Table 2. Value of Manufacturers' New Orders for Industry Groups[1]

[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		
	Dec. 2016[p]	Nov. 2016[r]	Oct. 2016	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2016[p]	Nov. 2016[r]	Oct. 2016	Dec. 2015	2016[p]	2015	% Change 2016/ 2015
All manufacturing industries[2]	464,868	458,795	469,636	1.3	-2.3	2.8	466,976	449,678	472,322	458,038	5,473,669	5,553,564	-1.4
Excluding transportation[2]	391,395	383,441	381,304	2.1	0.6	0.8	381,313	371,224	384,618	367,180	4,528,105	4,605,113	-1.7
Excluding defense[2]	453,158	442,502	457,150	2.4	-3.2	2.8	450,149	433,968	461,239	441,918	5,320,264	5,415,592	-1.8
With unfilled orders[2]	161,966	164,099	175,390	-1.3	-6.4	6.7	174,273	161,110	172,649	174,754	1,971,032	1,969,407	0.1
Durable goods industries[2]	227,108	228,192	239,530	-0.5	-4.7	5.0	236,154	222,752	238,318	237,841	2,746,228	2,754,511	-0.3
Primary metals	18,625	18,754	18,191	-0.7	3.1	1.3	17,286	18,171	17,922	16,666	216,922	228,144	-4.9
Iron and steel mills	8,469	8,490	8,211	-0.2	3.4	1.5	8,090	8,267	7,988	7,739	98,826	106,510	-7.2
Aluminum and nonferrous metals	8,674	8,726	8,542	-0.6	2.2	2.1	7,790	8,489	8,530	7,344	99,844	102,290	-2.4
Ferrous metal foundries	1,482	1,538	1,438	-3.6	7.0	-4.8	1,406	1,415	1,404	1,583	18,252	19,344	-5.6
Fabricated metal products	30,946	31,199	30,997	-0.8	0.7	3.1	28,001	29,125	30,913	27,140	363,026	352,667	2.9
Machinery	30,929	30,717	29,972	0.7	2.5	0.3	30,927	28,541	29,781	29,528	360,509	377,492	-4.5
Construction machinery	2,605	2,709	2,601	-3.8	4.2	9.0	2,696	2,734	2,770	3,198	31,253	40,104	-22.1
Mining, oil field, and gas field machinery	812	809	824	0.4	-1.8	-11.6	651	806	917	93	8,926	17,019	-47.6
Industrial machinery	2,478	2,545	2,179	-2.6	16.8	2.2	2,872	2,122	2,221	2,641	28,026	27,920	0.4
Photographic equipment	469	502	423	-6.6	18.7	-7.8	485	528	423	426	5,212	5,308	-1.8
Ventilation, heating, air-conditioning, and refrigeration equipment	3,496	3,550	3,362	-1.5	5.6	2.2	3,303	3,162	3,032	3,467	41,203	43,196	-4.6
Metalworking machinery	3,369	3,254	3,219	3.5	1.1	1.8	3,664	3,299	3,333	3,217	38,335	33,140	15.7
Turbines, generators, and other power transmission equipment	4,006	3,877	4,006	3.3	-3.2	-2.6	4,010	3,857	3,963	3,793	48,327	50,160	-3.7
Material handling equipment	3,204	3,178	3,073	0.8	3.4	-1.6	3,566	2,985	2,914	3,402	36,723	33,716	8.9
Computers and electronic products[2]	24,988	24,365	24,116	2.6	1.0	0.2	28,921	22,333	23,190	28,226	290,282	282,433	2.8
Computers	568	589	610	-3.6	-3.4	3.0	734	530	615	836	7,177	9,483	-24.3
Nondefense communications equipment	3,698	3,484	3,189	6.1	9.3	-1.9	4,570	2,821	3,026	4,069	40,486	41,006	-1.3
Defense communications equipment	253	284	300	-10.9	-5.3	4.5	242	255	259	317	3,415	3,796	-10.0
Electronic components	4,947	4,855	4,866	1.9	-0.2	-2.6	4,918	4,391	4,835	4,718	57,430	52,169	10.1
Nondefense search and navigation equipment	1,777	1,536	1,493	15.7	2.9	1.2	1,516	1,529	1,492	1,334	17,765	17,850	-0.5
Defense search and navigation equipment	2,570	2,370	2,442	8.4	-2.9	-1.2	3,414	2,162	2,258	3,587	31,254	29,954	4.3
Electromedical, measuring, and control instruments	9,411	9,409	9,340	0.0	0.7	0.7	10,982	8,877	8,924	10,697	110,412	104,719	5.4
Electrical equipment, appliances, and components	9,858	9,913	9,776	-0.6	1.4	1.6	9,826	9,569	9,803	9,833	116,204	121,248	-4.2
Electric lighting equipment	1,026	1,030	1,014	-0.4	1.6	-8.2	1,047	1,050	1,088	1,120	12,771	12,436	2.7
Household appliances	1,367	1,362	1,380	0.4	-1.3	-4.0	1,353	1,453	1,445	1,460	16,790	18,439	-8.9
Electrical equipment	2,945	2,985	2,910	-1.3	2.6	3.3	2,852	2,836	2,797	3,019	35,061	38,739	-9.5
Transportation equipment	73,473	75,354	88,332	-2.5	-14.7	12.3	85,663	78,454	87,704	90,858	945,564	948,451	-0.3
Motor vehicle bodies, parts, and trailers	29,409	29,054	28,541	1.2	1.8	-1.5	26,524	28,700	29,148	24,140	337,903	309,020	9.3
Nondefense aircraft and parts	6,102	4,295	21,903	42.1	-80.4	94.5	18,758	8,535	20,299	25,485	135,824	162,778	-16.6
Defense aircraft and parts	2,738	7,611	3,823	-64.0	99.1	37.7	5,299	7,732	3,633	5,631	54,657	57,649	-5.2
Ships and boats	3,696	3,087	3,060	19.7	0.9	8.5	3,852	2,918	2,888	2,292	34,914	24,204	44.2
Furniture and related products	6,419	6,331	6,413	1.4	-1.3	-1.3	5,616	6,105	6,357	5,543	76,188	73,158	4.1
Nondurable goods industries	237,760	230,603	230,106	3.1	0.2	0.6	230,822	226,926	234,004	220,197	2,727,441	2,799,053	-2.6

[p] Preliminary **[r] 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/>.