

Table 1. Value of Manufacturers' Shipments for Industry Groups¹
January 2016 - March 2016

[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		
	Mar. 2016	Feb. 2016	Jan. 2016	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2016	Feb. 2016	Jan. 2016	Mar. 2015	2016	2015	Percent change 2016/ 2015
All manufacturing industries ²	455,251	453,120	455,773	0.5	-0.6	-0.1	486,963	436,362	409,381	498,845	1,332,706	1,361,037	-2.1
Excluding transportation ²	374,963	371,164	373,211	1.0	-0.5	-1.2	394,927	355,539	340,303	407,846	1,090,769	1,131,092	-3.6
Excluding defense ²	442,736	440,598	443,689	0.5	-0.7	0.0	472,419	424,421	399,827	485,094	1,296,667	1,328,147	-2.4
With unfilled orders.....	163,101	163,483	165,001	-0.2	-0.9	1.7	179,555	157,534	143,545	182,144	480,634	482,865	-0.5
Durable goods industries ²	231,207	232,924	234,743	-0.7	-0.8	1.6	253,254	225,222	204,524	255,493	683,000	678,008	0.7
Wood products.....	8,400	8,234	8,092	2.0	1.8	0.4	8,379	7,574	6,761	7,621	22,714	21,374	6.3
Nonmetallic mineral products.....	9,898	9,954	9,849	-0.6	1.1	1.1	9,857	8,798	8,288	9,233	26,943	25,416	6.0
Primary metals.....	17,543	17,644	17,763	-0.6	-0.7	0.2	18,726	17,621	17,002	21,316	53,349	61,570	-13.4
Iron and steel mills.....	7,796	7,943	8,045	-1.9	-1.3	3.3	8,204	7,877	7,762	9,843	23,843	29,146	-18.2
Aluminum and nonferrous metals.....	8,237	8,166	8,172	0.9	-0.1	-1.6	8,893	8,229	7,846	9,715	24,968	27,587	-9.5
Ferrous metal foundries.....	1,510	1,535	1,546	-1.6	-0.7	-5.8	1,629	1,515	1,394	1,758	4,538	4,837	-6.2
Fabricated metal products.....	29,387	29,559	29,764	-0.6	-0.7	1.3	30,760	28,664	27,160	30,776	86,584	86,265	0.4
Machinery.....	30,536	30,580	30,985	-0.1	-1.3	-1.6	33,909	30,043	26,700	36,105	90,652	95,102	-4.7
Farm machinery.....	1,745	1,724	1,807	1.2	-4.6	-10.3	2,246	2,102	1,663	2,600	6,011	6,849	-12.2
Construction machinery.....	2,851	2,984	2,853	-4.5	4.6	-10.8	3,120	2,914	2,359	4,244	8,393	11,332	-25.9
Mining, oil field, and gas field machinery.....	1,218	1,162	1,233	4.8	-5.8	-5.7	1,311	1,104	1,110	2,118	3,525	6,131	-42.5
Industrial machinery.....	2,461	2,437	2,496	1.0	-2.4	1.3	2,769	2,237	2,051	2,565	7,057	6,171	14.4
Photographic equipment.....	458	432	440	6.0	-1.8	-0.2	534	378	355	491	1,267	1,189	6.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,546	3,570	3,562	-0.7	0.2	-0.3	3,679	3,017	2,803	3,670	9,499	9,281	2.3
Metalworking machinery.....	2,992	3,049	3,162	-1.9	-3.6	9.6	3,321	2,782	2,700	2,888	8,803	7,598	15.9
Turbines, generators, and other power transmission equipment.....	4,117	3,962	3,977	3.9	-0.4	-0.6	4,285	4,037	3,703	5,145	12,025	13,677	-12.1
Material handling equipment.....	2,864	2,958	3,081	-3.2	-4.0	3.7	3,108	2,911	2,685	2,638	8,704	7,003	24.3
Computers and electronic products ²	26,495	26,344	26,587	0.6	-0.9	1.1	28,988	23,734	23,097	28,277	75,819	71,936	5.4
Computers.....	598	584	696	2.4	-16.1	0.0	624	461	578	1,014	1,663	2,022	-17.8
Computer storage devices.....	524	575	545	-8.9	5.5	7.7	806	384	367	914	1,557	1,620	-3.9
Other peripheral equipment.....	673	752	792	-10.5	-5.1	16.5	858	573	500	1,152	1,931	2,377	-18.8
Nondefense communications equipment.....	3,015	2,986	2,947	1.0	1.3	-6.3	3,468	2,625	2,324	3,602	8,417	8,589	-2.0
Defense communications equipment....	283	322	268	-12.1	20.1	-31.3	295	316	231	389	842	1,023	-17.7
Audio and video equipment.....	370	359	362	3.1	-0.8	4.6	392	311	282	153	985	487	102.3
Electronic components.....	4,642	4,602	4,625	0.9	-0.5	4.7	4,851	4,170	4,070	4,280	13,091	10,886	20.3
Nondefense search and navigation equipment.....	1,391	1,370	1,398	1.5	-2.0	0.9	1,683	1,344	1,147	1,520	4,174	3,580	16.6
Defense search and navigation equipment.....	2,492	2,476	2,512	0.6	-1.4	-0.5	2,701	2,424	1,997	2,742	7,122	6,994	1.8
Electromedical, measuring, and control instruments.....	8,865	8,838	8,838	0.3	0.0	0.9	10,119	8,180	7,489	9,473	25,788	24,112	7.0
Electrical equipment, appliances, and components.....	9,250	9,357	9,611	-1.1	-2.6	-1.6	9,878	8,933	8,473	11,006	27,284	29,958	-8.9
Electric lighting equipment.....	1,054	1,048	1,066	0.6	-1.7	1.2	1,078	1,031	948	1,033	3,057	2,877	6.3
Household appliances.....	1,367	1,415	1,467	-3.4	-3.5	-0.4	1,491	1,310	1,191	1,727	3,992	4,492	-11.1
Electrical equipment.....	2,924	2,944	2,976	-0.7	-1.1	-4.5	3,271	2,866	2,550	3,651	8,687	9,676	-10.2
Batteries.....	799	813	824	-1.7	-1.3	2.0	787	732	713	828	2,232	2,360	-5.4
Transportation equipment.....	80,288	81,956	82,562	-2.0	-0.7	5.0	92,036	80,823	69,078	90,999	241,937	229,945	5.2
Automobiles.....	10,022	10,548	10,774	-5.0	-2.1	4.0	11,108	10,805	9,356	12,260	31,269	30,671	1.9
Light trucks and utility vehicles.....	14,944	15,953	15,791	-6.3	1.0	3.7	17,103	16,244	13,199	16,284	46,546	41,230	12.9
Heavy duty trucks.....	2,335	2,381	2,439	-1.9	-2.4	1.2	2,562	2,263	2,080	2,981	6,905	7,645	-9.7
Motor vehicle bodies, parts, and trailers.....	27,216	27,437	27,290	-0.8	0.5	1.9	30,418	28,444	24,303	27,953	83,165	74,917	11.0
Nondefense aircraft and parts.....	13,091	13,093	14,135	0.0	-7.4	29.8	16,037	11,323	10,602	16,925	37,962	39,571	-4.1
Defense aircraft and parts.....	4,677	4,437	4,434	5.4	0.1	-9.6	5,704	3,789	3,373	5,588	12,866	12,627	1.9
Ships and boats.....	3,065	3,169	2,979	-3.3	6.4	1.7	3,282	3,163	2,417	3,030	8,862	7,768	14.1
Furniture and related products.....	6,291	6,215	6,242	1.2	-0.4	-0.2	6,434	6,178	5,816	5,876	18,428	17,114	7.7
Miscellaneous durable goods.....	13,119	13,081	13,288	0.3	-1.6	-2.5	14,287	12,854	12,149	14,284	39,290	39,328	-0.1
Nondurable goods industries.....	224,044	220,196	221,030	1.7	-0.4	-1.9	233,709	211,140	204,857	243,352	649,706	683,029	-4.9
Food products.....	64,091	64,101	64,369	0.0	-0.4	1.4	65,703	63,497	62,020	65,867	191,220	191,016	0.1
Grain and oilseed milling.....	8,040	8,053	7,973	-0.2	1.0	-2.1	8,308	7,988	7,781	7,991	24,077	23,469	2.6
Dairy products.....	9,148	9,182	9,219	-0.4	-0.4	0.4	9,264	8,653	8,865	9,272	26,782	27,061	-1.0
Meat, poultry, and seafood products...	18,030	17,642	17,743	2.2	-0.6	2.1	18,089	17,479	16,898	19,035	52,466	56,100	-6.5
Beverage and tobacco products.....	12,203	11,878	11,940	2.7	-0.5	0.1	12,477	11,161	10,576	12,488	34,214	34,111	0.3
Beverages.....	9,236	9,078	9,308	1.7	-2.5	3.7	9,510	8,361	7,944	9,225	25,815	25,016	3.2
Tobacco.....	2,967	2,800	2,632	6.0	6.4	-10.8	2,967	2,800	2,632	3,263	8,399	9,095	-7.7
Textile mills.....	2,513	2,497	2,531	0.6	-1.3	-0.2	2,642	2,473	2,347	2,700	7,462	7,605	-1.9
Textile products.....	1,956	1,938	1,981	0.9	-2.2	-0.3	2,050	1,973	1,798	2,086	5,821	6,078	-4.2
Apparel.....	1,021	1,017	1,013	0.4	0.4	-1.7	958	1,003	896	928	2,857	2,787	2.5
Leather and allied products.....	336	338	350	-0.6	-3.4	0.9	354	345	320	442	1,019	1,227	-17.0
Paper products.....	15,263	15,155	15,274	0.7	-0.8	-0.2	15,666	14,683	14,724	15,421	45,073	44,691	0.9
Pulp, paper, and paperboard mills.....	6,801	6,764	6,877	0.5	-1.6	0.3	6,965	6,533	6,755	6,972	20,253	20,346	-0.5
Paperboard containers.....	4,698	4,690	4,645	0.2	1.0	0.6	4,843	4,496	4,411	4,620	13,750	13,367	2.9
Printing.....	7,169	7,180	7,191	-0.2	-0.2	-1.0	7,486	6,677	6,705	7,308	20,868	20,333	2.6
Petroleum and coal products.....	33,611	30,926	31,230	8.7	-1.0	-13.6	33,235	26,929	27,434	47,334	87,598	130,006	-32.6
Petroleum refineries.....	30,160	27,514	27,957	9.6	-1.6	-14.7	29,753	23,962	25,012	44,175	78,727	121,308	-35.1
Chemical products.....	66,925	66,205	66,240	1.1	-0.1	-0.3	73,021	64,088	60,801	68,698	197,910	189,150	4.6
Pesticides, fertilizers, and other agricultural chemicals.....	4,284	4,195	3,883	2.1	8.0	-4.2	6,307	4,598	3,025	5,352	13,930	12,484	11.6
Pharmaceuticals and medicines.....	22,260	21,819	22,119	2.0	-1.4	1.0	23,568	20,547	20,841	18,967	64,956	52,010	24.9
Paints, coatings, and adhesives.....	3,644	3,583	3,571	1.7	0.3	1.1	3,991	3,378	3,085	3,593	10,454	9,575	9.2
Plastics and rubber products.....	18,956	18,961	18,911	0.0	0.3	0.3	20,117	18,311	17,236	20,080	55,664	56,025	-0.6

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 Estimates and percent changes of shipments for the semiconductor industry are included in computers and electronic products, and all other applicable aggregate totals.

See note at end of Table 2 relating to survey error and revision.