

Table 2. Value of Manufacturers' New Orders for Industry Groups¹

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Feb. 2017 ^p	Jan. 2017 ^f	Dec. 2016	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2017 ^p	Jan. 2017 ^f	Dec. 2016	Feb. 2016	2017 ^p	2016	% Change 2017/ 2016
All manufacturing industries ²	476,493	471,711	464,722	1.0	1.5	1.3	444,869	433,402	468,324	429,795	878,271	839,917	4.6
Excluding transportation ²	396,014	394,608	392,642	0.4	0.5	2.4	370,521	368,279	382,671	357,422	738,800	699,608	5.6
Excluding defense ²	464,595	459,148	452,969	1.2	1.4	2.4	434,392	422,587	451,346	420,612	856,979	820,727	4.4
With unfilled orders ²	171,013	166,657	161,011	2.6	3.5	-1.9	161,596	151,474	174,736	153,625	313,070	301,684	3.8
Durable goods industries ²	235,964	231,752	226,239	1.8	2.4	-0.9	222,666	208,705	236,675	218,655	431,371	423,920	1.8
Primary metals.....	18,807	18,513	18,635	1.6	-0.7	-0.6	18,558	19,052	17,416	18,226	37,610	36,503	3.0
Iron and steel mills.....	8,581	8,099	8,438	6.0	-4.0	-0.6	8,515	8,811	8,215	8,378	17,326	17,341	-0.1
Aluminum and nonferrous metals.....	8,807	9,009	8,717	-2.2	3.3	-0.1	8,644	8,822	7,794	8,202	17,466	15,973	9.3
Ferrous metal foundries.....	1,419	1,405	1,480	1.0	-5.1	-3.8	1,399	1,419	1,407	1,646	2,818	3,189	-11.6
Fabricated metal products.....	31,507	31,455	30,977	0.2	1.5	-0.7	30,869	30,120	27,963	30,094	60,989	58,260	4.7
Machinery.....	31,574	31,483	31,120	0.3	1.2	1.3	31,119	29,664	30,983	30,542	60,783	59,088	2.9
Construction machinery.....	2,882	2,907	2,710	-0.9	7.3	0.0	2,976	2,820	2,696	2,938	5,796	5,689	1.9
Mining, oil field, and gas field machinery.....	857	837	813	2.4	3.0	0.5	1,013	873	657	1,156	1,886	2,277	-17.2
Industrial machinery.....	2,559	2,491	2,388	2.7	4.3	-6.2	2,258	2,413	2,783	2,213	4,671	4,506	3.7
Photographic equipment.....	406	393	468	3.3	-16.0	-6.8	367	359	483	408	726	771	-5.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,689	3,675	3,573	0.4	2.9	0.6	3,204	3,169	3,336	3,057	6,373	5,987	6.4
Metalworking machinery.....	3,310	3,190	3,295	3.8	-3.2	1.3	3,047	2,979	3,604	2,871	6,026	5,689	5.9
Turbines, generators, and other power transmission equipment.....	3,968	4,261	4,144	-6.9	2.8	6.9	3,960	4,124	4,164	3,964	8,084	7,876	2.6
Material handling equipment.....	3,219	3,199	3,215	0.6	-0.5	1.2	3,230	3,016	3,568	3,168	6,246	6,077	2.8
Computers and electronic products ²	24,964	24,944	25,099	0.1	-0.6	3.0	22,924	21,214	29,090	22,234	44,138	42,366	4.2
Computers.....	675	623	596	8.3	4.5	1.2	524	523	767	461	1,047	1,007	4.0
Nondefense communications equipment.....	3,510	3,667	3,704	-4.3	-1.0	6.3	3,755	2,943	4,570	3,357	6,698	6,076	10.2
Defense communications equipment.....	270	256	251	5.5	2.0	-11.6	267	221	242	286	488	524	-6.9
Electronic components.....	5,126	4,963	5,065	3.3	-2.0	4.3	4,638	4,530	5,116	4,298	9,168	8,501	7.8
Nondefense search and navigation equipment.....	1,546	1,538	1,772	0.5	-13.2	15.4	1,479	1,386	1,518	1,434	2,865	2,670	7.3
Defense search and navigation equipment.....	2,565	2,734	2,575	-6.2	6.2	8.6	2,392	2,232	3,353	2,661	4,624	4,775	-3.2
Electromedical, measuring, and control instruments.....	9,370	9,286	9,375	0.9	-0.9	-0.4	8,419	7,955	10,994	8,181	16,374	15,769	3.8
Electrical equipment, appliances, and components.....	9,792	9,606	9,951	1.9	-3.5	0.4	9,262	9,070	9,924	9,381	18,332	18,506	-0.9
Electric lighting equipment.....	1,067	1,046	1,037	2.0	0.9	0.7	1,022	982	1,047	1,074	2,004	2,073	-3.3
Household appliances.....	1,386	1,332	1,423	4.1	-6.4	4.5	1,129	1,158	1,443	1,182	2,287	2,428	-5.8
Electrical equipment.....	2,915	2,946	2,971	-1.1	-0.8	-0.5	2,762	2,752	2,866	2,936	5,514	5,609	-1.7
Transportation equipment.....	80,479	77,103	72,080	4.4	7.0	-4.3	74,348	65,123	85,653	72,373	139,471	140,309	-0.6
Motor vehicle bodies, parts, and trailers.....	29,727	29,644	29,337	0.3	1.0	1.0	29,924	27,279	26,346	28,521	57,203	52,457	9.0
Nondefense aircraft and parts.....	12,662	8,583	4,686	47.5	83.2	9.1	8,481	4,149	18,723	6,064	12,630	16,223	-22.1
Defense aircraft and parts.....	3,839	4,401	2,653	-12.8	65.9	-65.1	3,019	4,002	5,296	2,959	7,021	7,169	-2.1
Ships and boats.....	2,682	2,546	3,878	5.3	-34.3	25.6	2,797	2,494	4,110	1,846	5,291	3,847	37.5
Furniture and related products.....	6,620	6,665	6,464	-0.7	3.1	2.1	6,677	6,278	5,610	6,579	12,955	12,469	3.9
Nondurable goods industries.....	240,529	239,959	238,483	0.2	0.6	3.4	222,203	224,697	231,649	211,140	446,900	415,997	7.4

^p Preliminary

^f Revised data due to late receipts and concurrent seasonal adjustment.

¹ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

² Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new orders exclude semiconductor industry data.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. For further details on survey design, methodology, and data limitations see <<http://www.census.gov/manufacturing/m3/>>.

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, February Full Report, April 4, 2017. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.