

Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series^{1, 2}

[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		% Change ⁶
	July 2020 ^p	June 2020 ^f	May 2020	June - July	May - June	Apr. - May	July 2020 ^p	June 2020 ^f	May 2020	July 2019	2020 ^p	2019	
SHIPMENTS													
All manufacturing industries.....	479,530	458,275	416,573	4.6	10.0	3.0	466,322	483,749	418,914	489,206	3,205,987	3,494,301	-8.3
Construction materials and supplies.....	51,710	50,010	47,637	3.4	5.0	2.7	54,316	55,314	49,687	54,481	353,470	361,151	-2.1
Information technology.....	24,619	23,902	23,863	3.0	0.2	0.3	23,047	26,649	22,681	22,472	163,567	162,832	0.5
Computers and related products.....	1,830	1,702	1,839	7.5	-7.4	4.0	1,645	2,167	1,645	1,523	11,854	11,063	7.1
Motor vehicle and parts.....	64,273	51,876	28,370	23.9	82.9	27.2	55,860	55,343	28,486	52,604	329,418	420,922	-21.7
Capital goods.....	79,886	78,420	75,600	1.9	3.7	0.1	75,229	85,810	73,867	78,555	552,482	594,489	-7.1
Nondefense capital goods ³	67,569	66,248	63,227	2.0	4.8	0.2	64,302	73,193	61,672	68,059	469,202	511,819	-8.3
Excluding aircraft.....	65,925	64,351	62,026	2.4	3.7	1.5	62,987	70,671	60,438	63,311	445,970	458,369	-2.7
Defense capital goods ⁴	12,317	12,172	12,373	1.2	-1.6	-0.5	10,927	12,617	12,195	10,496	83,280	82,670	0.7
Consumer goods.....	202,168	189,647	161,587	6.6	17.4	4.8	195,725	194,741	163,079	208,744	1,298,693	1,470,739	-11.7
Consumer durable goods.....	46,570	36,986	18,178	25.9	103.5	26.4	39,974	38,835	17,987	37,091	225,084	296,983	-24.2
Consumer nondurable goods.....	155,598	152,661	143,409	1.9	6.5	2.5	155,751	155,906	145,092	171,653	1,073,609	1,173,756	-8.5
NEW ORDERS													
All manufacturing industries ⁵	466,082	438,247	411,695	6.4	6.4	7.7	451,897	463,716	408,235	483,479	3,117,227	3,447,009	-9.6
Construction materials and supplies.....	51,609	50,167	47,520	2.9	5.6	4.9	54,229	55,588	49,740	54,547	353,814	364,210	-2.9
Information technology.....	24,740	23,938	23,976	3.4	-0.2	0.0	22,726	26,579	22,475	21,855	165,268	164,942	0.2
Computers and related products.....	1,819	1,661	1,807	9.5	-8.1	4.2	1,634	2,126	1,613	1,514	11,699	11,011	6.2
Motor vehicle and parts.....	64,168	52,624	28,385	21.9	85.4	28.7	55,504	55,393	28,356	52,107	329,068	419,390	-21.5
Capital goods.....	72,082	63,458	75,292	13.6	-15.7	24.4	67,533	71,505	68,213	78,712	497,138	580,287	-14.3
Nondefense capital goods ³	58,051	52,665	62,334	10.2	-15.5	26.2	57,454	58,383	57,225	71,282	407,535	500,360	-18.6
Excluding aircraft.....	66,112	64,885	62,226	1.9	4.3	1.5	62,976	70,067	60,473	62,943	451,887	460,832	-1.9
Defense capital goods ⁴	14,031	10,793	12,958	30.0	-16.7	16.6	10,079	13,122	10,988	7,430	89,603	79,927	12.1
Consumer goods.....	202,364	189,822	161,774	6.6	17.3	4.9	195,965	194,793	163,260	208,838	1,299,372	1,470,981	-11.7
Consumer durable goods.....	46,766	37,161	18,365	25.8	102.3	27.8	40,214	38,887	18,168	37,185	225,763	297,225	-24.0
Consumer nondurable goods.....	155,598	152,661	143,409	1.9	6.5	2.5	155,751	155,906	145,092	171,653	1,073,609	1,173,756	-8.5
UNFILLED ORDERS													
All manufacturing industries ⁵	1,084,341	1,092,630	1,107,813	-0.8	-1.4	0.0	1,085,733	1,095,100	1,110,448	1,149,544	(X)	(X)	-5.6
Construction materials and supplies.....	50,377	50,478	50,321	-0.2	0.3	-0.2	51,461	51,548	51,274	54,754	(X)	(X)	-6.0
Information technology.....	114,678	114,557	114,521	0.1	0.0	0.1	114,911	115,232	115,302	113,813	(X)	(X)	1.0
Computers and related products.....	1,853	1,864	1,905	-0.6	-2.2	-1.7	1,853	1,864	1,905	1,939	(X)	(X)	-4.4
Motor vehicle and parts.....	21,028	21,133	20,385	-0.5	3.7	0.1	20,398	20,754	20,704	20,371	(X)	(X)	0.1
Capital goods.....	780,786	788,590	803,552	-1.0	-1.9	0.0	782,929	790,625	804,930	851,816	(X)	(X)	-8.1
Nondefense capital goods ³	600,779	610,297	623,880	-1.6	-2.2	-0.1	602,997	609,845	624,655	688,839	(X)	(X)	-12.5
Excluding aircraft.....	217,297	217,110	216,576	0.1	0.2	0.1	218,051	218,062	218,666	215,878	(X)	(X)	1.0
Defense capital goods ⁴	180,007	178,293	179,672	1.0	-0.8	0.3	179,932	180,780	180,275	162,977	(X)	(X)	10.4
Consumer goods.....	5,384	5,188	5,013	3.8	3.5	3.9	5,369	5,129	5,077	4,461	(X)	(X)	20.4
Consumer durable goods.....	5,384	5,188	5,013	3.8	3.5	3.9	5,369	5,129	5,077	4,461	(X)	(X)	20.4
TOTAL INVENTORIES													
All manufacturing industries.....	687,216	690,353	686,935	-0.5	0.5	0.2	690,711	687,081	689,972	698,908	(X)	(X)	-1.2
Construction materials and supplies.....	68,994	70,287	71,273	-1.8	-1.4	-1.0	69,346	70,314	72,053	72,955	(X)	(X)	-4.9
Information technology.....	39,317	39,434	39,407	-0.3	0.1	0.2	39,782	39,417	39,968	39,041	(X)	(X)	1.9
Computers and related products.....	3,845	3,897	3,936	-1.3	-1.0	1.4	3,981	3,930	3,993	3,946	(X)	(X)	0.9
Motor vehicle and parts.....	39,215	40,128	40,147	-2.3	0.0	0.5	39,973	39,222	40,004	40,418	(X)	(X)	-1.1
Capital goods.....	214,305	213,903	212,594	0.2	0.6	0.6	215,944	213,750	214,067	204,698	(X)	(X)	5.5
Nondefense capital goods ³	193,147	192,762	191,551	0.2	0.6	0.7	194,734	192,514	192,986	183,623	(X)	(X)	6.1
Excluding aircraft.....	127,839	128,443	128,971	-0.5	-0.4	0.0	129,075	128,403	130,007	129,897	(X)	(X)	-0.6
Defense capital goods ⁴	21,158	21,141	21,043	0.1	0.5	-0.3	21,210	21,236	21,081	21,075	(X)	(X)	0.6
Consumer goods.....	202,693	202,994	198,808	-0.1	2.1	0.8	203,082	201,193	198,373	213,537	(X)	(X)	-4.9
Consumer durable goods.....	31,198	31,499	31,144	-1.0	1.1	0.6	31,448	30,632	30,802	32,771	(X)	(X)	-4.0
Consumer nondurable goods.....	171,495	171,495	167,664	0.0	2.3	0.9	171,634	170,561	167,571	180,766	(X)	(X)	-5.1

^x Not Applicable

^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 Topical series are regroupings of the separate industry categories.

³ Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

⁴ Defense capital goods industries include: small arms and ordnance; communications equipment; aircraft; missiles, space vehicles, and parts; ships and boats; and search and navigation equipment.

⁵ Estimates and percent changes exclude semiconductor industry data.

⁶ Based on year-to-date for shipments and new orders, but on same month prior year for unfilled orders and inventories.

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, July Full Report, September 2, 2020. 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>.