

TABLE B-37. Manufacturing and trade sales and inventories, 1979-2019

[Amounts in millions of dollars; monthly data seasonally adjusted]

Year or month	Total manufacturing and trade			Manufacturing			Merchant wholesalers <sup>1</sup>			Retail trade			Retail and food services sales
	Sales <sup>2</sup>	Inventories <sup>3</sup>	Ratio <sup>4</sup>	Sales <sup>2</sup>	Inventories <sup>3</sup>	Ratio <sup>4</sup>	Sales <sup>2</sup>	Inventories <sup>3</sup>	Ratio <sup>4</sup>	Sales <sup>2,5</sup>	Inventories <sup>3</sup>	Ratio <sup>4</sup>	
<i>SIC:</i> <sup>6</sup>													
1979 .....	297,701	452,640	1.52	143,936	242,157	1.68	79,051	99,679	1.26	74,713	110,804	1.48	.....
1980 .....	327,233	508,924	1.56	154,391	265,215	1.72	93,099	122,631	1.32	79,743	121,078	1.52	.....
1981 .....	355,822	545,786	1.53	168,129	283,413	1.69	101,180	129,654	1.28	86,514	132,719	1.53	.....
1982 .....	347,625	573,908	1.67	163,351	311,852	1.95	95,211	127,428	1.36	89,062	134,628	1.49	.....
1983 .....	369,286	590,287	1.56	172,547	312,379	1.78	99,225	130,075	1.28	97,514	147,833	1.44	.....
1984 .....	410,124	649,780	1.53	190,682	339,516	1.73	112,199	142,452	1.23	107,243	167,812	1.49	.....
1985 .....	422,583	664,039	1.56	194,538	334,749	1.73	113,459	147,409	1.28	114,586	181,881	1.52	.....
1986 .....	430,419	662,738	1.55	194,657	322,654	1.68	114,960	153,574	1.32	120,803	186,510	1.56	.....
1987 .....	457,735	709,848	1.50	206,326	338,109	1.59	122,968	163,903	1.29	128,442	207,836	1.55	.....
1988 .....	497,157	767,222	1.49	224,619	369,374	1.57	134,521	178,801	1.30	138,017	219,047	1.54	.....
1989 .....	527,039	815,455	1.52	236,698	391,212	1.63	143,760	187,009	1.28	146,581	237,234	1.58	.....
1990 .....	545,909	840,594	1.52	242,686	405,073	1.65	149,506	195,833	1.29	153,718	239,688	1.56	.....
1991 .....	542,815	834,609	1.53	239,847	390,950	1.65	148,306	200,448	1.33	154,661	243,211	1.54	.....
1992 .....	567,176	842,809	1.48	250,394	382,510	1.54	154,150	208,302	1.32	162,632	251,997	1.52	.....
<i>NAICS:</i> <sup>6</sup>													
1992 .....	540,199	835,800	1.53	242,002	378,609	1.57	147,261	196,914	1.31	150,936	260,277	1.67	167,842
1993 .....	567,195	863,125	1.50	251,708	379,806	1.50	154,018	204,842	1.30	161,469	278,477	1.68	179,425
1994 .....	609,854	926,395	1.46	269,843	399,934	1.44	164,575	221,978	1.29	175,436	304,483	1.66	194,186
1995 .....	654,689	985,385	1.48	289,973	424,802	1.44	179,915	238,392	1.29	184,801	322,191	1.72	204,219
1996 .....	686,923	1,004,646	1.45	299,766	430,366	1.44	190,362	241,058	1.27	196,796	333,222	1.67	216,983
1997 .....	723,443	1,054,495	1.42	319,558	443,227	1.37	198,154	258,454	1.26	205,731	343,814	1.64	227,178
1998 .....	742,391	1,077,183	1.44	324,984	448,373	1.39	202,260	272,297	1.32	215,147	356,513	1.62	237,746
1999 .....	786,178	1,137,260	1.40	335,991	463,004	1.35	216,597	290,182	1.30	233,591	384,074	1.59	257,249
2000 .....	833,868	1,195,894	1.41	350,715	480,748	1.35	234,546	309,191	1.29	248,606	405,955	1.59	273,961
2001 .....	818,160	1,118,552	1.42	330,875	427,353	1.38	232,096	297,536	1.32	255,189	393,663	1.58	281,576
2002 .....	823,234	1,139,523	1.36	326,227	423,028	1.29	236,294	301,310	1.26	260,713	415,185	1.55	288,256
2003 .....	854,700	1,147,795	1.34	334,616	408,302	1.25	248,190	308,274	1.22	271,894	431,219	1.56	301,038
2004 .....	926,002	1,241,744	1.30	359,081	441,222	1.19	277,501	340,128	1.17	289,421	460,394	1.56	320,550
2005 .....	1,005,821	1,314,317	1.27	395,173	474,639	1.17	303,208	367,978	1.17	307,440	471,700	1.51	340,479
2006 .....	1,063,032	1,408,812	1.28	417,963	523,476	1.20	328,438	398,924	1.17	322,631	486,412	1.49	357,863
2007 .....	1,126,176	1,487,636	1.28	443,288	562,714	1.22	351,956	424,344	1.17	332,932	500,578	1.49	369,978
2008 .....	1,160,722	1,466,023	1.31	455,750	543,317	1.26	377,030	445,529	1.20	327,943	477,177	1.52	365,965
2009 .....	988,802	1,332,351	1.37	368,648	505,452	1.39	319,115	397,699	1.29	301,039	429,200	1.47	338,706
2010 .....	1,088,890	1,451,079	1.28	409,273	554,328	1.28	361,447	442,154	1.15	318,711	454,597	1.39	357,081
2011 .....	1,206,660	1,565,659	1.26	457,658	606,893	1.29	407,090	488,061	1.15	341,913	470,759	1.35	383,192
2012 .....	1,267,248	1,654,225	1.28	474,727	624,905	1.30	434,002	524,005	1.17	358,519	505,315	1.38	402,199
2013 .....	1,303,229	1,718,818	1.29	484,145	630,267	1.29	447,546	545,175	1.19	371,538	543,376	1.41	416,814
2014 .....	1,340,932	1,778,197	1.34	491,630	640,437	1.31	463,682	577,344	1.22	386,620	560,416	1.43	434,638
2015 .....	1,294,787	1,808,388	1.39	459,918	635,783	1.39	441,036	585,167	1.33	393,833	587,438	1.46	445,791
2016 .....	1,286,246	1,838,515	1.42	446,225	631,247	1.41	435,707	586,302	1.35	404,315	610,966	1.49	459,110
2017 .....	1,350,809	1,900,128	1.38	467,076	659,418	1.37	463,158	615,722	1.30	420,575	624,988	1.47	478,384
2018 .....	1,434,984	1,996,625	1.36	499,964	682,655	1.35	494,747	660,492	1.29	440,273	653,478	1.45	501,758
2019 <sup>p</sup> .....	.....	.....	.....	.....	.....	.....	.....	675,596	.....	455,632	661,219	1.45	519,796
2018: Jan .....	1,405,006	1,910,650	1.36	489,058	661,954	1.35	481,495	621,149	1.29	434,453	627,547	1.44	494,208
Feb .....	1,411,196	1,920,723	1.36	490,494	664,577	1.35	485,732	625,490	1.29	434,970	630,656	1.45	495,028
Mar .....	1,415,738	1,921,801	1.36	493,240	664,676	1.35	488,298	627,707	1.29	434,200	629,418	1.45	494,681
Apr .....	1,419,942	1,926,701	1.36	493,337	667,705	1.35	489,732	627,672	1.28	436,873	631,324	1.45	496,768
May .....	1,440,273	1,934,054	1.34	491,081	669,775	1.35	501,595	629,910	1.26	441,597	634,369	1.44	502,987
June .....	1,441,800	1,934,716	1.34	501,313	669,588	1.34	499,388	630,558	1.26	441,099	634,570	1.44	503,283
July .....	1,444,499	1,948,232	1.35	501,740	676,291	1.35	499,489	634,281	1.27	443,270	637,660	1.44	506,047
Aug .....	1,448,482	1,959,161	1.35	504,405	676,016	1.34	502,373	640,883	1.28	441,704	642,262	1.45	504,897
Sept .....	1,451,908	1,968,204	1.36	507,438	680,293	1.34	501,656	645,486	1.29	442,814	642,425	1.45	504,604
Oct .....	1,457,287	1,981,503	1.36	507,985	682,510	1.34	501,166	650,679	1.30	448,136	648,314	1.45	510,412
Nov .....	1,451,741	1,982,144	1.37	506,252	682,391	1.35	496,733	653,384	1.32	448,756	646,369	1.44	510,826
Dec .....	1,435,551	1,996,625	1.39	505,209	682,655	1.35	491,945	660,492	1.34	438,397	653,478	1.49	500,455
2019: Jan .....	1,443,911	2,010,849	1.39	504,075	686,221	1.36	494,587	667,494	1.35	445,249	657,134	1.48	507,222
Feb .....	1,444,010	2,018,638	1.40	505,803	688,334	1.36	496,126	670,217	1.35	442,081	660,087	1.49	504,441
Mar .....	1,462,677	2,018,737	1.38	506,780	691,141	1.36	505,145	670,076	1.33	450,752	657,520	1.46	513,608
Apr .....	1,459,042	2,029,828	1.39	503,881	692,729	1.37	502,929	675,713	1.34	452,232	661,386	1.46	515,545
May .....	1,458,214	2,035,784	1.40	504,257	694,247	1.38	499,822	678,352	1.36	454,135	663,185	1.46	518,131
June .....	1,458,633	2,035,201	1.40	504,952	695,281	1.38	498,133	677,905	1.36	455,546	662,015	1.45	520,055
July .....	1,461,641	2,041,782	1.40	503,617	696,204	1.38	499,550	679,131	1.36	458,974	666,447	1.45	523,922
Aug .....	1,462,583	2,040,517	1.40	502,177	695,671	1.39	498,513	679,474	1.36	461,893	665,372	1.44	526,862
Sept .....	1,457,140	2,039,070	1.40	500,121	697,912	1.40	497,828	674,897	1.36	459,191	666,261	1.45	524,651
Oct .....	1,454,942	2,041,178	1.40	500,488	699,024	1.40	493,407	675,386	1.37	461,047	666,768	1.45	526,420
Nov <sup>p</sup> .....	1,465,240	2,038,234	1.39	501,706	701,083	1.40	500,651	675,997	1.35	462,883	661,154	1.43	527,841
Dec <sup>p</sup> .....	.....	.....	.....	.....	.....	.....	.....	675,596	.....	464,516	661,219	1.42	529,606

<sup>1</sup> Excludes manufacturers' sales branches and offices.

<sup>2</sup> Annual data are averages of monthly not seasonally adjusted figures.

<sup>3</sup> Seasonally adjusted, end of period. Inventories beginning with January 1982 for manufacturing and December 1980 for wholesale and retail trade are not comparable with earlier periods.

<sup>4</sup> Inventory/sales ratio. Monthly inventories are inventories at the end of the month to sales for the month. Annual data beginning with 1982 are the average of monthly ratios for the year. Annual data for 1979-81 are the ratio of December inventories to monthly average sales for the year.

<sup>5</sup> Food services included on Standard Industrial Classification (SIC) basis and excluded on North American Industry Classification System (NAICS) basis. See last column for retail and food services sales.

<sup>6</sup> Effective in 2001, data classified based on NAICS. Data on NAICS basis available beginning with 1992. Earlier data based on SIC. Data on both NAICS and SIC basis include semiconductor.

Source: Department of Commerce (Bureau of the Census).