

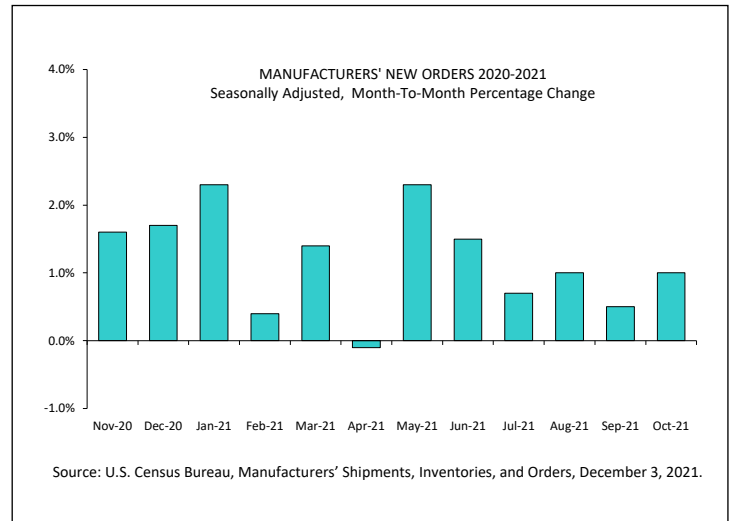
MONTHLY FULL REPORT ON MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS OCTOBER 2021

Release Number: CB 21-183 M3-2 (21)-10

Statement Regarding COVID-19 Impact: The Census Bureau continues to monitor response and data quality and has determined that estimates in this release meet publication standards. For more information, see < [M3 COVID-19 FAQs](#)>.

December 3, 2021 — The U.S. Census Bureau announces the October full report on manufacturers' shipments, inventories and orders:

 MANUFACTURED GOODS – NEW ORDERS		
OCTOBER 2021	\$522.1 billion	+1.0%°
SEPTEMBER 2021 (revised)	\$517.1 billion	+0.5%°
Next release: January 6, 2022		
<small>Data adjusted for seasonal variation but not for price changes. Statistical significance is not measurable for this survey. The Manufacturers' Shipments, Inventories, and Orders estimates are not based on a probability sample, so the sampling error of these estimates cannot be measured nor can the confidence intervals be computed. Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories and Orders, December 3, 2021.</small>		



Summary

New orders for manufactured goods in October, up seventeen of the last eighteen months, increased \$5.1 billion or 1.0 percent to \$522.1 billion, the U.S. Census Bureau reported today. This followed a 0.5 percent September increase. Shipments, also up seventeen of the last eighteen months, increased \$10.2 billion or 2.0 percent to \$523.4 billion. This followed a 1.0 percent September increase. Unfilled orders, up nine consecutive months, increased \$3.1 billion or 0.3 percent to \$1,249.8 billion. This followed a 0.7 percent September increase. The unfilled orders-to-shipments ratio was 6.76, down from 6.82 in September. Inventories, up sixteen of the last seventeen months, increased \$6.4 billion or 0.8 percent to \$764.2 billion. This followed a 1.0 percent September increase. The inventories-to-shipments ratio was 1.46, down from 1.48 in September.

Data Inquiries

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New Orders

New orders for manufactured durable goods in October, down two consecutive months, decreased \$1.1 billion or 0.4 percent to \$260.3 billion, up from the previously published 0.5 percent decrease. This followed a 0.4 percent September decrease. Transportation equipment, down three of the last four months, drove the decrease, \$2.0 billion or 2.6 percent to \$75.3 billion. New orders for manufactured nondurable goods increased \$6.1 billion or 2.4 percent to \$261.9 billion.

Shipments

Shipments of manufactured durable goods in October, up five of the last six months, increased \$4.1 billion or 1.6 percent to \$261.5 billion, up from the previously published 1.5 percent increase. This followed a 0.6 percent September increase. Transportation equipment, up following two consecutive monthly decreases, led the increase, \$2.3 billion or 3.2 percent to \$75.3 billion. Shipments of manufactured nondurable goods, up seventeen of the last eighteen months, increased \$6.1 billion or 2.4 percent to \$261.9 billion. This followed a 1.3 percent September increase. Petroleum and coal products, up sixteen of the last seventeen months, led the increase, \$4.5 billion or 8.5 percent to \$57.7 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in October, up nine consecutive months, increased \$3.1 billion or 0.3 percent to \$1,249.8 billion, up from the previously published 0.2 percent increase. This followed a 0.7 percent September increase. Machinery, up nineteen consecutive months, led the increase, \$1.4 billion or 1.3 percent to \$113.9 billion.

Inventories

Inventories of manufactured durable goods in October, up nine consecutive months, increased \$3.1 billion or 0.7 percent to \$466.4 billion, up from the previously published 0.6 percent increase. This followed a 1.0 percent September increase. Fabricated metal products, up thirteen consecutive months, led the increase, \$1.0 billion or 1.6 percent to \$61.1 billion. Inventories of manufactured nondurable goods, up fourteen of the last fifteen months, increased \$3.3 billion or 1.1 percent to \$297.8 billion. This followed a 0.9 percent September increase. Petroleum and coal products, up eleven of the last twelve months, led the increase, \$2.5 billion or 5.6 percent to \$46.1 billion. By stage of fabrication, October materials and supplies increased 1.7 percent in durable goods and 1.2 percent in nondurable goods. Work in process decreased 0.3 percent in durable goods and increased 1.5 percent in nondurable goods. Finished goods increased 0.5 percent in durable goods and 0.9 percent in nondurable goods.

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The Advance Report on durable goods for November is scheduled for release on December 23, 2021 at 8:30 a.m. EST and the Full Report on January 6, 2022 at 10:00 a.m. EST. View the full schedule in the Economic Briefing Room: <www.census.gov/economic-indicators/>. The full text and tables of this release can be found at <www.census.gov/m3>.

EXPLANATORY NOTES

Figures in text are adjusted for seasonality, but not for inflation. Figures on new and unfilled orders exclude data for semiconductor manufacturing.

“Virtually unchanged” indicates that the change is less than 0.05 percent for a percent increase or decrease.

Description of the survey

This report is compiled from results of the U.S. Census Bureau’s Manufacturers’ Shipments, Inventories, and Orders (M3) survey, which is a voluntary survey authorized by Title 13 of the United States Code. This survey provides statistics on a calendar-month basis for manufacturers’ value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). Data published from the M3 survey are based on a panel of approximately 5,000 reporting units that represent approximately 3,100 companies and provide an indication of month-to-month change for the Manufacturing Sector. These reporting units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 92 industry categories, which are combined into 65 publication levels due to the small monthly panel size. The survey methodology assumes that the month-to-month changes of the total operations of the reporting units in the M3 panel effectively represent the month-to-month movements of all establishments that make up the category. The companies for which shipments data are currently reported or imputed in the M3 survey represent approximately 60 percent of the total value of shipments for manufacturing establishments in the 2017 Economic Census, and these companies include roughly 61 percent of the manufacturing companies with \$500 million or more in shipments in the 2017 Economic Census. The companies for which shipments data are currently reported in the M3 survey represent approximately 51 percent of the total value of shipments for manufacturing establishments in the 2017 Economic Census. Statistics based on the M3 panel differ from the results that would be obtained from a complete enumeration of all manufacturing companies. The M3 panel is not based on a probability sample; therefore, the sampling errors that are

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normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source. Any corrections will be published in the full report. Corrections received after the full report will be released in the next month's advance report. Any revisions made later than two months will be reflected in the annual benchmark publication. Additional survey documentation can be found on our web site:

www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html.

Special Notice - New Advance Estimates Of Total Manufacturing

Beginning with September 2021 data released on October 27, 2021, advance estimates of total manufacturing, including M3 durable and nondurable industries, for shipments and inventories, are available at the same time as the Advance Report on Durable Goods Manufacturers' Shipments, Inventories and Orders. Monthly advance total manufacturing estimates are available on a seasonally adjusted basis as well as a not seasonally adjusted basis on the M3 website under the "Advance Report Highlights".

2022 Release Dates for the M3 Survey

Survey month	Advance Report (8:30 a.m. release time)	Full Report (10:00 a.m. release time)
Nov-21	Thu 12/23/2021	Thu 1/6/2022
Dec-21	Thu 1/27/2022	Thu 2/3/2022
Jan-22	Fri 2/25/2022	Thu 3/3/2022
Feb-22	Thu 3/24/2022	Mon 4/4/2022
Mar-22	Tue 4/26/2022	Tue 5/3/2022
Apr-22	Wed 5/25/2022	Thu 6/2/2022
May-22	Mon 6/27/2022	Tue 7/5/2022
Jun-22	Wed 7/27/2022	Wed 8/3/2022
Jul-22	Wed 8/24/2022	Fri 9/2/2022
Aug-22	Tue 9/27/2022	Tue 10/4/2022
Sep-22	Thu 10/27/2022	Thu 11/3/2022
Oct-22	Wed 11/23/2022	Mon 12/5/2022
Nov-22	Fri 12/23/2022	Not available at this time

OMB: [Schedule of Release Dates 2022 \(whitehouse.gov\)](https://www.whitehouse.gov/schedule-of-release-dates)

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RESOURCES

API

The Census Bureau's application programming interface (API) lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

<www.census.gov/developers/>.

FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App <<https://fred.stlouisfed.org/fred-mobile/>> for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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Table 1. Value of Manufacturers' Shipments 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			% Change 2021/ 2020
	Oct. 2021 ^p	Sep. 2021 ^r	Aug. 2021	Sep. - Oct.	Aug. - Sep.	July - Aug.	Oct. 2021 ^p	Sep. 2021 ^r	Aug. 2021	Oct. 2020	2021 ^p	2020	
All manufacturing industries.....	523,398	513,205	508,234	2.0	1.0	0.1	529,940	530,156	523,537	474,467	4,997,483	4,434,998	12.7
Excluding transportation.....	448,123	440,238	434,977	1.8	1.2	0.6	452,677	451,978	447,968	397,150	4,263,398	3,772,934	13.0
Excluding defense.....	508,868	499,081	493,990	2.0	1.0	0.1	515,628	514,527	509,690	461,207	4,859,796	4,307,153	12.8
With unfilled orders.....	184,926	182,747	180,865	1.2	1.0	0.3	185,352	193,408	184,621	165,243	1,766,006	1,564,082	12.9
Durable goods industries.....	261,545	257,492	255,914	1.6	0.6	-0.5	265,381	272,020	263,615	245,809	2,525,874	2,236,086	13.0
Wood products.....	11,463	11,349	11,335	1.0	0.1	-0.9	11,968	11,838	12,063	10,466	115,460	92,170	25.3
Nonmetallic mineral products.....	11,866	11,777	11,698	0.8	0.7	0.4	12,686	12,603	12,971	12,341	118,167	111,664	5.8
Primary metals.....	24,734	24,060	23,896	2.8	0.7	-0.1	24,491	24,450	24,626	19,097	229,334	183,582	24.9
Iron and steel mills.....	12,515	12,310	12,081	1.7	1.9	1.6	12,208	12,438	12,312	8,995	114,787	88,583	29.6
Aluminum and nonferrous metals.....	10,801	10,399	10,454	3.9	-0.5	-1.5	10,880	10,596	10,876	8,801	101,325	82,471	22.9
Ferrous metal foundries.....	1,418	1,351	1,361	5.0	-0.7	-2.8	1,403	1,416	1,438	1,301	13,222	12,528	5.5
Fabricated metal products.....	36,206	35,634	35,089	1.6	1.6	1.1	37,117	36,975	36,930	31,676	343,056	298,139	15.1
Machinery.....	37,065	37,189	36,625	-0.3	1.5	1.3	36,841	38,185	36,697	32,634	355,865	311,474	14.3
Farm machinery.....	2,637	2,965	2,580	-11.1	14.9	-0.8	2,484	2,757	2,341	2,933	27,592	25,690	7.4
Construction machinery.....	3,141	3,294	3,389	-4.6	-2.8	5.2	3,186	3,272	3,379	2,943	32,147	26,548	21.1
Mining, oil field, and gas field machinery.....	1,383	1,376	1,336	0.5	3.0	-2.4	1,379	1,435	1,297	1,247	13,128	13,172	-0.3
Industrial machinery.....	5,594	5,466	5,087	2.3	7.5	1.9	5,694	6,311	5,076	2,993	45,444	30,086	51.0
Photographic equipment.....	539	531	516	1.5	2.9	1.2	503	610	488	477	5,158	4,940	4.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,315	4,205	4,177	2.6	0.7	2.3	4,134	4,434	4,530	3,865	42,037	38,246	9.9
Metalworking machinery.....	2,761	2,733	2,819	1.0	-3.1	-0.4	2,823	2,878	2,861	2,710	27,377	24,597	11.3
Turbines, generators, and other power transmission equipment.....	3,864	4,000	4,025	-3.4	-0.6	2.2	3,991	3,863	4,106	3,778	39,188	35,316	11.0
Material handling equipment.....	2,968	2,949	2,942	0.6	0.2	-1.0	3,007	2,991	3,034	2,762	28,770	25,892	11.1
Computers and electronic products ²	29,130	29,178	28,995	-0.2	0.6	0.3	29,087	32,586	29,098	28,475	284,692	268,210	6.1
Computers.....	703	697	728	0.9	-4.3	-1.4	704	784	781	725	7,141	6,985	2.2
Computer storage devices.....	704	721	720	-2.4	0.1	-1.6	672	696	636	552	6,737	5,144	31.0
Other peripheral equipment.....	540	543	529	-0.6	2.6	-1.7	503	655	511	506	5,299	5,056	4.8
Nondefense communications equipment.....	3,244	3,236	3,240	0.2	-0.1	0.7	2,832	4,076	2,912	2,987	31,133	28,902	7.7
Defense communications equipment.....	240	235	231	2.1	1.7	-2.5	245	273	242	238	2,288	2,202	3.9
Audio and video equipment.....	234	242	220	-3.3	10.0	-1.8	321	240	205	327	2,098	2,133	-1.6
Electronic components.....	4,825	4,775	4,622	1.0	3.3	1.0	4,703	5,006	4,925	4,426	46,073	43,332	6.3
Nondefense search and navigation equipment.....	1,537	1,526	1,527	0.7	-0.1	-0.7	1,462	1,708	1,548	1,441	15,061	14,667	2.7
Defense search and navigation equipment.....	3,026	3,018	3,042	0.3	-0.8	-0.6	2,967	3,298	2,994	2,955	29,773	29,028	2.6
Electromedical, measuring, and control instruments.....	9,551	9,557	9,576	-0.1	-0.2	1.2	9,434	10,750	9,438	9,345	93,795	88,190	6.4
Electrical equipment, appliances, and components.....	12,860	12,630	12,545	1.8	0.7	-0.7	12,949	13,678	13,109	11,579	124,093	108,825	14.0
Electric lighting equipment.....	1,147	1,162	1,142	-1.3	1.8	1.0	1,179	1,215	1,194	1,167	11,499	11,288	1.9
Household appliances.....	2,659	2,677	2,623	-0.7	2.1	0.6	2,604	2,994	2,707	2,568	25,868	20,846	24.1
Electrical equipment.....	3,412	3,326	3,301	2.6	0.8	-2.0	3,247	3,709	3,440	2,960	33,162	32,699	1.4
Batteries.....	916	865	912	5.9	-5.2	1.4	1,036	952	1,000	950	8,817	7,713	14.3
Transportation equipment.....	75,275	72,967	73,257	3.2	-0.4	-3.1	77,263	78,178	75,569	77,317	734,085	662,064	10.9
Automobiles.....	5,366	4,795	5,456	11.9	-12.1	-6.8	5,724	5,019	5,864	8,041	55,427	62,969	-12.0
Light trucks and utility vehicles.....	17,255	16,108	16,446	7.1	-2.1	-9.2	18,609	17,519	18,296	19,380	172,381	139,115	23.9
Heavy duty trucks.....	2,853	2,813	2,677	1.4	5.1	3.9	2,921	2,986	2,663	2,814	27,586	23,469	17.5
Motor vehicle bodies, parts, and trailers.....	27,023	26,594	26,584	1.6	0.0	0.6	28,160	27,064	28,104	27,554	264,721	242,783	9.0
Nondefense aircraft and parts.....	8,241	8,556	7,941	-3.7	7.7	-1.3	7,452	10,263	6,709	6,418	76,349	66,934	14.1
Defense aircraft and parts.....	4,638	4,395	4,530	5.5	-3.0	-0.1	4,626	5,010	4,518	4,719	44,510	45,680	-2.6
Ships and boats.....	3,239	3,286	3,295	-1.4	-0.3	-3.5	3,189	3,318	3,281	2,754	31,378	27,224	15.3
Furniture and related products.....	6,128	6,062	5,989	1.1	1.2	0.6	6,245	6,101	6,397	6,143	59,946	59,644	0.5
Miscellaneous durable goods.....	16,818	16,646	16,485	1.0	1.0	0.6	16,734	17,426	16,155	16,081	161,176	140,314	14.9
Non durable goods industries.....	261,853	255,713	252,320	2.4	1.3	0.7	264,559	258,136	259,922	228,658	2,471,609	2,198,912	12.4
Food products.....	70,560	70,517	70,243	0.1	0.4	0.0	73,101	72,094	71,499	70,628	694,078	665,256	4.3
Grain and oilseed milling.....	7,944	7,922	7,832	0.3	1.1	-1.5	8,083	7,802	8,135	7,413	76,876	69,882	10.0
Dairy products.....	10,747	10,773	10,821	-0.2	-0.4	0.5	11,006	10,824	10,982	11,153	107,444	103,818	3.5
Meat, poultry, and seafood products.....	20,082	20,112	19,868	-0.1	1.2	0.7	20,210	20,265	20,266	18,504	195,453	185,384	5.4
Beverage and tobacco products.....	13,965	14,203	13,964	-1.7	1.7	3.4	13,953	14,600	14,530	12,944	134,992	126,612	6.6
Beverages.....	10,148	9,782	9,696	3.7	0.9	0.6	10,136	10,179	10,262	9,222	96,348	89,933	7.1
Tobacco.....	3,817	4,421	4,268	-13.7	3.6	10.4	3,817	4,421	4,268	3,722	38,644	36,679	5.4
Textile mills.....	2,314	2,280	2,266	1.5	0.6	-2.5	2,374	2,320	2,416	2,195	23,087	20,973	10.1
Textile products.....	1,864	1,876	1,878	-0.6	-0.1	0.6	1,924	1,868	1,944	1,826	18,850	17,577	7.2
Apparel.....	866	867	856	-0.1	1.3	0.2	974	912	934	936	8,468	7,999	5.9
Leather and allied products.....	430	453	448	-5.1	1.1	2.5	437	448	469	403	4,370	3,553	23.0
Paper products.....	17,443	17,402	17,336	0.2	0.4	0.3	17,839	17,790	18,136	16,858	172,448	160,799	7.2
Pulp, paper, and paperboard mills.....	6,615	6,591	6,541	0.4	0.8	-0.4	6,723	6,811	6,903	6,512	65,495	63,830	2.6
Paperboard containers.....	5,934	5,954	5,966	-0.3	-0.2	0.5	6,113	6,143	6,329	5,968	59,599	56,562	5.4
Printing.....	6,814	6,621	6,685	2.9	-1.0	-0.7	7,227	6,928	6,856	7,102	66,480	64,524	3.0
Petroleum and coal products.....	57,655	53,129	51,236	8.5	3.7	1.5	57,641	51,930	53,884	34,703	487,778	337,759	44.4
Petroleum refineries.....	53,339	48,972	47,090	8.9	4.0	1.6	53,056	47,382	49,132	30,409	445,679	298,099	49.5
Chemical products.....	67,923	66,697	65,965	1.8	1.1	0.6	66,487	67,059	66,968	59,810	647,291	591,702	9.4
Pesticides, fertilizers, and other agricultural chemicals.....	3,152	2,852	2,727	10.5	4.6	-0.3	2,513	2,504	2,332	2,101	27,993	25,623	9.2
Pharmaceuticals and medicines.....	21,888	21,777	21,313	0.5	2.2	1.4	21,821	22,658	21,773	19,714	207,270	191,616	8.2
Paints, coatings, and adhesives.....	4,021	3,975	3,952	1.2	0.6	2.6	3,963	4,014	4,199	3,687	39,668	35,390	12.1
Plastics and rubber products.....	22,019	21,668	21,443	1.6	1.0	0.5	22,602	22,187	22,286	21,253	213,767	202,158	5.7

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

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, October Full Report, December 3, 2021. 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>.

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		
	Oct. 2021 ^p	Sep. 2021 ^r	Aug 2021	Oct. - Sep.	Sep. - Aug.	Aug. - July	Oct. 2021 ^p	Sep. 2021 ^r	Aug. 2021	Oct. 2020	2021 ^p	2020	% Change 2021/ 2020
All manufacturing industries ²	522,138	517,066	514,637	1.0	0.5	1.0	524,224	529,459	525,042	462,369	5,017,937	4,284,921	17.1
Excluding transportation ²	446,861	439,795	435,102	1.6	1.1	0.5	448,748	449,563	444,307	393,605	4,269,754	3,739,216	14.2
Excluding defense ²	508,429	500,235	501,392	1.6	-0.2	1.2	512,220	510,897	514,939	452,028	4,885,584	4,157,940	17.5
With unfilled orders ²	188,052	191,094	191,683	-1.6	-0.3	2.9	184,719	197,657	190,884	157,961	1,830,325	1,455,190	25.8
Durable goods industries ²	260,285	261,353	262,317	-0.4	-0.4	1.3	259,665	271,323	265,120	233,711	2,546,328	2,086,009	22.1
Primary metals.....	24,616	24,207	23,975	1.7	1.0	-1.9	24,185	24,075	24,040	19,640	234,296	184,031	27.3
Iron and steel mills.....	12,494	12,217	12,059	2.3	1.3	-0.3	11,953	12,053	11,996	9,329	116,753	89,039	31.1
Aluminum and nonferrous metals.....	10,725	10,432	10,476	2.8	-0.4	-3.5	10,913	10,495	10,567	9,041	103,224	82,526	25.1
Ferrous metal foundries.....	1,397	1,558	1,440	-10.3	8.2	-3.5	1,319	1,527	1,477	1,270	14,319	12,466	14.9
Fabricated metal products.....	36,848	36,735	36,593	0.3	0.4	2.4	36,308	37,186	37,898	32,045	361,742	299,592	20.7
Machinery.....	38,487	38,757	38,188	-0.7	1.5	-0.9	38,078	39,342	37,416	32,786	371,112	313,805	18.3
Construction machinery.....	3,366	3,713	3,680	-9.3	0.9	6.5	3,312	3,823	3,405	2,970	35,293	26,410	33.6
Mining, oil field, and gas field machinery.....	1,463	1,407	1,444	4.0	-2.6	-9.8	1,459	1,466	1,405	1,251	13,553	12,993	4.3
Industrial machinery.....	5,942	5,645	5,192	5.3	8.7	-3.2	6,273	6,256	5,068	2,982	47,205	29,674	59.1
Photographic equipment.....	529	591	549	-10.5	7.7	15.1	544	773	491	510	5,254	4,720	11.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,399	4,391	4,487	0.2	-2.1	-5.0	4,146	4,532	4,673	3,789	44,223	38,983	13.4
Metalworking machinery.....	2,875	2,926	2,933	-1.7	-0.2	1.2	3,003	3,088	2,816	2,647	28,442	25,471	11.7
Turbines, generators, and other power transmission equipment.....	4,120	4,034	4,023	2.1	0.3	-2.4	4,247	3,897	4,104	3,729	40,453	35,175	15.0
Material handling equipment.....	3,160	3,162	3,206	-0.1	-1.4	-1.3	3,028	3,160	3,265	2,778	30,064	25,764	16.7
Computers and electronic products ²	25,401	25,211	25,255	0.8	-0.2	1.2	24,681	28,625	24,121	23,811	244,712	228,178	7.2
Computers.....	668	677	712	-1.3	-4.9	-5.3	669	764	765	725	7,041	6,864	2.6
Nondefense communications equipment.....	3,721	3,419	3,437	8.8	-0.5	-0.3	3,406	4,151	3,056	3,094	33,097	29,424	12.5
Defense communications equipment.....	232	243	222	-4.5	9.5	1.8	219	297	227	208	2,105	1,966	7.1
Electronic components.....	4,878	4,867	4,875	0.2	-0.2	4.1	4,841	5,160	5,033	4,593	47,164	43,095	9.4
Nondefense search and navigation equipment.....	1,658	1,680	1,662	-1.3	1.1	-2.8	1,718	1,873	1,677	1,632	16,605	15,907	4.4
Defense search and navigation equipment.....	2,862	3,062	3,063	-6.5	0.0	3.4	2,569	3,631	2,692	2,714	28,877	28,680	0.7
Electromedical, measuring, and control instruments.....	9,764	9,615	9,670	1.5	-0.6	1.4	9,602	11,004	9,171	9,303	94,260	88,523	6.5
Electrical equipment, appliances, and components.....	13,434	13,248	13,064	1.4	1.4	1.6	13,493	13,927	13,480	11,566	129,076	110,106	17.2
Electric lighting equipment.....	1,187	1,158	1,152	2.5	0.5	1.8	1,236	1,206	1,177	1,167	11,729	11,196	4.8
Household appliances.....	2,730	2,711	2,654	0.7	2.1	1.6	2,645	3,143	2,701	2,601	26,403	21,580	22.3
Electrical equipment.....	3,464	3,378	3,409	2.5	-0.9	2.3	3,376	3,434	3,578	3,001	33,266	32,786	1.5
Transportation equipment.....	75,277	77,271	79,535	-2.6	-2.8	3.8	75,476	79,896	80,735	68,764	748,183	545,705	37.1
Motor vehicle bodies, parts, and trailers.....	27,338	26,618	26,918	2.7	-1.1	-0.4	27,754	27,263	28,569	27,005	267,075	242,384	10.2
Nondefense aircraft and parts ³	8,848	10,351	15,044	-14.5	-31.2	63.9	8,185	9,386	15,017	1,338	93,839	-48,385	(NA)
Defense aircraft and parts.....	4,725	6,046	3,006	-21.8	101.1	-13.2	3,939	6,617	2,532	2,491	40,734	40,864	-0.3
Ships and boats.....	2,820	3,700	3,770	-23.8	-1.9	7.4	2,795	2,331	2,070	2,245	30,624	30,173	1.5
Furniture and related products.....	6,133	6,165	6,232	-0.5	-1.1	0.3	6,114	6,418	6,284	6,226	62,376	60,524	3.1
Nondurable goods industries.....	261,853	255,713	252,320	2.4	1.3	0.7	264,559	258,136	259,922	228,658	2,471,609	2,198,912	12.4

^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.

³ (NA) - New Orders year-to-date percent change is not provided for Nondefense aircraft and parts because the denominator has a negative value.

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, October Full Report, December 3, 2021. 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>.

Table 3. Value of Manufacturers' Unfilled 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				% Change October 2021/ 2020
	Oct. 2021 ^p	Sep. 2021 ^r	Aug. 2021	Sep. - Oct.	Aug. - Sep.	July - Aug.	Oct. 2021 ^p	Sep. 2021 ^r	Aug. 2021	Oct. 2020	
All manufacturing industries ²	1,249,815	1,246,689	1,238,342	0.3	0.7	0.9	1,238,930	1,239,563	1,235,314	1,173,974	5.5
Excluding transportation ²	425,691	422,567	418,524	0.7	1.0	1.1	420,946	419,792	417,261	364,657	15.4
Excluding defense ²	1,035,774	1,031,827	1,026,187	0.4	0.5	1.2	1,027,713	1,026,038	1,024,722	958,332	7.2
Durable goods industries ²	1,249,815	1,246,689	1,238,342	0.3	0.7	0.9	1,238,930	1,239,563	1,235,314	1,173,974	5.5
Primary metals.....	40,951	41,069	40,922	-0.3	0.4	0.2	39,669	39,975	40,350	32,285	22.9
Iron and steel mills.....	18,911	18,932	19,025	-0.1	-0.5	-0.1	18,216	18,471	18,856	14,892	22.3
Aluminum and nonferrous metals.....	14,862	14,938	14,905	-0.5	0.2	0.1	14,431	14,398	14,499	11,770	22.6
Ferrous metal foundries.....	7,178	7,199	6,992	-0.3	3.0	1.1	7,022	7,106	6,995	5,623	24.9
Fabricated metal products.....	104,449	103,807	102,706	0.6	1.1	1.5	103,047	103,856	103,645	83,056	24.1
Machinery.....	113,874	112,452	110,884	1.3	1.4	1.4	112,683	111,446	110,289	96,074	17.3
Construction machinery.....	11,029	10,804	10,385	2.1	4.0	2.9	10,481	10,355	9,804	6,431	63.0
Mining, oil field, and gas field machinery.....	4,641	4,561	4,530	1.8	0.7	2.4	4,641	4,561	4,530	3,985	16.5
Industrial machinery.....	10,178	9,830	9,651	3.5	1.9	1.1	10,173	9,594	9,649	8,732	16.5
Photographic equipment.....	1,988	1,998	1,938	-0.5	3.1	1.7	2,030	1,989	1,826	2,417	-16.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	9,181	9,097	8,911	0.9	2.1	3.6	9,009	8,997	8,899	6,741	33.6
Metalworking machinery.....	10,436	10,322	10,129	1.1	1.9	1.1	10,447	10,267	10,057	9,054	15.4
Turbines, generators, and other power transmission equipment.....	22,427	22,171	22,137	1.2	0.2	0.0	22,427	22,171	22,137	21,403	4.8
Material handling equipment.....	14,234	14,042	13,829	1.4	1.5	1.9	14,041	14,020	13,851	12,305	14.1
Computers and electronic products ²	122,074	121,417	120,898	0.5	0.4	0.6	121,624	120,947	119,962	116,663	4.3
Computers.....	1,445	1,480	1,500	-2.4	-1.3	-1.1	1,445	1,480	1,500	1,466	-1.4
Nondefense communications equipment.....	19,988	19,511	19,328	2.4	0.9	1.0	19,932	19,358	19,283	17,766	12.2
Defense communications equipment.....	361	369	361	-2.2	2.2	-2.4	331	357	333	434	-23.7
Electronic components.....	14,307	14,254	14,162	0.4	0.6	1.8	14,201	14,063	13,909	12,760	11.3
Nondefense search and navigation equipment.....	26,247	26,126	25,972	0.5	0.6	0.5	26,404	26,148	25,983	24,855	6.2
Defense search and navigation equipment.....	33,090	33,254	33,210	-0.5	0.1	0.1	32,879	33,277	32,944	33,635	-2.2
Electromedical, measuring, and control instruments.....	26,636	26,423	26,365	0.8	0.2	0.4	26,432	26,264	26,010	25,747	2.7
Electrical equipment, appliances, and components.....	31,980	31,406	30,788	1.8	2.0	1.7	31,587	31,043	30,794	25,930	21.8
Electric lighting equipment.....	2,010	1,970	1,974	2.0	-0.2	0.5	2,019	1,962	1,971	1,777	13.6
Household appliances.....	2,978	2,907	2,873	2.4	1.2	1.1	3,032	2,991	2,842	2,218	36.7
Electrical equipment.....	12,383	12,331	12,279	0.4	0.4	0.9	12,182	12,053	12,328	12,067	1.0
Transportation equipment.....	824,124	824,122	819,818	0.0	0.5	0.8	817,984	819,771	818,053	809,317	1.1
Motor vehicle bodies, parts, and trailers.....	28,418	28,103	28,079	1.1	0.1	1.2	27,201	27,607	27,408	23,149	17.5
Nondefense aircraft and parts.....	598,547	597,940	596,145	0.1	0.3	1.2	596,250	595,517	596,394	586,173	1.7
Defense aircraft and parts.....	81,294	81,207	79,556	0.1	2.1	-1.9	80,205	80,892	79,285	83,596	-4.1
Ships and boats.....	49,104	49,523	49,109	-0.8	0.8	1.0	46,967	47,361	48,348	47,732	-1.6
Furniture and related products.....	11,784	11,779	11,676	0.0	0.9	2.1	11,757	11,888	11,571	10,073	16.7

^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 unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled 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, October Full Report, December 3, 2021. 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>.

Table 4. Value of Manufacturers' Inventories 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				% Change October 2021/ 2020
	Oct. 2021 ^p	Sep. 2021 ^r	Aug. 2021	Sep. - Oct.	Aug. - Sep.	July - Aug.	Oct. 2021 ^p	Sep. 2021 ^r	Aug. 2021	Oct. 2020	
All manufacturing industries.....	764,212	757,820	750,633	0.8	1.0	0.7	767,094	757,186	753,575	702,826	9.1
Excluding transportation.....	610,144	603,486	597,082	1.1	1.1	0.7	611,489	601,798	598,547	553,708	10.4
Excluding defense.....	739,224	732,933	725,851	0.9	1.0	0.7	742,112	732,348	728,699	678,504	9.4
With unfilled orders.....	376,112	373,288	369,522	0.8	1.0	0.8	376,140	373,103	372,260	348,885	7.8
Durable goods industries.....	466,444	463,341	458,707	0.7	1.0	0.9	466,578	463,012	461,870	429,341	8.7
Wood products.....	13,888	13,767	13,773	0.9	0.0	-0.4	13,825	13,463	13,592	12,409	11.4
Nonmetallic mineral products.....	15,010	14,900	14,734	0.7	1.1	1.2	14,651	14,693	14,643	13,897	5.4
Primary metals.....	41,918	41,123	40,568	1.9	1.4	1.4	41,448	40,747	40,776	33,804	22.6
Iron and steel mills.....	24,007	23,421	23,032	2.5	1.7	1.9	23,762	23,215	23,250	18,816	26.3
Aluminum and nonferrous metals.....	15,494	15,297	15,176	1.3	0.8	0.8	15,308	15,193	15,189	12,820	19.4
Ferrous metal foundries.....	2,417	2,405	2,360	0.5	1.9	0.1	2,378	2,339	2,337	2,168	9.7
Fabricated metal products.....	61,148	60,196	59,192	1.6	1.7	1.3	60,529	59,923	59,282	51,906	16.6
Machinery.....	76,149	75,221	74,052	1.2	1.6	1.3	76,022	75,431	74,595	68,867	10.4
Farm machinery.....	4,598	4,542	4,460	1.2	1.8	4.4	4,458	4,381	4,319	3,502	27.3
Construction machinery.....	6,594	6,404	6,225	3.0	2.9	0.9	6,613	6,439	6,227	5,671	16.6
Mining, oil field, and gas field machinery.....	6,195	6,144	6,108	0.8	0.6	0.8	6,258	6,154	6,165	6,123	2.2
Industrial machinery.....	9,294	9,268	9,155	0.3	1.2	2.1	9,068	9,638	9,348	8,412	7.8
Photographic equipment.....	1,298	1,293	1,303	0.4	-0.8	1.1	1,317	1,283	1,345	1,300	1.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,955	5,861	5,648	1.6	3.8	2.0	5,826	5,642	5,536	5,174	12.6
Metalworking machinery.....	6,013	5,938	5,870	1.3	1.2	-0.2	6,088	5,981	5,963	5,661	7.5
Turbines, generators, and other power transmission equipment.....	9,968	9,841	9,669	1.3	1.8	0.8	9,955	9,757	9,769	8,947	11.3
Material handling equipment.....	6,038	5,910	5,787	2.2	2.1	1.4	6,216	6,065	5,945	5,337	16.5
Computers and electronic products ²	47,441	47,383	47,037	0.1	0.7	0.4	47,631	47,194	47,514	46,645	2.1
Computers.....	2,115	2,109	2,075	0.3	1.6	2.2	2,094	2,216	2,183	1,833	14.2
Computer storage devices.....	865	845	864	2.4	-2.2	4.0	883	856	905	773	14.2
Other peripheral equipment.....	807	815	794	-1.0	2.6	-0.4	799	876	800	834	-4.2
Nondefense communications equipment.....	4,477	4,472	4,419	0.1	1.2	-1.9	4,606	4,438	4,591	4,533	1.6
Defense communications equipment.....	656	653	654	0.5	-0.2	-0.9	656	653	654	662	-0.9
Audio and video equipment.....	695	686	661	1.3	3.8	1.1	715	720	660	688	3.9
Electronic components.....	8,169	8,272	8,260	-1.2	0.1	0.6	7,912	8,086	7,996	8,178	-3.3
Nondefense search and navigation equipment.....	3,340	3,338	3,306	0.1	1.0	0.7	3,403	3,356	3,352	3,314	2.7
Defense search and navigation equipment.....	3,026	3,027	3,017	0.0	0.3	0.1	2,999	2,951	3,048	2,957	1.4
Electromedical, measuring and control instruments.....	16,745	16,682	16,547	0.4	0.8	0.5	16,855	16,625	16,836	16,232	3.8
Electrical equipment, appliances, and components.....	21,381	21,189	20,899	0.9	1.4	0.6	21,265	20,874	21,152	19,609	8.4
Electric lighting equipment.....	2,444	2,414	2,400	1.2	0.6	1.3	2,450	2,412	2,424	2,334	5.0
Household appliances.....	3,215	3,138	3,063	2.5	2.4	2.4	3,267	3,101	3,148	2,663	22.7
Electrical equipment.....	6,413	6,408	6,325	0.1	1.3	-0.3	6,251	6,069	6,420	6,046	3.4
Batteries.....	1,752	1,749	1,748	0.2	0.1	0.7	1,741	1,821	1,821	1,751	-0.6
Transportation equipment.....	154,068	154,334	153,551	-0.2	0.5	0.9	155,605	155,388	155,028	149,118	4.4
Automobiles.....	7,708	7,632	7,476	1.0	2.1	8.1	7,931	7,954	7,733	5,341	48.5
Light trucks and utility vehicles.....	7,864	8,177	8,063	-3.8	1.4	2.9	8,074	8,351	8,345	5,884	37.2
Heavy duty trucks.....	2,796	2,801	2,735	-0.2	2.4	4.6	2,737	2,761	2,748	2,014	35.9
Motor vehicle bodies, parts, and trailers.....	31,615	31,473	31,057	0.5	1.3	1.1	31,461	31,410	31,005	27,263	15.4
Nondefense aircraft and parts.....	76,025	76,259	76,424	-0.3	-0.2	0.1	77,228	76,876	77,130	81,606	-5.4
Defense aircraft and parts.....	12,545	12,548	12,466	0.0	0.7	0.6	12,585	12,535	12,506	12,301	2.3
Ships and boats.....	3,879	3,755	3,681	3.3	2.0	1.3	3,871	3,795	3,712	3,275	18.2
Furniture and related products.....	8,243	8,194	8,081	0.6	1.4	1.4	8,193	8,197	8,163	7,264	12.8
Miscellaneous durable goods.....	27,198	27,034	26,820	0.6	0.8	0.3	27,409	27,102	27,125	25,822	6.1
Nondurable goods industries.....	297,768	294,479	291,926	1.1	0.9	0.4	300,516	294,174	291,705	273,485	9.9
Food products.....	62,780	62,646	62,323	0.2	0.5	0.0	66,130	63,389	62,408	64,003	3.3
Grain and oilseed milling.....	6,808	6,911	6,912	-1.5	0.0	1.0	7,104	6,811	6,687	5,831	21.8
Dairy products.....	9,013	9,007	9,042	0.1	-0.4	-0.1	8,899	9,007	9,141	8,761	1.6
Meat, poultry, and seafood products.....	9,687	9,769	9,796	-0.8	-0.3	0.7	9,864	9,833	9,903	9,817	0.5
Beverage and tobacco products.....	26,438	26,534	26,603	-0.4	-0.3	-0.1	26,813	26,276	26,000	26,629	0.7
Beverages.....	22,849	22,923	22,986	-0.3	-0.3	-0.2	23,142	22,801	22,623	22,814	1.4
Tobacco.....	3,589	3,611	3,617	-0.6	-0.2	0.1	3,671	3,475	3,377	3,815	-3.8
Textile mills.....	3,209	3,178	3,136	1.0	1.3	0.7	3,200	3,184	3,152	2,970	7.7
Textile products.....	4,098	4,027	3,976	1.8	1.3	1.0	4,097	4,042	3,975	3,943	3.9
Apparel.....	1,827	1,802	1,775	1.4	1.5	-0.6	1,906	1,840	1,862	1,860	2.5
Leather and allied products.....	871	873	873	-0.2	0.0	-0.6	857	872	878	879	-2.5
Paper products.....	15,954	15,847	15,765	0.7	0.5	0.4	15,739	15,862	15,904	14,974	5.1
Pulp, paper, and paperboard mills.....	4,920	4,903	4,875	0.3	0.6	0.2	4,811	4,851	4,904	4,819	-0.2
Paperboard containers.....	5,714	5,695	5,662	0.3	0.6	1.1	5,645	5,730	5,703	5,292	6.7
Printing.....	5,996	6,014	5,969	-0.3	0.8	1.1	6,183	6,129	6,025	6,083	1.6
Petroleum and coal products.....	46,052	43,594	42,481	5.6	2.6	0.4	45,430	43,341	42,428	29,845	52.2
Petroleum refineries.....	40,369	38,012	37,007	6.2	2.7	0.3	39,885	37,798	36,900	25,092	59.0
Chemical products.....	100,925	100,727	100,117	0.2	0.6	0.5	100,732	100,157	100,272	96,013	4.9
Pesticides, fertilizers, and other agricultural chemicals.....	5,230	5,259	5,225	-0.6	0.7	1.1	5,027	5,003	5,006	5,073	-0.9
Pharmaceuticals and medicines.....	44,610	44,502	44,419	0.2	0.2	-0.6	44,698	44,317	44,447	45,127	-1.0
Paints, coatings, and adhesives.....	4,510	4,430	4,363	1.8	1.5	1.3	4,405	4,331	4,304	3,772	16.8
Plastics and rubber products.....	29,618	29,237	28,908	1.3	1.1	1.3	29,429	29,082	28,801	26,286	12.0

^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 Estimates of inventories for the semiconductor industry data are included in computers and electronic products, and all other applicable aggregate totals.

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, October Full Report, December 3, 2021. 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>.

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
	Oct.	Sep.	Aug.	Sep. -	Aug. -	July -	Oct.	Sep.	Aug.	Oct.			
	2021 ^p	2021 ^r	2021	Oct.	Sep.	Aug.	2021 ^p	2021 ^r	2021	2020	2021 ^p	2020	
SHIPMENTS													
All manufacturing industries.....	523,398	513,205	508,234	2.0	1.0	0.1	529,940	530,156	523,537	474,467	4,997,483	4,434,998	12.7
Construction materials and supplies.....	58,407	57,538	56,774	1.5	1.3	0.8	60,669	60,247	61,163	54,286	568,343	499,669	13.7
Information technology.....	25,184	25,048	25,041	0.5	0.0	0.0	24,687	28,052	24,671	23,644	244,659	224,912	8.8
Computers and related products.....	1,947	1,961	1,977	-0.7	-0.8	-1.5	1,879	2,135	1,928	1,783	19,177	17,185	11.6
Motor vehicle and parts.....	52,497	50,310	51,163	4.3	-1.7	-3.4	55,414	52,588	54,927	57,789	520,115	468,336	11.1
Capital goods.....	93,355	93,151	91,794	0.2	1.5	0.0	91,536	100,373	90,063	83,837	895,637	790,902	13.2
Nondefense capital goods ³	80,861	80,921	79,472	-0.1	1.8	0.4	79,209	86,978	78,142	72,676	777,023	682,790	13.8
Excluding aircraft.....	76,077	75,802	74,859	0.4	1.3	0.6	75,316	80,263	74,627	68,999	731,957	646,393	13.2
Defense capital goods ⁴	12,494	12,230	12,322	2.2	-0.7	-2.5	12,327	13,395	11,921	11,161	118,614	108,112	9.7
Consumer goods.....	213,847	207,699	205,712	3.0	1.0	-0.2	218,361	211,501	212,961	191,455	2,016,660	1,766,337	14.2
Consumer durable goods.....	37,069	35,332	36,290	4.9	-2.6	-5.2	39,009	37,653	38,555	41,809	368,523	333,215	10.6
Consumer nondurable goods.....	176,778	172,367	169,422	2.6	1.7	1.0	179,352	173,848	174,406	149,646	1,648,137	1,433,122	15.0
NEW ORDERS													
All manufacturing industries ⁵	522,138	517,066	514,637	1.0	0.5	1.0	524,224	529,459	525,042	462,369	5,017,937	4,284,921	17.1
Construction materials and supplies.....	59,122	58,755	58,618	0.6	0.2	1.2	60,181	60,714	62,364	54,256	587,026	498,923	17.7
Information technology.....	26,189	26,071	25,866	0.5	0.8	0.9	25,584	29,430	24,603	23,575	251,663	226,634	11.0
Computers and related products.....	1,912	1,941	1,961	-1.5	-1.0	-3.0	1,844	2,115	1,912	1,783	19,077	17,064	11.8
Motor vehicle and parts.....	52,812	50,334	51,497	4.9	-2.3	-3.9	55,008	52,787	55,392	57,240	522,469	467,937	11.7
Capital goods.....	95,727	99,631	100,301	-3.9	-0.7	5.6	92,932	103,058	96,241	77,656	933,552	686,104	36.1
Nondefense capital goods ³	83,900	84,829	88,619	-1.1	-4.3	7.4	82,509	87,370	87,244	68,602	817,459	575,122	42.1
Excluding aircraft.....	78,712	78,190	77,102	0.7	1.4	0.5	77,894	81,900	75,257	69,444	754,758	652,839	15.6
Defense capital goods ⁴	11,827	14,802	11,682	-20.1	26.7	-6.0	10,423	15,688	8,997	9,054	116,093	110,982	4.6
Consumer goods.....	213,755	207,714	205,769	2.9	0.9	-0.2	218,070	211,797	212,986	191,540	2,018,211	1,767,496	14.2
Consumer durable goods.....	36,977	35,347	36,347	4.6	-2.8	-5.2	38,718	37,949	38,580	41,894	370,074	334,374	10.7
Consumer nondurable goods.....	176,778	172,367	169,422	2.6	1.7	1.0	179,352	173,848	174,406	149,646	1,648,137	1,433,122	15.0
UNFILLED ORDERS													
All manufacturing industries ⁵	1,249,815	1,246,689	1,238,342	0.3	0.7	0.9	1,238,930	1,239,563	1,235,314	1,173,974	(X)	(X)	5.5
Construction materials and supplies.....	77,725	77,010	75,793	0.9	1.6	2.5	76,480	76,968	76,501	56,683	(X)	(X)	34.9
Information technology.....	124,364	123,359	122,336	0.8	0.8	0.7	123,807	122,910	121,532	116,188	(X)	(X)	6.6
Computers and related products.....	1,445	1,480	1,500	-2.4	-1.3	-1.1	1,445	1,480	1,500	1,466	(X)	(X)	-1.4
Motor vehicle and parts.....	28,418	28,103	28,079	1.1	0.1	1.2	27,201	27,607	27,408	23,149	(X)	(X)	17.5
Capital goods.....	950,426	948,054	941,574	0.3	0.7	0.9	944,368	942,972	940,287	912,452	(X)	(X)	3.5
Nondefense capital goods ³	760,487	757,448	753,540	0.4	0.5	1.2	757,161	753,861	753,469	723,731	(X)	(X)	4.6
Excluding aircraft.....	238,491	235,856	233,468	1.1	1.0	1.0	236,711	234,133	232,496	212,528	(X)	(X)	11.4
Defense capital goods ⁴	189,939	190,606	188,034	-0.3	1.4	-0.3	187,207	189,111	186,818	188,721	(X)	(X)	-0.8
Consumer goods.....	7,734	7,826	7,811	-1.2	0.2	0.7	7,764	8,055	7,759	6,337	(X)	(X)	22.5
Consumer durable goods.....	7,734	7,826	7,811	-1.2	0.2	0.7	7,764	8,055	7,759	6,337	(X)	(X)	22.5
TOTAL INVENTORIES													
All manufacturing industries.....	764,212	757,820	750,633	0.8	1.0	0.7	767,094	757,186	753,575	702,826	(X)	(X)	9.1
Construction materials and supplies.....	83,130	81,983	80,741	1.4	1.5	1.2	81,946	81,115	80,391	70,963	(X)	(X)	15.5
Information technology.....	41,721	41,539	41,142	0.4	1.0	0.3	42,026	41,502	41,851	40,087	(X)	(X)	4.8
Computers and related products.....	3,787	3,769	3,733	0.5	1.0	2.0	3,776	3,869	3,888	3,440	(X)	(X)	9.8
Motor vehicle and parts.....	49,983	50,083	49,331	-0.2	1.5	2.6	50,203	50,476	49,831	40,502	(X)	(X)	24.0
Capital goods.....	225,314	224,237	222,584	0.5	0.7	0.6	226,559	224,833	225,078	219,136	(X)	(X)	3.4
Nondefense capital goods ³	204,046	203,076	201,519	0.5	0.8	0.6	205,337	203,708	203,959	198,505	(X)	(X)	3.4
Excluding aircraft.....	138,208	137,024	135,336	0.9	1.2	0.8	138,274	136,995	137,006	127,804	(X)	(X)	8.2
Defense capital goods ⁴	21,268	21,161	21,065	0.5	0.5	0.9	21,222	21,125	21,119	20,631	(X)	(X)	2.9
Consumer goods.....	233,615	230,936	228,753	1.2	1.0	0.4	237,619	231,751	229,250	212,261	(X)	(X)	11.9
Consumer durable goods.....	39,437	39,528	38,927	-0.2	1.5	2.6	40,139	40,169	39,774	32,791	(X)	(X)	22.4
Consumer nondurable goods.....	194,178	191,408	189,826	1.4	0.8	-0.1	197,480	191,582	189,476	179,470	(X)	(X)	10.0

^x Not Applicable

^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 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, October Full Report, December 3, 2021. 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>.

Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group¹

[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				% Change October 2021/ 2020
	Oct. 2021 ^p	Sep. 2021 ^f	Aug. 2021	Sep. - Oct.	Aug. - Sep.	July - Aug.	Oct. 2021 ^p	Sep. 2021 ^f	Aug. 2021	Oct. 2020	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	274,591	270,425	266,296	1.5	1.6	1.3	274,702	270,474	266,870	238,751	15.1
Durable goods industries.....	170,745	167,816	165,003	1.7	1.7	1.5	170,951	168,615	166,087	147,508	15.9
Wood products.....	6,019	5,957	5,923	1.0	0.6	-0.3	6,143	5,999	5,943	5,552	10.6
Nonmetallic mineral products.....	6,245	6,216	6,175	0.5	0.7	1.0	6,199	6,207	6,182	5,685	9.0
Primary metals.....	15,716	15,388	15,001	2.1	2.6	1.2	15,843	15,466	15,119	13,025	21.6
Fabricated metal products.....	24,870	24,477	23,872	1.6	2.5	2.0	24,761	24,745	24,016	19,699	25.7
Machinery.....	31,821	30,309	29,886	5.0	1.4	0.9	31,842	30,514	30,186	27,315	16.6
Computers and electronic products.....	22,460	22,314	22,148	0.7	0.7	2.3	22,657	22,315	22,309	21,277	6.5
Electrical equipment, appliances, and components.....	9,754	9,679	9,507	0.8	1.8	-0.2	9,692	9,549	9,617	8,783	10.3
Transportation equipment.....	40,871	40,494	39,837	0.9	1.6	2.3	40,853	40,863	39,877	34,013	20.1
Furniture and related products.....	4,049	4,031	3,989	0.4	1.1	2.1	4,023	4,018	4,017	3,554	13.2
Miscellaneous products.....	8,940	8,951	8,665	-0.1	3.3	0.8	8,938	8,939	8,821	8,605	3.9
Nondurable goods industries.....	103,846	102,609	101,293	1.2	1.3	1.0	103,751	101,859	100,783	91,243	13.7
Food products.....	22,921	22,964	22,788	-0.2	0.8	-0.1	23,587	22,834	22,448	22,339	5.6
Beverage and tobacco products.....	5,395	5,408	5,447	-0.2	-0.7	0.5	5,471	5,289	5,194	5,471	0.0
Textiles.....	1,292	1,281	1,254	0.9	2.2	1.6	1,275	1,277	1,262	1,118	14.0
Textile products.....	1,444	1,425	1,410	1.3	1.1	1.1	1,439	1,431	1,412	1,395	3.2
Apparel.....	615	611	607	0.7	0.7	-0.7	634	617	627	610	3.9
Leather and allied products.....	313	310	304	1.0	2.0	-1.3	310	313	310	290	6.9
Paper products.....	8,269	8,168	8,091	1.2	1.0	0.5	8,180	8,206	8,146	7,521	8.8
Printing.....	3,066	3,074	2,991	-0.3	2.8	2.3	3,109	3,115	3,008	2,866	8.5
Petroleum and coal products.....	14,903	13,932	13,736	7.0	1.4	0.7	14,332	13,615	13,602	8,797	62.9
Chemical products.....	32,506	32,558	31,894	-0.2	2.1	1.4	32,421	32,251	31,900	29,847	8.6
Plastics and rubber products.....	13,122	12,878	12,771	1.9	0.8	2.3	12,993	12,911	12,874	10,989	18.2
WORK IN PROCESS											
All manufacturing industries.....	220,880	220,615	219,382	0.1	0.6	0.1	223,366	220,556	220,242	215,065	3.9
Durable goods industries.....	168,019	168,517	167,769	-0.3	0.4	0.3	169,017	169,154	169,490	164,880	2.5
Wood products.....	2,344	2,310	2,352	1.5	-1.8	1.2	2,333	2,274	2,339	2,113	10.4
Nonmetallic mineral products.....	1,522	1,511	1,513	0.7	-0.1	1.0	1,453	1,481	1,501	1,436	1.2
Primary metals.....	11,875	11,820	11,847	0.5	-0.2	2.5	11,903	11,851	12,151	9,985	19.2
Fabricated metal products.....	14,416	14,337	14,221	0.6	0.8	0.9	14,351	14,296	14,233	13,174	8.9
Machinery.....	21,721	22,294	21,675	-2.6	2.9	1.9	21,781	22,591	22,145	19,091	14.1
Computers and electronic products.....	13,176	13,337	13,285	-1.2	0.4	-0.9	12,919	13,064	13,213	13,094	-1.3
Electrical equipment, appliances, and components.....	4,141	4,072	4,005	1.7	1.7	0.3	4,107	3,985	4,058	3,864	6.3
Transportation equipment.....	93,186	93,241	93,332	-0.1	-0.1	-0.2	94,481	93,945	94,222	96,913	-2.5
Furniture and related products.....	1,370	1,346	1,325	1.8	1.6	1.5	1,374	1,377	1,339	1,187	15.8
Miscellaneous products.....	4,268	4,249	4,214	0.4	0.8	0.5	4,315	4,290	4,289	4,023	7.3
Nondurable goods industries.....	52,861	52,098	51,613	1.5	0.9	-0.9	54,349	51,402	50,752	50,185	8.3
Food products.....	7,338	7,227	7,285	1.5	-0.8	-0.8	8,372	6,830	6,839	8,939	-6.3
Beverage and tobacco products.....	9,214	9,275	9,309	-0.7	-0.4	-0.5	9,451	9,201	8,930	9,751	-3.1
Textiles.....	592	580	574	2.1	1.0	0.7	597	585	579	560	6.6
Textile products.....	400	398	397	0.5	0.3	0.0	403	406	396	399	1.0
Apparel.....	243	242	238	0.4	1.7	0.8	250	248	247	241	3.7
Leather and allied products.....	91	89	94	2.2	-5.3	4.4	89	89	96	82	8.5
Paper products.....	1,478	1,457	1,461	1.4	-0.3	-0.1	1,466	1,456	1,501	1,390	5.5
Printing.....	1,179	1,186	1,178	-0.6	0.7	0.3	1,280	1,259	1,209	1,261	1.5
Petroleum and coal products.....	12,672	12,152	11,570	4.3	5.0	-1.7	12,719	11,993	11,423	7,342	73.2
Chemical products.....	16,020	15,882	15,860	0.9	0.1	-1.6	16,072	15,714	15,905	16,735	-4.0
Plastics and rubber products.....	3,634	3,610	3,647	0.7	-1.0	2.8	3,650	3,621	3,627	3,485	4.7
FINISHED GOODS											
All manufacturing industries.....	268,741	266,780	264,955	0.7	0.7	0.7	269,026	266,156	266,463	249,010	8.0
Durable goods industries.....	127,680	127,008	125,935	0.5	0.9	1.0	126,610	125,243	126,293	116,953	8.3
Wood products.....	5,525	5,500	5,498	0.5	0.0	-1.2	5,349	5,190	5,310	4,744	12.8
Nonmetallic mineral products.....	7,243	7,173	7,046	1.0	1.8	1.4	6,999	7,005	6,960	6,776	3.3
Primary metals.....	14,327	13,915	13,720	3.0	1.4	0.7	13,702	13,430	13,506	10,794	26.9
Fabricated metal products.....	21,862	21,382	21,099	2.2	1.3	0.9	21,417	20,882	21,033	19,033	12.5
Machinery.....	22,607	22,618	22,491	0.0	0.6	1.3	22,399	22,326	22,264	22,461	-0.3
Computers and electronic products.....	11,805	11,732	11,604	0.6	1.1	-1.8	12,055	11,815	11,992	12,274	-1.8
Electrical equipment, appliances, and components.....	7,486	7,438	7,387	0.6	0.7	1.9	7,466	7,340	7,477	6,962	7.2
Transportation equipment.....	20,011	20,599	20,382	-2.9	1.1	3.4	20,271	20,580	20,929	18,192	11.4
Furniture and related products.....	2,824	2,817	2,767	0.2	1.8	0.5	2,796	2,802	2,807	2,523	10.8
Miscellaneous products.....	13,990	13,834	13,941	1.1	-0.8	-0.1	14,156	13,873	14,015	13,194	7.3
Nondurable goods industries.....	141,061	139,772	139,020	0.9	0.5	0.5	142,416	140,913	140,170	132,057	7.8
Food products.....	32,521	32,455	32,250	0.2	0.6	0.2	34,171	33,725	33,121	32,725	4.4
Beverage and tobacco products.....	11,829	11,851	11,847	-0.2	0.0	-0.1	11,891	11,786	11,876	11,407	4.2
Textiles.....	1,325	1,317	1,308	0.6	0.7	-0.2	1,328	1,322	1,311	1,292	2.8
Textile products.....	2,254	2,204	2,169	2.3	1.6	1.2	2,255	2,205	2,167	2,149	4.9
Apparel.....	969	949	930	2.1	2.0	-1.0	1,022	975	988	1,009	1.3
Leather and allied products.....	467	474	475	-1.5	-0.2	-1.0	458	470	472	507	-9.7
Paper products.....	6,207	6,222	6,213	-0.2	0.1	0.4	6,093	6,200	6,257	6,063	0.5
Printing.....	1,751	1,754	1,800	-0.2	-2.6	-0.4	1,794	1,755	1,808	1,956	-8.3
Petroleum and coal products.....	18,477	17,510	17,175	5.5	2.0	1.6	18,379	17,733	17,403	13,706	34.1
Chemical products.....	52,399	52,287	52,363	0.2	-0.1	0.7	52,339	52,192	52,467	49,431	5.7
Plastics and rubber products.....	12,862	12,749	12,490	0.9	2.1	-0.2	12,786	12,550	12,300	11,812	8.2

^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.

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, October Full Report, December 3, 2021. 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>.

Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group ¹

[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ²			
	Oct	Sep	Aug	Jul	Oct	Sep	Aug	Jul
	2021 ³	2021 ⁴	2021	2021	2021 ³	2021 ⁴	2021	2021
All manufacturing industries ³	1.46	1.48	1.48	1.47	(X)	(X)	(X)	(X)
Durable goods industries ³	1.78	1.80	1.79	1.77	6.76	6.82	6.85	6.81
Wood products.....	1.21	1.21	1.22	1.21	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.26	1.27	1.26	1.25	(X)	(X)	(X)	(X)
Primary metals.....	1.69	1.71	1.70	1.67	1.66	1.71	1.71	1.71
Fabricated metal products.....	1.69	1.69	1.69	1.68	2.96	2.99	3.01	3.00
Machinery.....	2.05	2.02	2.02	2.02	3.41	3.38	3.35	3.35
Computers and electronic products ³	1.63	1.62	1.62	1.62	5.28	5.27	5.26	5.27
Electrical equipment, appliances, and components.....	1.66	1.68	1.67	1.64	2.68	2.67	2.65	2.58
Transportation equipment.....	2.05	2.12	2.10	2.01	16.55	16.73	16.84	16.59
Furniture and related products.....	1.35	1.35	1.35	1.34	2.16	2.20	2.21	2.19
Miscellaneous products.....	1.62	1.62	1.63	1.63	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.14	1.15	1.16	1.16	(X)	(X)	(X)	(X)
Food products.....	0.89	0.89	0.89	0.89	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.89	1.87	1.91	1.97	(X)	(X)	(X)	(X)
Textiles.....	1.39	1.39	1.38	1.34	(X)	(X)	(X)	(X)
Textile products.....	2.20	2.15	2.12	2.11	(X)	(X)	(X)	(X)
Apparel.....	2.11	2.08	2.07	2.09	(X)	(X)	(X)	(X)
Leather and allied products.....	2.03	1.93	1.95	2.01	(X)	(X)	(X)	(X)
Paper products.....	0.91	0.91	0.91	0.91	(X)	(X)	(X)	(X)
Printing.....	0.88	0.91	0.89	0.88	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.80	0.82	0.83	0.84	(X)	(X)	(X)	(X)
Chemical products.....	1.49	1.51	1.52	1.52	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.35	1.35	1.35	1.34	(X)	(X)	(X)	(X)

³ Not Applicable

⁴ Preliminary

⁵ Revised data due to late receipts and concurrent seasonal adjustment.

² Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtools; farm and garden machinery; computer storage and peripheral devices; audio and video equipment; manufacturing and reproducing magnetic and optical media; batteries; automobiles; light trucks and utility vehicles; heavy duty trucks; and miscellaneous furniture.

¹ Unfilled orders to shipments ratio excludes semiconductor manufacturing.

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, October Full Report, December 3, 2021. 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>.

Table 8. Revisions to Previously Published Monthly Percent Changes ¹

[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Oct ²	Sep	Oct ²	Sep	Oct ²	Sep	Oct ²	Sep
	2021	2021	2021	2021	2021	2021	2021	2021
All manufacturing industries.....	(X)	0.2	(X)	0.4	(X)	0.1	(X)	0.1
Durable goods industries.....	0.1	0.3	0.1	0.6	0.1	0.1	0.1	0.1
Wood products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.3
Nonmetallic mineral products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.0	0.7	0.0	1.1	0.0	0.3	0.1	0.3
Fabricated metal products.....	0.1	0.3	-0.1	0.9	-0.1	0.3	0.2	0.2
Machinery.....	0.2	0.3	0.2	0.8	0.1	0.2	0.1	0.1
Computers and electronic products.....	-0.1	0.2	0.1	0.3	0.0	0.1	-0.2	0.1
Electrical equipment, appliances, and components.....	0.0	0.4	0.2	1.1	0.1	0.4	0.3	0.2
Transportation equipment.....	0.0	0.8	0.0	1.4	0.0	0.1	0.0	0.1
Furniture and related products.....	(X)	0.5	(X)	0.7	(X)	0.5	(X)	0.3
Miscellaneous products.....	(X)	0.4	(X)	0.4	(X)	0.1	(X)	0.1
Nondurable goods industries.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.1
Food products.....	(X)	0.1	(X)	(NA)	(X)	(NA)	(X)	0.1
Beverage and tobacco products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.1
Textile products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.3
Paper products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.4
Petroleum and coal products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.6
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.1
Plastics and rubber products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3

X Not Applicable

NA Not Available

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 The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

³ The twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

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, October Full Report, December 3, 2021.

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