8	36.6	2.0	2.2	2.1	2.1	1.1
Leather and allied products	316	37.4	37.7	37.5	38.4	39.1	4.0	4.0	4.6	2.2	2.9
Paper and paper products	322	43.6	43.4	42.8	42.5	42.9	4.9	5.5	5.7	5.6	4.9
Printing and related support activities	323	38.7	39.1	39.2	38.4	38.2	3.6	3.8	3.7	3.3	2.2
Petroleum and coal products	324	44.4	43.7	42.7	45.5	43.0	6.2	6.3	6.5	8.5	6.4
Chemicals	325	42.8	43.3	42.2	42.3	42.2	4.9	5.6	5.0	4.7	3.6
Plastics and rubber products	326	40.6	41.1	40.8	40.0	41.9	3.4	3.9	4.0	4.0	4.0

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

Source: U.S. Bureau of Labor Statistics, Current Employment Statistics, "Employment Hours, and Earnings—National," March 2011, <<http://www.bls.gov/ces/data.htm>>.

Table 1015. Indexes of Employment and Hours of All Persons in Manufacturing: 1990 to 2010

[2002 = 100. Based on Current Employment Statistics and supplemented with Current Population Survey. Employment and hours of all persons include those of paid employees, the self employed (partners and proprietors), and unpaid family workers. See text, section 12]

Industry	2007 NAICS code ¹	Employment					Hours				
		1990	1995	2000	2005	2010	1990	1995	2000	2005	2010
Food manufacturing	311	99.0	102.6	101.6	97.0	94.6	98.5	102.7	103.0	95.6	97.4
Beverage and tobacco products	312	104.3	96.5	99.1	92.2	88.3	106.0	96.7	107.6	93.9	85.6
Textile mills	313	166.1	158.4	128.0	74.2	42.6	164.4	160.6	130.3	74.0	42.8
Textile product mills	314	113.9	117.1	109.5	87.0	58.6	113.6	116.8	109.6	85.8	60.1
Apparel manufacturing	315	250.7	221.0	135.2	72.6	48.4	239.7	214.7	133.1	71.4	49.0
Leather and allied products	316	228.7	182.8	124.2	74.8	53.2	231.1	187.9	127.9	78.7	55.0
Wood product manufacturing	321	99.5	106.4	111.8	101.7	63.3	100.3	108.7	114.7	101.6	61.2
Paper manufacturing	322	118.0	116.7	110.3	88.4	72.5	122.3	120.4	112.6	89.7	74.1
Printing and related support activities	323	116.7	118.1	114.4	91.8	70.6	117.1	119.8	115.8	91.5	69.1
Petroleum and coal products	324	128.8	117.9	103.7	94.0	95.7	132.6	119.7	103.0	98.3	96.1
Chemical manufacturing	325	111.8	106.7	106.2	94.9	85.2	111.3	108.9	104.6	94.1	84.7
Plastics and rubber products	326	97.8	108.2	112.4	95.0	73.6	97.5	109.6	112.9	93.4	75.2
Nonmetallic mineral products	327	102.8	101.1	107.3	97.7	73.0	100.3	100.2	105.8	97.3	72.9
Primary metal products	331	135.7	126.3	122.0	91.8	71.0	134.7	129.6	127.2	93.8	73.2
Fabricated metal products	332	104.8	105.1	112.7	98.7	83.6	105.6	108.2	116.3	99.3	84.5
Machinery manufacturing	333	115.5	118.1	118.4	94.8	80.7	118.0	125.5	122.9	97.4	83.9
Computer and electronic products	334	127.6	113.1	121.6	87.5	73.3	132.1	120.5	126.1	88.5	75.4
Electrical equipment and appliances	335	127.7	119.4	119.0	87.9	72.8	130.9	124.8	123.4	89.1	74.6
Transportation equipment	336	116.4	107.8	112.3	96.5	72.8	115.3	110.0	114.1	96.3	73.3
Furniture and related products	337	100.3	101.1	111.1	94.9	59.5	97.3	99.5	111.0	95.3	57.8
Miscellaneous manufacturing	339	101.8	104.3	107.2	96.8	83.0	101.0	104.2	106.9	95.7	82.6

¹ North American Industry Classification System, 2007; see text, Section 15.

Source: Bureau of Labor Statistics, Labor Productivity and Costs, "Industry Employment and Hours," <<http://www.bls.gov/LpC/iphours10.htm>>.

Table 1016. Average Hourly Earnings of Production Workers in Manufacturing Industries by State: 2007 to 2010

[In dollars. Data are based on the North American Industry Classification System (NAICS), 2007. Based on the Current Employment Statistics Program; see headnote, Table 632, and Appendix III]

State	2007	2008	2009	2010	State	2007	2008	2009	2010
United States	17.26	17.75	18.24	18.61	Missouri	16.99	17.70	18.47	18.45
Alabama	15.75	15.68	15.43	15.72	Montana	15.88	16.66	16.85	17.10
Alaska	16.37	16.39	18.57	20.45	Nebraska	15.19	15.26	16.06	16.13
Arizona	15.61	16.44	17.14	17.00	Nevada	15.54	15.53	15.61	15.51
Arkansas	14.06	14.16	14.07	13.87	New Hampshire	17.09	17.30	17.37	17.81
California	16.28	16.79	17.80	18.95	New Jersey	17.22	17.89	18.31	18.78
Colorado	17.77	19.79	21.23	22.07	New Mexico	14.40	14.72	14.59	15.76
Connecticut	20.63	21.42	23.03	23.68	New York	18.49	18.58	18.54	18.39
Delaware	17.83	17.66	17.69	16.53	North Carolina	15.08	15.49	15.88	15.85
District of Columbia	(NA)	(NA)	(NA)	(NA)	North Dakota	14.70	15.15	15.56	15.92
Florida	16.12	18.30	19.60	19.41	Ohio	19.35	19.35	18.63	18.66
Georgia	14.88	14.83	15.43	16.64	Oklahoma	14.56	14.74	14.76	14.33
Hawaii	17.06	18.93	19.06	18.58	Oregon	16.45	16.92	17.69	17.60
Idaho	19.01	19.95	20.30	20.69	Pennsylvania	15.48	15.61	16.28	16.88
Illinois	16.47	16.44	16.61	16.92	Rhode Island	13.78	13.94	14.12	14.71
Indiana	18.70	18.47	18.96	18.52	South Carolina	15.72	15.92	16.29	16.52
Iowa	16.84	16.63	16.73	16.73	South Dakota	14.27	14.64	14.82	15.28
Kansas	18.07	18.73	19.09	18.86	Tennessee	14.39	14.71	14.73	15.32
Kentucky	16.92	17.38	18.11	18.94	Texas	14.07	13.78	14.39	14.50
Louisiana	19.34	19.98	20.49	21.31	Utah	16.71	17.86	18.15	18.46
Maine	19.19	19.71	19.97	20.18	Vermont	16.49	16.51	16.41	16.63
Maryland	17.65	18.04	18.77	20.06	Virginia	17.60	18.33	18.69	19.12
Massachusetts	19.26	20.33	20.66	20.50	Washington	20.51	21.06	23.39	23.48
Michigan	22.06	22.11	21.56	21.77	West Virginia	18.71	19.02	18.69	18.11
Minnesota	17.39	17.74	18.60	18.87	Wisconsin	17.37	17.94	18.14	18.10
Mississippi	13.79	14.43	14.64	14.83	Wyoming	18.02	20.36	20.71	20.49

NA Not available.

Source: U.S. Bureau of Labor Statistics, Current Employment Statistics, "State and Metro Area Employment, Hours, and Earnings (SAE)," March, 2010, <<http://www.bls.gov/sae/#data.htm>>.

Table 1017. Manufacturing Full-Time Equivalent (FTE) Employees and Wages by Industry: 2000 to 2009

[123,409 represents 123,409,000. Based on National Income and Product Account tables. Full-time equivalent employees equals the number of employees on full-time schedules plus the number of employees for part-time schedules converted to full-time basis]

Industry	2002 NAICS code ¹	Full-time equivalent (FTE) employees (1,000)				Wage and salary accruals per (FTE) worker (dol.)			
		2000	2005	2008	2009	2000	2005	2008	2009
Domestic industries, total.	(X)	123,409	125,444	128,505	121,805	39,157	45,537	51,059	51,615
Manufacturing	31-33	16,948	13,954	13,149	11,529	43,933	50,909	56,373	57,374
Percent of all industries	(X)	13.7	11.1	10.2	9.5	112.2	111.8	110.4	111.2
Durable goods	(X)	10,713	8,820	8,333	7,104	46,559	53,124	59,001	60,201
Wood products	321	602	549	446	348	30,350	36,003	37,586	37,899
Nonmetallic mineral products	327	549	494	456	377	38,987	45,741	48,843	49,117
Primary metals	331	611	460	434	353	45,714	53,287	60,070	57,233
Fabricated metal products	332	1,735	1,499	1,506	1,274	37,748	43,660	49,421	49,214
Machinery	333	1,427	1,142	1,167	997	46,577	53,650	59,031	59,505
Computer and electronic products	334	1,779	1,293	1,231	1,118	70,397	78,666	86,396	87,610
Electrical equipment, appliances, and components	335	583	428	413	364	40,204	48,883	55,633	56,275
Motor vehicles, bodies and trailers, and parts	3361-3363	1,301	1,095	875	665	48,846	54,026	57,157	57,483
Other transportation equipment	3364-3365	740	671	724	672	53,341	65,931	73,433	77,051
Furniture and related products	337	671	553	470	373	29,571	34,770	38,473	39,009
Miscellaneous manufacturing	339	715	636	612	562	38,724	46,725	53,433	54,597
Nondurable goods	(X)	6,235	5,134	4,816	4,425	39,423	47,103	51,824	52,838
Food and beverage and tobacco products	311-312	1,727	1,617	1,620	1,578	33,922	39,271	42,640	43,092
Textile mills and textile product mills	313-314	588	372	293	240	29,012	34,280	36,704	37,210
Apparel and leather and allied products	315	539	288	225	189	24,198	31,698	36,713	36,914
Paper products	322	598	469	430	393	45,813	53,815	58,289	59,031
Printing and related support activities	323	757	626	579	509	39,141	42,738	45,757	44,975
Petroleum and coal products	324	120	110	115	113	62,322	82,161	94,116	93,163
Chemical products	325	967	862	837	787	61,230	72,920	79,916	82,637
Plastics and rubber products	326	938	788	717	615	35,605	41,181	44,872	45,791

X Not applicable. ¹ North American Industry Classification System, 2002; see text, Section 15.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August 2010. See also <<http://www.bea.gov/national/nipaweb/SelectTable.asp?Selected=N>>.

Table 1018. Manufacturers' Shipments, Inventories, and New Orders: 1995 to 2010

[In billions of dollars (3,480 represents \$3,480,000,000,000), except ratio. Based on the Manufacturers' Shipments, Inventories, and Orders (M3) survey. See source for details]

Year	Shipments	Inventories (December 31) ¹	Ratio of inventories to shipments ²	New orders	Unfilled orders (December 31)
1995	3,480	415	1.46	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	3,865	502
2002	3,915	412	1.30	3,819	468
2003	4,015	398	1.22	3,971	490
2004	4,309	429	1.23	4,283	537
2005	4,742	461	1.20	4,756	626
2006	5,016	509	1.25	5,078	759
2007	5,319	547	1.27	5,390	902
2008	5,468	536	1.21	5,438	942
2009	4,436	499	1.39	4,234	799
2010	4,820	542	1.39	4,779	829

¹ Inventories are stated at current cost. ² Ratio based on December seasonally adjusted inventory data.

Source: Census Bureau, Manufacturers' Shipments, Inventories, and Orders, "Historical Data," <http://www.census.gov/manufacturing/m3/historical_data/index.html>.

Table 1019. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments by Industry Group: 2000 to 2010

[Based on the Manufacturers' Shipments, Inventories, and Orders (M3) survey. See source for details]

Industry	2007 NAICS code ¹	Ratios						
		2000	2005	2006	2007	2008	2009	2010
INVENTORIES-TO-SHIPMENTS RATIO ²								
All manufacturing industries	(X)	1.37	1.20	1.25	1.27	1.21	1.39	1.39
Durable goods	(X)	1.55	1.40	1.49	1.50	1.53	1.76	1.82
Wood products	321	1.32	1.28	1.26	1.37	1.40	1.47	1.54
Nonmetallic mineral products	327	1.23	1.10	1.12	1.18	1.29	1.38	1.36
Primary metals	331	1.68	1.54	1.69	1.61	1.48	1.87	1.67
Fabricated metals	332	1.56	1.53	1.61	1.56	1.56	1.67	1.79
Machinery	333	2.08	1.77	1.89	1.84	1.91	2.09	2.02
Computers and electronic products	334	1.54	1.45	1.43	1.38	1.39	1.59	1.51
Electrical equipment, appliances, and components	335	1.44	1.36	1.48	1.48	1.47	1.52	1.56
Transportation equipment	336	1.35	1.17	1.33	1.40	1.51	1.91	2.24
Furniture and related products	337	1.36	1.18	1.13	1.13	1.05	1.16	1.29
Miscellaneous products	339	1.90	1.70	1.60	1.69	1.67	1.70	1.73
Nondurable goods	(X)	1.14	0.98	1.00	1.04	0.91	1.06	1.03
Food products	311	0.88	0.75	0.81	0.83	0.76	0.79	0.79
Beverages and tobacco products	312	1.51	1.39	1.48	1.46	1.52	1.67	1.47
Textile mills	313	1.48	1.19	1.25	1.33	1.40	1.35	1.31
Textile product mills	314	1.75	1.19	1.18	1.37	1.51	1.47	1.58
Apparel	315	1.89	1.51	1.26	1.60	1.49	1.55	1.88
Leather and allied products	316	2.12	1.73	1.92	2.11	2.07	2.15	2.67
Paper products	322	1.11	1.08	1.07	1.03	1.04	1.00	0.96
Printing	323	0.80	0.80	0.80	0.79	0.79	0.76	0.78
Petroleum and coal products	324	0.71	0.75	0.72	0.87	0.55	0.95	0.88
Basic chemicals	325	1.40	1.18	1.23	1.20	1.16	1.27	1.22
Plastics and rubber products	326	1.21	1.15	1.15	1.21	1.20	1.26	1.29
UNFILLED ORDERS-TO-SHIPMENTS RATIO								
All manufacturing industries	(X)	1.57	1.59	1.82	2.04	2.07	2.17	2.07
Durable goods	(X)	2.78	3.12	3.57	4.04	4.32	4.62	4.52
Primary metals	331	2.42	1.91	1.81	1.79	1.25	1.74	1.78
Fabricated metals	332	5.58	2.55	2.61	2.60	2.47	2.58	2.59
Machinery	333	4.68	2.47	2.82	2.98	3.15	3.23	3.64
Computers and electronic products	334	5.84	3.59	3.79	3.85	3.95	4.42	4.08
Electrical equipment, appliances, and components	335	0.76	2.05	2.38	2.29	2.10	2.18	2.52
Transportation equipment	336	6.15	5.78	7.29	8.73	10.51	10.80	10.83
Furniture and related products	337	0.69	1.17	1.12	1.16	1.09	1.24	1.31
Miscellaneous products	339	0.11	0.16	0.14	0.14	0.11	0.09	0.13

X Not applicable. ¹ Based on the North American Industry Classification System, 2007; see text, this section and Section 15.

² Ratio based on December seasonally adjusted inventory data.

Source: Census Bureau, Manufacturers' Shipments, Inventories, and Orders, "Historical Data," <http://www.census.gov/manufacturing/m3/historical_data/index.html>.

Table 1020. Value of Manufacturers' Shipments, Inventories, and New Orders by Industry: 2000 to 2010

[In billions of dollars (4,209 represents \$4,209,000,000,000). Based on the Manufacturers' Shipments, Inventories, and Orders (M3) survey. See source for details]

Industry	2007 NAICS code ¹	2000	2005	2007	2008	2009	2010
SHIPMENTS							
All manufacturing industries	(X)	4,209	4,742	5,319	5,468	4,436	4,820
Durable goods	(X)	2,374	2,425	2,687	2,620	2,077	2,206
Wood products	321	94	112	102	88	65	66
Nonmetallic mineral products	327	97	115	128	115	90	92
Primary metals	331	157	203	257	283	168	221
Fabricated metals	332	268	289	345	358	281	283
Machinery	333	292	303	351	356	288	316
Computers and electronic products	334	511	373	396	384	328	364
Electrical equipment, appliances, and components	335	125	112	129	130	107	115
Transportation equipment	336	640	691	746	673	545	538
Furniture and related products	337	75	84	85	80	61	62
Miscellaneous products	339	115	143	149	153	144	150
Nondurable goods	(X)	1,835	2,317	2,632	2,848	2,359	2,614
Food products	311	435	532	590	650	629	664
Beverages and tobacco products	312	112	124	128	125	120	132
Textile mills	313	52	42	36	32	26	30
Textile product mills	314	34	35	29	27	21	22
Apparel	315	60	31	24	19	15	15
Leather and allied products	316	10	6	5	5	4	4
Paper products	322	165	162	177	179	162	172
Printing	323	104	97	103	99	84	84
Petroleum and coal products	324	235	476	615	770	498	633
Basic chemicals	325	449	611	716	739	629	677
Plastics and rubber products	326	178	200	209	204	171	182
INVENTORIES (December 31)							
All manufacturing industries	(X)	470	461	547	536	499	542
Durable goods	(X)	298	276	326	326	296	325
Wood products	321	10	12	11	10	8	8
Nonmetallic mineral products	327	10	10	12	12	10	10
Primary metals	331	22	26	34	35	26	30
Fabricated metals	332	34	36	44	46	39	41
Machinery	333	49	43	52	55	49	52
Computers and electronic products	334	63	44	44	43	43	45
Electrical equipment, appliances, and components	335	15	12	15	16	13	14
Transportation equipment	336	69	65	84	82	84	97
Furniture and related products	337	8	8	8	7	6	6
Miscellaneous products	339	18	20	20	21	20	21
Nondurable goods	(X)	172	185	221	211	203	217
Food products	311	32	33	41	41	41	44
Beverages and tobacco products	312	14	14	16	16	17	16
Textile mills	313	6	4	4	4	3	3
Textile product mills	314	5	3	3	3	3	3
Apparel	315	9	4	3	2	2	2
Leather and allied products	316	2	1	1	1	1	1
Paper products	322	15	14	15	15	13	14
Printing	323	6	6	6	6	5	5
Petroleum and coal products	324	13	27	41	32	36	43
Basic chemicals	325	52	59	70	70	65	67
Plastics and rubber products	326	18	19	21	20	18	19
NEW ORDERS							
All manufacturing industries	(X)	4,161	4,756	5,390	5,438	4,234	4,779
Durable goods	(X)	2,327	2,439	2,758	2,590	1,875	2,165
Wood products	321	94	112	102	88	65	66
Nonmetallic mineral products	327	97	115	128	115	90	92
Primary metals	331	154	209	260	274	164	229
Fabricated metals	332	270	298	351	357	268	283
Machinery	333	295	312	361	362	272	334
Computers and electronic products	334	436	302	327	313	263	296
Electrical equipment, appliances, and components	335	126	115	130	129	103	120
Transportation equipment	336	663	750	866	720	445	534
Furniture and related products	337	75	85	85	79	60	62
Miscellaneous products	339	117	142	149	153	144	151
Nondurable goods	(X)	1,835	2,317	2,632	2,848	2,359	2,614

X Not applicable. ¹ Based on the North American Industry Classification System, 2007; see text, this section and Section 15.

Source: Census Bureau, Manufacturers' Shipments, Inventories, and Orders, "Historical Data," <http://www.census.gov/manufacturing/m3/historical_data/index.html>.

Table 1021. Value of Manufacturers' Shipments, Inventories, and New Orders by Market Grouping: 2000 to 2010

[In millions of dollars (4,209 represents \$4,209,000,000,000). Based on the Manufacturers' Shipments, Inventories, and Orders (M3) survey. See source for details]

Market grouping	2000	2005	2006	2007	2008	2009	2010
SHIPMENTS							
All manufacturing industries	4,209	4,742	5,016	5,319	5,468	4,436	4,820
Consumer goods	1,501	1,895	1,980	2,106	2,253	1,845	2,040
Consumer durable goods	391	423	422	422	359	273	285
Consumer nondurable goods	1,109	1,473	1,558	1,684	1,893	1,572	1,755
Aircraft and parts	112	114	125	157	162	157	139
Defense aircraft and parts	25	37	39	43	57	63	59
Nondefense aircraft and parts	87	77	86	114	105	94	80
Construction materials and supplies	445	510	547	560	544	428	428
Motor vehicles and parts	471	501	500	501	413	302	321
Computers and related products	110	65	67	65	66	53	64
Information technology industries	400	295	320	323	315	271	292
Nondefense capital goods	808	731	795	837	839	702	754
Excluding aircraft	758	687	744	768	772	641	706
Defense capital goods	67	91	89	99	115	125	114
Durables excluding capital goods	1,498	1,603	1,678	1,751	1,666	1,250	1,339
INVENTORIES (December 31)							
All manufacturing industries	470	461	509	547	536	499	542
Consumer goods	128	140	148	166	154	154	166
Consumer durable goods	26	27	26	27	24	21	25
Consumer nondurable goods	102	113	122	139	130	133	142
Aircraft and parts	36	33	39	48	48	53	63
Defense aircraft and parts	9	12	12	14	12	14	14
Nondefense aircraft and parts	27	22	26	34	36	39	50
Construction materials and supplies	49	53	59	61	60	51	52
Motor vehicles and parts	22	23	26	25	22	19	23
Computers and related products	8	4	5	5	5	5	5
Information technology industries	51	38	39	38	37	37	39
Nondefense capital goods	127	108	119	128	133	128	144
Excluding aircraft	107	90	99	102	105	96	102
Defense capital goods	17	16	17	18	17	20	20
Durables excluding capital goods	154	152	174	180	176	148	162
NEW ORDERS							
All manufacturing industries	4,161	4,756	5,078	5,390	5,438	4,234	4,779
Consumer goods	1,502	1,894	1,979	2,106	2,251	1,844	2,040
Consumer durable goods	393	421	421	422	358	273	286
Consumer nondurable goods	1,109	1,473	1,558	1,684	1,893	1,572	1,755
Aircraft and parts	131	175	200	268	205	79	146
Defense aircraft and parts	31	34	41	45	62	56	60
Nondefense aircraft and parts	99	141	159	224	143	23	86
Construction materials and supplies	447	517	550	566	544	420	431
Motor vehicles and parts	468	503	503	499	411	300	321
Computers and related products	108	64	67	65	66	53	64
Information technology industries	410	301	334	326	315	266	296
Nondefense capital goods	831	811	888	958	878	604	774
Excluding aircraft	768	701	771	784	776	617	722
Defense capital goods	80	82	103	104	126	105	111
Durables excluding capital goods	1,416	1,547	1,635	1,696	1,586	1,166	1,280

Source: Census Bureau, Manufacturers' Shipments, Inventories, and Orders, "Historical Data," <http://www.census.gov/manufacturing/m3/historical_data/index.html>.

Table 1022. Finances and Profits of Manufacturing Corporations: 2000 to 2010

[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 794 for individual industry data. Minus sign (-) indicates loss]

Item	2000 ¹	2001 ¹	2001 ²	2004 ²	2005 ²	2006 ²	2007 ²	2008 ³	2009 ³	2010 ³
Net sales	4,548	4,308	4,295	4,934	5,411	5,783	6,060	6,374	5,110	5,773
Net operating profit	348	185	186	320	359	405	416	358	289	421
Net profit:										
Before taxes	381	82	83	447	524	605	603	388	361	585
After taxes	275	36	36	348	401	470	443	266	286	478
Cash dividends	132	102	103	143	179	178	178	182	172	183
Net income retained in business	143	-67	-66	205	222	292	265	84	115	295

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, Trade, and Selected Service Industries*. See also 2010 Fourth Quarter Press Release, March 2011, <<http://www.census.gov/econ/qfr/>>.

Table 1023. Manufacturing Corporations—Assets and Profits by Asset Size: 1990 to 2010

[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 (SIC); 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 1988 to \$50 million and 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 source, fourth quarter report. Minus sign (–) indicates loss]

Year	Total	Asset-size class						
		Under \$10 million ¹	\$10 to \$25 million	\$25 to \$50 million	\$50 to \$100 million	\$100 to \$250 million	\$250 million to \$1 billion	\$1 billion and over
Assets:								
1990.....	2,629,458	142,498	74,477	55,914	72,554	123,967	287,512	1,872,536
1995.....	3,345,229	155,618	87,011	68,538	87,262	159,133	370,263	2,417,403
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.....	6,819,681	180,225	99,430	80,757	98,478	137,907	420,104	5,802,981
2009.....	6,942,972	166,590	106,773	71,642	76,308	126,202	413,856	5,981,600
2010.....	7,441,125	168,395	108,747	75,186	83,095	131,122	408,420	6,466,158
Net profit: ³								
1990.....	110,128	8,527	5,160	2,769	2,661	3,525	7,110	80,377
1995.....	198,151	13,224	5,668	3,767	5,771	7,000	16,549	146,172
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.....	266,346	18,182	7,472	5,820	3,739	3,403	2,239	225,492
2009.....	286,491	9,692	5,979	4,617	2,500	2,723	2,653	258,310
2010.....	477,745	17,174	9,109	4,300	5,746	5,577	19,983	415,854

¹ Excludes estimates for corporations with less than \$250,000 in assets at time of sample selection. ² Beginning 2001, data reported based on the North American Industry Classification System. ³ After taxes.

Source: U.S. Census Bureau, *Quarterly Financial Report for Manufacturing, Mining, Trade, and Selected Service Industries*. See also 2010 Fourth Quarter Press Release, March 2011, <<http://www.census.gov/econ/qfr>>.

Table 1024. Manufacturing Corporations—Selected Finances: 1990 to 2010

[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 head note, Table 1023. Minus sign (–) indicates loss]

Year	All manufacturing corporations			Durable goods			Nondurable goods		
	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
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.....	6,374	388	266	2,970	98	43	3,405	290	223
2009.....	5,110	361	286	2,427	84	55	2,683	276	232
2010.....	5,773	585	478	2,719	288	233	3,054	297	245

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 based on the North American Industry Classification System.

Source: U.S. Census Bureau, *Quarterly Financial Report for Manufacturing, Mining, Trade, and Selected Service Industries*. See also 2010 Fourth Quarter Press Release, March 2011, <<http://www.census.gov/econ/qfr>>.

Table 1025. Cotton, Wool, and Man-Made Fibers—Consumption by End Use: 2005 to 2009

[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 1026. Textiles—Production and Foreign Trade: 2009

[515,985 represents 515,985,000. Fabric blends as shown in the report are reported based on the chief weight of the fiber; whereas, fabrics blends as shown for imports and exports are based on the chief value of the fiber]

Product description	Unit	Quantity (1,000)			Value (\$1,000)	
		Manuf- turers' produc- tion	Exports of domestic merchan- dise ¹	Imports for con- sump- tion ²	Exports of domestic merchan- dise ¹	Imports for con- sump- tion ^{2, 3}
YARN						
Spun cotton yarns, carded, 85 percent or more cotton	Kilograms . . .	515,985	255,368	12,355	632,805	60,167
Textured, crimped, twisted, or bulked filament yarns, nylon	Kilograms . . .	615,141	19,098	55,870	92,232	238,163
Textured, crimped, twisted, or bulked filament yarns, polyester	Kilograms . . .	247,430	23,544	32,067	72,493	67,808
BROADWOVEN FABRICS ⁴						
Yarn dyed fabrics, blue denim	Sq. meters . . .	127,838	108,431	30,566	215,227	79,734
85 percent or more spun yarn fabrics and blends (except yarn dyed), chiefly man made fiber, twills and sateens ⁵	Sq. meters . . .	135,460	(NA)	21,318	(NA)	24,853
85 percent or more filament yarn fabrics, man made, high tenacity yarn fabrics of nylon, polyester, or rayon	Sq. meters . . .	115,880	21,587	13,013	69,008	44,297
85 percent or more filament yarn fabrics, man made, glass fiber fabrics	Sq. meters . . .	175,554	34,810	47,270	125,735	66,841
85 percent or more filament yarn fabrics, all other man made filament fiber fabrics, including saran, olefin, and carpet backing	Sq. meters . . .	587,716	18,741	484,462	49,090	133,247
KNIT FABRICS						
Pile fabrics	Kilograms . . .	8,460	(S)	116,728	(S)	147,119
Elastic fabrics (over 12 inches in width) (weight 5 percent or more elastomeric yarn or rubber thread)	Kilograms . . .	8,942	(S)	19,251	(S)	159,173
Elastic fabrics (12 inches or less in width) (weight 5 percent or more elastomeric yarn or rubber thread)	Kilograms . . .	4,634	(S)	658	(S)	4,982

NA Not available. S Withheld because estimate did not meet publication standards ¹ Source: U.S. Census Bureau report EM 545, *U.S. Exports*. ² Source: U.S. Census Bureau report IM 145, *U.S. Imports for Consumption*. ³ 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. ⁴ Represents production of gray broad woven fabrics; import and export data represent gray as well as finished broad woven fabrics. ⁵ Total for man made fiber fabrics does not include chiefly man made/wool blends.

Source: U.S. Census Bureau, Current Industrial Reports, "Textiles," Series MQ313A, <<http://www.census.gov/cir/www/313/mq313a.html>>.

Table 1027. Pharmaceutical Preparations—Value of Shipments: 1990 to 2009

[In millions of dollars (33,954 represents \$33,954,000,000)]

Product description	Product code	1990	2000	2005	2006	2007	2008	2009
Pharmaceutical preparations, except biologicals	(X)	33,954	79,262	118,647	123,118	(NA)	(NA)	(NA)
Affecting neoplasms, endocrine systems, and metabolic disease	3254121	2,743	9,784	23,779	25,721	28,497	33,260	33,791
Acting on the central nervous system and sense organs	3254124	7,219	18,508	25,627	29,882	28,714	26,430	29,605
Acting on the cardiovascular system	3254127	4,815	8,993	10,232	10,874	11,969	11,543	12,963
Acting on the respiratory system	325412A	3,724	10,179	16,367	18,350	16,177	16,573	16,618
Acting on the digestive system	325412D	4,840	10,046	16,829	11,775	9,822	9,949	10,983
Acting on the skin	325412G	1,558	2,941	3,657	3,303	3,498	3,635	3,797
Vitamin, nutrient, and hematitic preparations	325412L	2,588	5,676	7,556	7,711	8,062	8,749	9,033
Affecting parasitic and infective disease	325412P	5,411	11,037	11,228	11,693	11,014	9,403	10,147
Pharmaceutical preparations for veterinary use	325412T	1,057	2,096	3,371	3,808	3,206	3,280	2,970

NA Not available. X Not applicable.

Source: U.S. Census Bureau, Current Industrial Reports, "Pharmaceutical Preparations, Except Biologicals," Series MA325G, <http://www.census.gov/manufacturing/cir/historical_data/ma325g/index.html>.**Table 1028. Inorganic Chemicals and Fertilizers—Production: 2000 to 2009**

[In 1,000 short tons (15,809 represents 15,809,000.) 1,000 short tons = 2,000 lb.]

Product description	Product code	2000	2005	2006	2007	2008	2009
FERTILIZERS MQ325B							
Ammonia, synthetic anhydrous	3253111120	15,809	11,181	10,981	11,448	10,549	10,330
Ammonium nitrate (original melt liquor)	3253111201	7,979	7,212	7,068	8,236	7,841	6,943
Ammonium sulfate	3253111240	2,808	2,906	2,870	3,145	2,783	2,499
Urea (original melt liquor)(100%)	3253114101	7,682	5,807	5,934	6,156	5,776	5,604
Nitric acid (100%)	3253111111	8,708	7,398	7,245	8,623	7,370	6,531
Phosphoric acid (100% P2O5)	3253121111	12,492	12,621	11,797	12,081	10,158	9,542
Sulfuric acid, (100%)	3251881100	43,643	40,996	39,578	39,745	34,855	32,126
Superphosphates and other fertilizer materials (100% P2O5)	3253124102	8,899	8,141	7,184	7,241	6,014	6,142
INORGANIC CHEMICALS MQ325A							
Chlorine gas (100 percent)	3251811111	14,000	10,272	12,443	11,895	10,673	9,391
Sodium hydroxide, liquid (caustic soda) (100 percent) all process: liquid ²	3251814111	11,523	8,517	9,735	8,869	8,111	7,242
Potassium hydroxide (caustic potash) (88-92 percent) liquid ²	3251817111	539	527	610	621	582	404
Finished sodium bicarbonate (58 percent) NaHCO ₃	3251817131	536	581	644	663	682	641
Hydrochloric acids (100 percent) by product and other ³	3251884131	4,717	4,619	4,391	4,331	3,902	3,584
Aluminum oxide, except natural alumina (100 percent Al ₂ O ₃)	3313110100	(D)	(D)	(D)	(D)	(D)	2,918
Aluminum sulfate (commercial) (17 percent aluminum oxide) ⁴	3251887151	1,076	967	1,022	967	(S)	831
Sodium chlorite (100 percent)	325188A141	940	523	615	617	607	420
Sodium silicates (soluble silicate glass, liquid and solid) (anhydrous) ⁵	325188A181	1,136	1,309	1,270	1,182	1,106	981
Metasilicate anhydrous (100 percent)	325188A187	72	59	28,772	(D)	(D)	(D)
Sodium sulfate (100 percent)	325188A1A7	509	93	101	93	87	47
Granular carbons, activated (dry weight) ^{6, 7}	325998H1E4	95	(D)	24	27	(S)	(S)
Pulverized carbons, activated, (dry weight) ⁶	325998H1E7	71	(D)	64	98	(S)	(S)
Hydrogen peroxide (100 percent by weight)	325188G181	1,083	365	390	429	437	377

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 2010, and "Fertilizers and Related Chemicals," Series MQ325B, June 2010, <http://www.census.gov/manufacturing/cir/historical_data/mq325a/index.html> and <http://www.census.gov/manufacturing/cir/historical_data/mq325b/index.html>.

Table 1029. Iron and Steel Industry—Summary: 1990 to 2010

[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 1030. Metalworking Machinery—Value of Shipments: 2005 to 2009

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

Product description	Product code	2005	2006	2007	2008 ¹	2009 ¹
Metalworking machinery	(X)	2,800,272	3,094,478	3,318,208	3,435,540	1,952,281
Metal cutting type machine tools	333512 (pt)	2,079,874	2,293,813	2,533,389	2,650,662	1,428,386
Boring and drilling machines	333512A1	110,971	178,487	130,220	161,393	92,612
Gear cutting machines ²	33351212	(D)	(D)	(D)	(D)	(D)
Grinding and polishing machines	33351221	265,035	259,063	237,928	270,339	165,445
Lathes ³	33351231	248,240	295,651	375,871	396,793	204,478
Milling machines ⁴	33351241	53,582	56,082	81,294	(D)	(D)
Machining centers	33351271	619,563	703,045	807,425	(D)	(D)
Station type machines ⁵	33351281	104,481	79,153	(D)	(D)	114,586
Other metal cutting machine tools	33351291	431,962	464,779	585,522	543,791	289,051
Remanufactured metal cutting machine tools	3335126111	93,404	90,172	81,004	(D)	(D)
Metal forming type machine tools	333513 (pt)	720,398	800,665	784,819	784,878	523,895
Punching, shearing, bending, and forming machines	33351311	344,273	403,361	409,791	391,607	256,645
Presses (excluding forging) ⁶	33351331	139,924	128,599	135,292	142,282	75,040
All other metal forming type machines ⁶	33351351	206,547	228,880	209,309	231,257	163,041
Remanufactured metal forming machine tools	3335137121	(D)	15,081	10,382	19,732	(S)

D Withheld to avoid disclosing data for individual companies. S Figure does not meet publication standards. X Not applicable.
¹ Data shown for years 2008 and 2009 do not include metal cutting and forming type machine tools valued under \$3,025 each.
² Data for "Gear cutting machines" are included in total "Metal cutting type," but excluded from product code 3335123126. "Vertical NC turning machines" are included in total "Metal cutting type," but excluded from product code 3335124101. "All milling machines valued under \$3,025 each" are included in total "Metal cutting type," but excluded from product code 33351241. ³ Data for "Station type machines" are included in total "Metal cutting type." ⁴ 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, August 2010, <http://www.census.gov/manufacturing/cir/historical_data/mq333w/index.html>.

Table 1031. Semiconductors, Electronic Components, and Semiconductor Manufacturing Equipment—Value of Shipments: 2005 to 2009

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

Product description	Product code	2005	2006	2007	2008	2009
		Semiconductor machinery	3332950	9,728	12,598	13,190
Transmitting, industrial, and special purpose electron tubes ¹	3344111	652	690	734	806	773
Receiving type electron tubes ²	3344114	621	216	(D)	(D)	(D)
Electron tubes and parts	3344117	72	49	36	31	30
Bare printed circuit boards	3344120	4,856	4,933	4,443	5,269	4,180
Integrated microcircuits ³	3344131	61,631	54,963	49,781	51,104	40,029
Transistors	3344134	603	679	599	409	358
Diodes and rectifiers	3344137	372	467	457	458	331
Other semiconductor devices ⁴	334413A	8,330	10,483	10,176	11,363	11,983
Capacitors for electronic circuitry	3344140	1,113	1,064	945	937	745
Resistors for electronic circuitry	3344150	653	660	645	622	489
Electronic coils, transformers, and other inductors	3344160	1,216	1,231	1,393	1,380	1,058
Connectors for electronic circuitry	3344170	3,589	3,980	4,189	4,065	3,036
Printed circuit assemblies, loaded boards and modules ⁵	334418B	20,106	19,591	20,382	20,257	15,001
Crystals, filters, piezoelectric, and other related electronic devices ⁶	3344191	779	754	689	656	552
All other miscellaneous transducers ⁷	3344194	1,401	1,323	1,466	1,352	1,035
Switches, mechanical types for electronic circuitry	3344197	794	645	662	581	415
Microwave components and devices ⁸	334419A	1,306	1,470	1,541	1,286	1,170
All other miscellaneous electronic components	334419E	4,040	4,346	4,831	4,772	3,889

D Figure withheld to avoid disclosure. 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 sink. 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, September 2010, <http://www.census.gov/manufacturing/cir/historical_data/ma334q/index.html>.

Table 1032. Computers and Peripheral Equipment—Value of Shipments: 2004 to 2009

[In millions of dollars (37,895 represents \$37,895,000,000)]

Product description	Product code	2004	2005	2006	2007	2008	2009
		Electronic computers	334111	37,895	38,386	37,657	36,859
Host computers, multiusers	3341111	10,993	11,759	(D)	(D)	(D)	(D)
Single user computers, microprocessor-based, capable of supporting attached peripherals	3341117	26,309	25,906	(D)	(D)	(D)	(D)
Personal computers	3341117107	15,690	(D)	(D)	(D)	(D)	(D)
Workstations	3341117109	1,848	(D)	(D)	2,442	(D)	(D)
Mobile computers, including notebooks, subnotebooks, laptop, and tablet PCs	3341117127	8,456	(D)	(D)	(D)	(D)	(D)
Smart handheld devices	3341117129	(D)	(D)	(D)	(D)	(D)	(D)
All other single user computers	3341117130	(D)	(D)	(D)	25	(D)	(D)
Other computers (array, analog, hybrid, and special-use computers)	334111D	593	721	(D)	299	(S)	183
Computer storage devices (except parts, attachments, and accessories)	3341121	5,034	6,100	6,956	7,872	6,367	6,617
Disk subsystem and disk arrays for multiuser computer systems	3341121109	1,362	2,008	(D)	2,531	(D)	(D)
Disk drives (all sizes)	3341121112	69	11	(D)	150	201	298
Storage Area Networks(SANs)	3341121123	(D)	10	(D)	2,892	(D)	2,683
Tape drives (all sizes)	3341121138	278	289	285	239	264	194
Other computer storage devices	3341121150	(D)	3,781	3,795	2,061	1,321	(D)
Parts, attachments, and accessories for computer storage devices	3341124	1,039	1,441	1,929	1,426	1,327	740
Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories)	3341131	274	245	268	331	245	128
Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices)	3341134	2	(D)	(D)	(D)	(D)	649
All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments and accessories)	3341191	4,705	4,425	4,517	4,427	4,245	3,382
Parts, subassemblies, and accessories for computer peripheral equipment	3341194	2,257	2,743	2,720	3,171	2,600	5,050
Point-of-sale terminals and funds-transfer devices	3341197	513	497	621	1,034	958	440
Parts and attachments for point-of-sale terminals and funds-transfer devices	334119D	(D)	(D)	35	12	9	(S)
Magnetic and optical recording media	3346130	1,586	1,303	1,364	1,381	(S)	841,538

D Withheld to avoid disclosing data for individual companies. S Withheld because estimates did not meet publication standards.

Source: U.S. Census Bureau, Current Industrial Reports, Computers and Peripheral Equipment, Series MA334R (beginning with 2006, MQ334R), August 2010, <http://www.census.gov/manufacturing/cir/historical_data/mq334r/index.html>.

Table 1033. U.S. Consumer Electronics Sales and Forecasts by Product Category, 2007 to 2010, and Projection, 2011

[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 1034. Telecommunication Equipment—Value of Shipments: 2000 to 2009

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

Product description	Product code	2000	2005	2006	2007	2008	2009
Telephone switching and switchboard equipment	3342101	15,174	1,576	1,812	1,959	1,674	1,045
Carrier line equipment and modems	3342104	13,112	2,824	2,912	3,512	3,137	2,851
Wire line voice and data network equipment	3342107	28,971	12,289	18,563	11,181	4,574	3,191
Communication systems and equipment ¹	3342201	36,357	30,272	32,436	(NA)	(NA)	(NA)
Broadcast, studio, and related electronic equipment	3342202	4,029	3,289	3,653	3,350	4,110	4,237
Wireless networking equipment	3342203	(NA)	(NA)	(NA)	6,159	4,845	4,219
Radio station equipment	3342205	(NA)	(NA)	(NA)	17,824	16,456	16,449
Other communications systems equipment	3342209	(NA)	(NA)	(NA)	6,355	10,882	10,705
Alarm systems ²	3342901	2,755	1,910	1,526	2,044	2,090	1,663
Vehicular and pedestrian traffic control equipment ³	3342902	838	1,020	1,048	1,239	1,231	(S)
Intercommunications systems ⁴	3342903	447	416	433	438	458	389
Modems, consumer type	3344184	95	98	79	82	87	(D)

D Withheld to avoid disclosing data of individual companies. NA Not available. S Estimates did not meet publication standards.

¹ Includes microwave and space satellites. ² Includes electric sirens and horns. ³ Includes electrical railway signals and attachments.

⁴ Includes inductive paging systems (selective calling), except telephone and telegraph.

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

Table 1035. Motor Vehicle Manufactures—Summary by Selected Industry: 2009

[29,994 represents \$29,994,000,000. Based on the Annual Survey of Manufactures; see Appendix III]

Industry	2002 NAICS code ¹	All employees ²			Production workers ² (mil. dol.)	Value of shipments ³ (mil. dol.)
		Payroll				
		Number	Total (mil. dol.)	Payroll per employee (dol.)		
Motor vehicle manufacturing, total	3361–3363	616,156	29,994	48,679	467,652	301,710
Motor vehicle, total.	3361	123,484	7,927	64,195	103,349	149,900
Automobile and light duty motor vehicle	33611	101,510	6,838	67,362	86,354	134,129
Automobile.	336111	51,440	3,359	65,291	43,762	53,724
Light truck and utility vehicle	336112	50,070	3,479	69,491	42,592	80,405
Heavy duty truck	33612	21,974	1,089	49,564	16,995	15,771
Motor vehicle body and trailer	3362	89,012	3,520	39,542	67,390	21,289
Motor vehicle body and trailer manufacturing	33621	89,012	3,520	39,542	67,390	21,289
Motor vehicle body	336211	37,561	1,578	42,003	27,494	9,571
Truck trailer	336212	17,781	647	36,386	13,785	4,095
Motor home	336213	6,889	262	38,001	4,983	1,716
Travel trailer and camper	336214	26,781	1,033	38,583	21,128	5,908
Motor vehicle parts	3363	403,660	18,547	45,947	296,913	130,521
Motor vehicle gasoline engine and engine parts	33631	43,338	2,184	50,389	32,486	16,123
Motor vehicle electrical and electronic equipment	33632	51,816	2,554	49,281	35,021	13,796
Motor vehicle steering and suspension	33633	33,338	1,340	40,198	24,697	8,093
Motor vehicle brake system	33634	20,021	796	39,741	14,436	7,541
Motor vehicle transmission and power train parts	33635	46,946	2,855	60,813	35,772	21,047
Motor vehicle seating and interior trim	33636	37,555	1,562	41,599	26,570	12,942
Motor vehicle metal stamping	33637	65,146	3,074	47,189	49,922	17,739
Other motor vehicle parts	33639	105,501	4,183	39,646	78,009	33,241

¹ North American Industry Classification System, 2002; see text, Section 15. ² Includes all full-time and part-time employees on the payrolls of operating manufacturing establishments during any part of the pay period that included the 12th of the month specified on the report form. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses. 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: 2009 and 2008," December 2010, <http://www.census.gov/manufacturing/asm/index.html>.

Table 1036. Motor Vehicle Manufactures—Employees, Payroll, and Shipments by Major State: 2009

[7,927,052 represents 7,927,052,000. Industry based on the 2002 North American Industry Classification System (NAICS); see text, Section 15. See footnote 3, Table 1035 for information regarding shipments. Based on the Annual Survey of Manufactures; see Appendix III]

State	Motor vehicle manufacturing (NAICS 3361)			Motor vehicle parts manufacturing (NAICS 3363)		
	Employees	Payroll (1,000 dol.)	Value of shipments (1,000 dol.)	Employees	Payroll (1,000 dol.)	Value of shipments (1,000 dol.)
United States¹	123,484	7,927,052	149,900,446	403,660	18,547,126	130,520,776
Alabama	10,289	661,398	11,554,222	14,471	611,344	5,962,628
Arizona	—	—	—	2,307	102,689	570,954
Arkansas	—	—	—	4,064	137,529	817,939
California	5,224	381,065	6,755,286	18,332	758,901	5,425,380
Connecticut	—	—	—	(²)	(D)	(D)
Florida	—	—	—	3,183	131,803	702,470
Georgia	1,782	90,625	(D)	6,705	286,178	2,327,290
Illinois	3,903	195,086	3,139,563	17,648	757,313	4,787,208
Indiana	10,892	714,699	14,626,216	44,537	2,359,643	14,094,643
Iowa	—	—	—	3,048	117,320	764,286
Kansas	(²)	(D)	(D)	1,658	(D)	(D)
Kentucky	12,013	737,890	(D)	22,931	940,443	8,898,952
Louisiana	(²)	(D)	(D)	1,208	41,884	(D)
Massachusetts	—	—	—	1,428	94,053	795,638
Michigan	21,474	1,466,854	31,088,278	79,144	3,939,554	26,291,309
Minnesota	1,759	87,765	(D)	2,134	82,754	428,587
Mississippi	(²)	(D)	(D)	2,311	104,485	(D)
Missouri	5,353	397,349	(D)	9,001	358,149	2,853,154
Nebraska	—	—	—	3,506	125,736	822,248
New Hampshire	—	—	—	1,023	30,342	169,833
New York	—	—	—	11,245	623,879	2,838,979
North Carolina	(²)	(D)	(D)	12,741	586,175	4,920,321
Ohio	14,862	977,473	16,264,699	53,649	2,668,740	16,721,596
Oklahoma	(²)	(D)	(D)	3,025	103,104	623,652
Oregon	—	—	—	1,194	55,633	241,980
Pennsylvania	—	—	—	8,451	341,234	2,070,884
South Carolina	4,041	(D)	(D)	12,032	543,432	5,077,128
South Dakota	—	—	—	—	—	—
Tennessee	(²)	(D)	(D)	23,837	942,561	9,289,397
Texas	4,601	331,774	11,296,033	10,098	433,933	3,036,744
Utah	—	—	—	2,971	135,311	1,065,081
Virginia	(²)	(D)	(D)	4,718	199,758	1,149,559
Washington	—	—	—	2,090	86,161	(D)
West Virginia	—	—	—	1,658	94,180	(D)
Wisconsin	(²)	(D)	(D)	9,423	353,341	2,486,211

— Represents zero. D Withheld to avoid disclosing data on individual companies. ¹ Includes states not shown separately.

² Employee class size of 1,000 to 2,499. ³ Employee class size of 2,500 to 4,999. ⁴ Employee class size of 5,000 to 9,999.

Source: U.S. Census Bureau, Annual Survey of Manufactures, "Geographic Area Statistics: Statistics for all Manufacturing by State: 2009 and 2008," December 2010, <http://www.census.gov/manufacturing/asm/index.html>.

Table 1037. Aerospace—Sales, New Orders, and Backlog: 2000 to 2009

[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	2004	2005	2006	2007	2008	2009
Net sales	109.3	124.3	124.2	155.9	126.8	135.2	145.8
U.S. government net sales	41.0	64.2	62.8	69.7	48.4	59.5	59.4
Percent U.S. government	37.5	51.7	50.6	44.7	38.2	44.0	40.7
Complete aircraft and parts	57.2	49.6	49.9	(D)	(D)	(D)	(D)
Aircraft engines and parts	12.5	16.1	18.5	28.6	15.5	(D)	(D)
Missiles and space vehicles, parts	15.6	14.2	(S)	(D)	(D)	(D)	(D)
Other products, services	24.0	44.4	45.8	(D)	43.70	(D)	(D)
Net, new orders	140.1	131.7	186.4	202.8	231.6	189.3	107.1
Backlog, December 31	215.0	234.3	290.0	334.5	437.1	482.1	430.7

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, June 2010, <http://www.census.gov/manufacturing/cir/historical_data/ma336g/index.html>.

Table 1038. Net Orders for U.S. Civil Jet Transport Aircraft: 1990 to 2010

[1990 data are net new firm orders; beginning 2000, net announced orders. Minus sign (-) indicates net cancellations. In 1997, Boeing acquired McDonnell Douglas]

Type of aircraft and customer	1990	2000	2005	2006	2007	2008	2009	2010
Total number ¹	670	585	1,004	1,058	1,417	662	142	530
U.S. customers	259	412	220	321	281	112	24	232
Foreign customers	411	193	811	737	1,136	550	118	298
Boeing 737, total	189	378	571	739	846	484	178	486
U.S. customers	38	302	152	242	164	107	34	206
Foreign customers	151	86	439	497	682	377	144	280
Boeing 747, total	153	24	43	72	25	3	2	-1
U.S. customers	24	1	13	18	-	-	-2	-2
Foreign customers	129	18	30	54	25	3	4	1
Boeing 757, total	66	43	-	-	-	-	-	-
U.S. customers	33	38	-	-	-	-	-	-
Foreign customers	33	14	-	-	-	-	-	-
Boeing 767, total	60	6	15	10	36	28	2	3
U.S. customers	23	-2	-	-	27	-	-1	-
Foreign customers	37	14	20	10	9	28	3	3
Boeing 777, total	34	113	154	76	141	54	19	46
U.S. customers	34	60	10	35	23	11	-7	3
Foreign customers	-	53	146	41	118	43	26	43
Boeing 787, total	-	-	235	161	369	93	-59	-4
U.S. customers	-	-	45	26	67	-6	-	25
Foreign customers	-	-	190	135	302	99	-59	-29
McDonnell Douglas MD-11, total	52	-	-	-	-	-	-	-
U.S. customers	16	-	-	-	-	-	-	-
Foreign customers	36	-	-	-	-	-	-	-
McDonnell Douglas MD-80/90, total	116	-	-	-	-	-	-	-
U.S. customers	91	-	-	-	-	-	-	-
Foreign customers	25	-	-	-	-	-	-	-
McDonnell Douglas MD-95, total	-	21	-	-	-	-	-	-
U.S. customers	-	13	-	-	-	-	-	-
Foreign customers	-	8	-	-	-	-	-	-

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

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

Table 1039. U.S. Aircraft Shipments: 1990 to 2010

[Value in millions of dollars (\$38,585 represents \$38,585,000,000)]

Year	Total		Civil				Military			
	Units	Value	Large transports		General aviation ¹		Rotocraft			
			Units	Value	Units	Value	Units	Value		
1990	3,321	38,585	521	22,215	1,144	2,007	603	254	1,053	14,109
1995	2,441	33,658	256	15,263	1,077	2,842	292	194	816	15,359
1996	2,220	37,518	269	18,915	1,115	3,048	278	193	558	15,363
1997	2,760	43,652	374	26,929	1,549	4,593	346	231	511	11,899
1998	3,534	53,728	559	35,663	2,193	5,534	363	252	419	12,280
1999	3,797	56,692	620	38,171	2,475	6,803	345	200	357	11,518
2000	4,113	50,289	485	30,327	2,802	8,040	493	270	333	11,652
2001	3,904	56,221	526	34,155	2,616	7,991	415	247	347	13,828
2002	3,252	49,361	379	27,547	2,196	7,261	318	157	359	14,396
2003	3,261	42,431	281	21,033	2,080	6,205	517	366	383	14,827
2004	3,802	43,555	283	20,484	2,296	6,918	805	515	418	15,639
2005	4,677	51,190	290	22,116	2,853	8,632	947	816	587	19,626
2006	5,426	55,472	398	25,875	3,134	9,550	898	843	996	19,204
2007	5,350	68,823	441	29,160	3,279	11,941	1,009	1,330	1,062	26,392
2008	5,263	72,892	375	24,076	3,079	13,348	1,084	1,486	725	33,982
2009	3,399	71,272	381	27,350	1,585	9,082	564	972	869	33,868
2010	2,842	71,831	459	29,265	1,334	7,875	249	791	800	33,900

¹ Excludes off-the-shelf military aircraft.

Source: U.S. Department of Commerce, International Trade Administration, "Shipments of Complete U.S. Aircraft, 1971-2010," <http://trade.gov/mas/manufacturing/OAAl/aero_stats.asp>.

Table 1040. Aerospace Industry Sales by Product Group and Customer: 1990 to 2010

[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 1038]

Group	1990	2000	2005 ¹	2006	2007	2008	2009	2010
CURRENT DOLLARS								
Total sales	134.4	144.7	167.3	182.8	197.0	200.3	211.9	214.5
Product group:								
Aircraft, total	71.4	81.6	86.7	98.3	105.2	102.7	110.8	112.3
Civil ²	31.3	47.6	37.2	45.8	52.6	48.2	51.1	47.9
Military	40.1	34.0	49.5	52.4	52.7	54.5	59.7	64.5
Missiles	14.2	9.3	18.4	20.3	22.2	23.4	25.8	26.9
Space	26.4	29.7	36.7	37.6	39.9	43.4	45.5	45.9
Related products and services ³	22.4	24.1	25.5	26.7	29.6	30.8	29.9	29.3
Customer group:								
Aerospace products and services, total	112.0	120.6	141.8	156.2	167.3	169.5	182.1	185.1
DOD ⁴	60.5	47.5	75.6	77.6	80.7	84.9	95.4	102.1
NASA ⁵ and other agencies	11.1	13.4	17.3	17.2	18.7	21.3	22.5	22.1
Other customers ⁶	40.4	59.7	48.9	61.3	68.0	63.4	64.2	60.9
Related products and services ³	22.4	24.1	25.5	26.7	29.7	30.7	32.5	31.4
CONSTANT (2000) DOLLARS⁷								
Total sales	123.5	144.7	146.0	154.0	160.9	157.8	162.9	162.9
Product group:								
Aircraft, total	65.6	81.6	75.6	82.8	86.0	80.9	85.2	85.3
Civil ²	28.7	47.6	32.4	38.6	42.9	38.0	39.3	36.3
Military	36.8	34.0	43.2	44.2	43.0	43.0	45.9	49.0
Missiles	13.0	9.3	16.1	17.1	18.1	18.5	19.8	20.4
Space	24.3	29.7	32.0	31.7	32.6	34.2	35.0	34.9
Related products and services ³	20.6	24.1	22.3	22.5	24.2	24.3	23.0	22.3
Customer group:								
Aerospace products and services, total	102.9	120.6	123.7	131.5	136.7	133.5	140.0	140.8
DOD ⁴	55.6	47.5	66.0	65.4	65.9	66.8	73.3	77.7
NASA ⁵ and other agencies	10.2	13.4	15.1	14.5	15.2	16.8	17.3	16.8
Other customers ⁶	37.1	59.7	42.7	51.6	55.6	49.9	49.4	46.3
Related products and services ³	20.6	24.1	22.3	22.5	24.3	24.2	25.0	23.9

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 All civil sales of aircraft (domestic and export sales of jet transports, commuters, business, and personal aircraft and helicopters). ³ Electronics, software, and ground support equipment, plus sales of non-aerospace products which are produced by aerospace-manufacturing use technology, processes, and materials derived from aerospace products. ⁴ Department of Defense. ⁵ National Aeronautics and Space Administration. ⁶ Includes civil aircraft sales (see footnote 4), commercial space sales, all exports of military aircraft and missiles and related propulsion and parts. ⁷ Based on Aerospace Industry Association's aerospace composite price deflator (200=100).

Source: Aerospace Industries Association of America, Inc., Washington, DC, "2010 Year-end Review and Forecast," December 2010, <http://www.aia-aerospace.org/economics/year_end_review_and_forecast>.

Table 1041. Major Household Appliances—Value of Shipments: 2000 to 2009

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

Product description	Product code	2000	2005	2006	2007	2008	2009
Electric household ranges, ovens and surface cooking units, equipment and parts	3352211	2,170	2,577	2,541	2,736	2,506	2,062
Gas household ranges, ovens, and surface cooking units, equipment and parts	3352213	779	1,392	1,363	1,541	1,473	1,126
Other household ranges, cooking equipment and outdoor cooking equipment ¹	3352215	1,251	965	784	491	510	485
Household refrigerators, including combination refrigerator-freezers	3352221	5,396	5,405	5,427	5,440	5,891	5,189
Parts and attachments for household refrigerators and freezers	3352223	(D)	(D)	(D)	159	107	92
Household laundry machines and parts	3352240	4,047	5,236	5,184	5,232	5,835	4,820
Water heaters, electric	3352281	573	638	652	950	953	869
Water heaters, except electric	3352283	844	970	903	1,572	1,547	1,452
Household appliances, n.e.c and parts ²	3352285	2,066	2,433	2,413	2,717	2,602	2,126

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, <http://www.census.gov/manufacturing/cir/historical_data/mq335f/index.html>.