

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

Release Number: CB 21-88 M3-2 (21)-05

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](#)>.

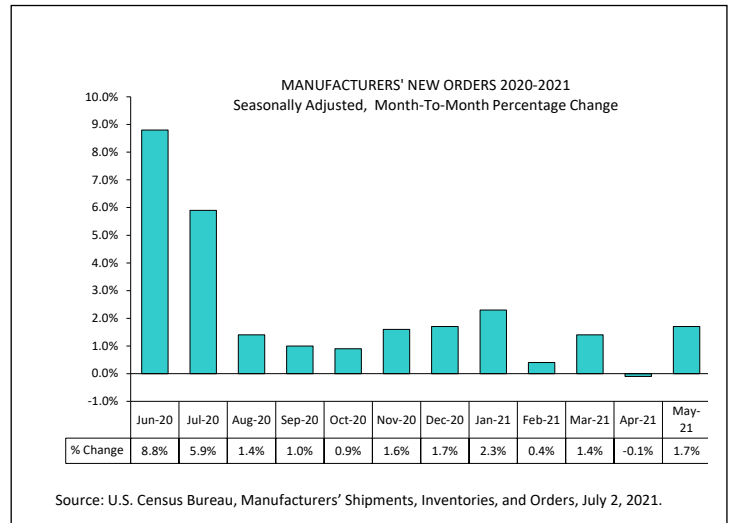
July 2, 2021 — The U.S. Census Bureau announces the May full report on manufacturers' shipments, inventories and orders:

MANUFACTURED GOODS – NEW ORDERS

MAY 2021	\$495.5 billion	+1.7%°
APRIL 2021 (revised)	\$487.4 billion	-0.1%°

Next release: August 3, 2021

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, July 2, 2021.



Summary

New orders for manufactured goods in May, up twelve of the last thirteen months, increased \$8.1 billion or 1.7 percent to \$495.5 billion, the U.S. Census Bureau reported today. This followed a 0.1 percent April decrease. Shipments, also up twelve of the last thirteen months, increased \$3.3 billion or 0.7 percent to \$490.4 billion. This followed a 0.2 percent April increase. Unfilled orders, up four consecutive months, increased \$9.6 billion or 0.8 percent to \$1,209.5 billion. This followed a 0.4 percent April increase. The unfilled orders-to-shipments ratio was 6.95, up from 6.88 in April. Inventories, up eleven of the last twelve months, increased \$6.6 billion or 0.9 percent to \$731.6 billion. This followed a 0.5 percent April increase. The inventories-to-shipments ratio was 1.49, unchanged from April.

Data Inquiries

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New Orders

New orders for manufactured durable goods in May, up twelve of the last thirteen months, increased \$5.8 billion or 2.3 percent to \$253.4 billion, unchanged from the previously published increase. This followed a 0.7 percent April decrease. Transportation equipment, up following two consecutive monthly decreases, led the increase, \$5.3 billion or 7.7 percent to \$74.3 billion. New orders for manufactured nondurable goods increased \$2.4 billion or 1.0 percent to \$242.1 billion.

Shipments

Shipments of manufactured durable goods in May, up two of the last three months, increased \$0.9 billion or 0.4 percent to \$248.3 billion, unchanged from the previously published increase. This followed a virtually unchanged April decrease. Machinery, up seven of the last eight months, led the increase, \$0.5 billion or 1.4 percent to \$35.2 billion. Shipments of manufactured nondurable goods, up twelve of the last thirteen months, increased \$2.4 billion or 1.0 percent to \$242.1 billion. This followed a 0.5 percent April increase. Petroleum and coal products, up eleven of the last twelve months, led the increase, \$1.1 billion or 2.5 percent to \$45.2 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in May, up four consecutive months, increased \$9.6 billion or 0.8 percent to \$1,209.5 billion, unchanged from the previously published increase. This followed a 0.4 percent April increase. Transportation equipment, up three of the last four months, led the increase, \$3.3 billion or 0.4 percent to \$806.3 billion.

Inventories

Inventories of manufactured durable goods in May, up four consecutive months, increased \$3.1 billion or 0.7 percent to \$445.5 billion, unchanged from the previously published increase. This followed a 0.7 percent April increase. Primary metals, up ten consecutive months, led the increase, \$0.9 billion or 2.4 percent to \$38.5 billion. Inventories of manufactured nondurable goods, up nine of the last ten months, increased \$3.5 billion or 1.2 percent to \$286.1 billion. This followed a 0.3 percent April increase. Petroleum and coal products, up six of the last seven months, led the increase, \$2.2 billion or 5.8 percent to \$39.9 billion. By stage of fabrication, May materials and supplies increased 0.8 percent in both durable and nondurable goods. Work in process increased 0.3 percent in durable goods and 2.2 percent in nondurable goods. Finished goods increased 1.1 percent in both durable and nondurable goods.

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The Advance Report on durable goods for June is scheduled for release on July 27, 2021 at 8:30 a.m. EDT and the Full Report on August 3, 2021 at 10:00 a.m. EDT. 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 normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many

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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.

Benchmark notice

Revised historical data from the Manufacturers' Shipments, Inventories, and Orders (M3) Survey were issued on May 14, 2021. These revisions result from

- benchmarking the M3 shipments and inventories data to the 2019 and 2018 Annual Survey of Manufactures (ASM) data, as well as to revised ASM data from 2013 through 2016, resulting from benchmarking the ASM to the 2017 Economic Census;
- incorporating the unfilled orders to shipments ratios obtained for 2019 and 2018 from the Manufacturers' Unfilled Orders (M3UFO) Survey by applying these ratios to the respective ASM shipments data, as well as incorporating revised unfilled orders to shipments ratios for prior years;
- adjusting the new orders data to be consistent with the benchmarked shipments and unfilled orders data;
- correcting monthly data for late receipts, reclassifications of reported data, and revisions to previously reported data;
- updating the seasonally adjusted data based on the results of benchmarking and the recent annual review of the seasonal adjustment models.

These revisions spanned the seasonally adjusted data for January 2007 through March 2021 and the data not seasonally adjusted for January 2012 through March 2021. An updated Press Release contains revised monthly tables for January 2021 through March 2021.

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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		
	May 2021 ^P	Apr. 2021 ^r	Mar. 2021	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2021 ^P	Apr. 2021 ^r	Mar. 2021	May 2020	2021 ^P	2020	% Change 2021/2020
All manufacturing industries.....	490,436	487,131	486,040	0.7	0.2	2.1	495,162	489,567	518,296	392,244	2,390,523	2,126,046	12.4
Excluding transportation.....	419,414	415,807	412,617	0.9	0.8	1.9	425,738	418,528	434,959	350,051	2,031,515	1,827,893	11.1
Excluding defense.....	476,548	472,913	472,494	0.8	0.1	2.2	481,678	476,017	503,381	379,611	2,324,352	2,063,145	12.7
With unfilled orders.....	174,057	174,358	170,761	-0.2	2.1	2.6	172,956	173,459	186,725	139,822	841,729	760,612	10.7
Durable goods industries.....	248,312	247,366	247,434	0.4	0.0	2.7	246,241	247,630	269,425	188,220	1,211,633	1,049,222	15.5
Wood products.....	11,753	11,439	11,231	2.7	1.9	4.9	12,589	12,209	11,328	9,027	54,914	42,406	29.5
Nonmetallic mineral products.....	11,520	11,494	11,495	0.2	0.0	1.6	11,725	11,824	11,529	10,806	54,804	51,222	7.0
Primary metals.....	22,226	21,847	21,103	1.7	3.5	4.8	22,602	22,788	23,085	16,279	108,355	91,533	18.4
Iron and steel mills.....	11,018	10,687	10,329	3.1	3.5	3.5	11,366	11,305	11,504	7,716	54,296	44,983	20.7
Aluminum and nonferrous metals.....	9,911	9,914	9,540	0.0	3.9	5.7	9,914	10,179	10,206	7,424	47,877	40,204	19.1
Ferrous metal foundries.....	1,297	1,246	1,234	4.1	1.0	8.7	1,322	1,304	1,375	1,139	6,182	6,346	-2.6
Fabricated metal products.....	33,326	33,305	33,018	0.1	0.9	3.4	33,813	33,959	34,727	27,454	162,236	144,125	12.6
Machinery.....	35,195	34,707	34,165	1.4	1.6	2.4	35,415	35,252	38,073	29,260	170,547	151,682	12.4
Farm machinery.....	2,575	2,544	2,620	1.2	-2.9	-3.6	2,714	3,247	3,325	2,177	14,783	12,363	19.6
Construction machinery.....	3,104	3,065	3,173	1.3	-3.4	1.8	3,261	3,226	3,482	2,432	15,643	13,015	20.2
Mining, oil field, and gas field machinery.....	1,293	1,309	1,295	-1.2	1.1	2.0	1,242	1,229	1,420	1,190	6,269	7,092	-11.6
Industrial machinery.....	4,519	4,363	3,599	3.6	21.2	12.2	4,440	3,944	4,160	2,920	18,151	14,484	25.3
Photographic equipment.....	542	538	520	0.7	3.5	0.8	503	473	610	453	2,489	2,324	7.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,121	4,112	4,027	0.2	2.1	-2.8	4,367	4,186	4,326	3,689	19,539	17,031	14.7
Metalworking machinery.....	2,833	2,814	2,791	0.7	0.8	2.4	2,684	2,683	3,051	2,219	13,282	11,803	12.5
Turbines, generators, and other power transmission equipment.....	3,904	3,855	3,870	1.3	-0.4	1.4	3,963	3,908	4,005	3,414	19,408	17,366	11.8
Material handling equipment.....	2,975	2,839	2,838	4.8	0.0	7.7	2,892	2,810	3,136	2,417	13,881	12,963	7.1
Computers and electronic products ²	28,978	29,071	28,875	-0.3	0.7	0.9	27,201	26,538	31,008	24,949	136,046	125,580	8.3
Computers.....	736	730	725	0.8	0.7	-3.1	773	670	713	694	3,355	3,211	4.5
Computer storage devices.....	751	725	665	3.6	9.0	0.9	581	615	689	414	3,196	2,473	29.2
Other peripheral equipment.....	554	604	541	-8.3	11.6	-5.1	513	516	542	481	2,537	2,223	14.1
Nondefense communications equipment.....	3,187	3,165	3,239	0.7	-2.3	0.9	2,900	2,815	3,883	2,557	14,662	12,851	14.1
Defense communications equipment.....	227	217	225	4.6	-3.6	-1.3	211	218	230	214	1,060	1,025	3.4
Audio and video equipment.....	233	219	214	6.4	2.3	-1.8	221	179	188	209	954	942	1.3
Electronic components.....	4,532	4,569	4,595	-0.8	-0.6	0.7	4,512	4,394	4,918	4,239	22,029	20,430	7.8
Nondefense search and navigation equipment.....	1,506	1,546	1,481	-2.6	4.4	-1.3	1,490	1,375	1,757	1,403	7,367	7,243	1.7
Defense search and navigation equipment.....	3,021	3,065	3,028	-1.4	1.2	0.2	2,965	2,925	3,277	2,840	14,581	14,165	2.9
Electromedical, measuring, and control instruments.....	9,596	9,628	9,592	-0.3	0.4	1.2	9,023	8,740	10,632	8,303	45,252	41,485	9.1
Electrical equipment, appliances, and components.....	12,254	12,246	12,174	0.1	0.6	1.9	12,170	12,282	12,938	10,069	58,602	52,325	12.0
Electric lighting equipment.....	1,152	1,154	1,154	-0.2	0.0	0.3	1,190	1,147	1,209	1,069	5,595	5,534	1.1
Household appliances.....	2,569	2,558	2,659	0.4	-3.8	2.5	2,572	2,627	2,819	1,896	12,438	9,276	34.1
Electrical equipment.....	3,240	3,326	3,240	-2.6	2.7	0.7	3,208	3,223	3,615	3,075	15,710	16,727	-6.1
Batteries.....	901	884	875	1.9	1.0	1.6	823	862	892	687	4,077	3,454	18.0
Transportation equipment.....	71,022	71,324	73,423	-0.4	-2.9	3.5	69,424	71,039	83,337	42,193	359,008	298,153	20.4
Automobiles.....	5,423	5,228	5,900	3.7	-11.4	1.5	5,382	5,189	6,516	1,674	28,443	25,111	13.3
Light trucks and utility vehicles.....	15,704	15,380	18,576	2.1	-17.2	7.2	14,914	15,431	21,424	3,274	85,695	47,599	80.0
Heavy duty trucks.....	2,850	2,674	2,687	6.6	-0.5	2.0	2,859	2,686	3,147	1,710	13,604	10,254	32.7
Motor vehicle bodies, parts, and trailers.....	25,740	25,302	25,864	1.7	-2.2	2.6	25,761	26,288	28,714	19,088	130,769	113,399	15.3
Nondefense aircraft and parts.....	7,460	8,660	6,951	-13.9	24.6	5.8	6,814	7,717	8,627	3,891	34,102	38,741	-12.0
Defense aircraft and parts.....	4,453	4,562	4,543	-2.4	0.4	-1.3	4,237	4,221	5,081	4,375	21,460	22,184	-3.3
Ships and boats.....	3,317	3,269	2,881	1.5	13.5	2.1	3,462	3,296	3,136	2,734	15,133	13,767	9.9
Furniture and related products.....	5,943	5,952	5,965	-0.2	-0.2	-0.5	5,839	5,885	6,030	5,434	28,957	28,883	0.3
Miscellaneous durable goods.....	16,095	15,981	15,985	0.7	0.0	0.0	15,463	15,854	17,370	12,749	78,164	63,313	23.5
Nondurable goods industries.....	242,124	239,765	238,606	1.0	0.5	1.6	248,921	241,937	248,871	204,024	1,178,890	1,076,824	9.5
Food products.....	69,761	69,396	68,844	0.5	0.8	0.8	69,535	68,269	70,575	64,832	338,755	327,798	3.3
Grain and oilseed milling.....	7,672	7,621	7,536	0.7	1.1	0.6	7,544	7,407	7,892	6,910	37,287	34,137	9.2
Dairy products.....	11,061	10,874	10,787	1.7	0.8	0.3	11,051	10,719	10,975	9,910	52,991	50,450	5.0
Meat, poultry, and seafood products.....	19,519	19,224	19,090	1.5	0.7	0.9	20,154	19,468	19,444	18,228	94,531	93,559	1.0
Beverage and tobacco products.....	13,172	13,091	13,327	0.6	-1.8	4.2	13,845	13,405	13,379	12,560	63,867	60,550	5.5
Beverages.....	9,425	9,471	9,370	-0.5	1.1	1.4	10,098	9,785	9,422	8,936	45,591	42,985	6.1
Tobacco.....	3,747	3,620	3,957	3.5	-8.5	11.4	3,747	3,620	3,957	3,624	18,276	17,565	4.0
Textile mills.....	2,228	2,233	2,275	-0.2	-1.8	3.6	2,326	2,314	2,383	1,921	11,231	10,237	9.7
Textile products.....	1,883	1,867	1,875	0.9	-0.4	2.9	1,940	1,913	1,934	1,681	9,242	8,584	7.7
Apparel.....	858	859	861	-0.1	-0.2	1.1	811	751	814	731	3,953	3,756	5.2
Leather and allied products.....	485	451	412	7.5	9.5	2.7	471	455	427	307	2,129	1,617	31.7
Paper products.....	17,148	17,138	17,006	0.1	0.8	0.5	17,121	16,854	17,608	15,762	83,626	78,546	6.5
Pulp, paper, and paperboard mills.....	6,565	6,525	6,462	0.6	1.0	0.9	6,495	6,360	6,639	6,257	31,719	31,278	1.4
Paperboard containers.....	5,840	5,888	5,929	-0.8	-0.7	0.8	5,739	5,894	6,155	5,427	28,901	27,169	6.4
Printing.....	6,582	6,643	6,670	-0.9	-0.4	1.3	6,588	6,815	6,928	5,899	32,360	31,673	2.2
Petroleum and coal products.....	45,218	44,125	44,188	2.5	-0.1	3.4	50,189	45,562	44,684	23,959	216,657	163,401	32.6
Petroleum refineries.....	41,166	40,041	40,101	2.8	-0.1	3.7	45,940	41,483	40,730	20,245	197,576	145,637	35.7
Chemical products.....	63,911	63,295	62,490	1.0	1.3	0.8	64,770	64,280	68,158	57,052	314,317	292,353	7.5
Pesticides, fertilizers, and other agricultural chemicals.....	2,695	2,706	2,744	-0.4	-1.4	0.0	3,103	3,469	3,602	2,885	15,465	14,151	9.3
Pharmaceuticals and medicines.....	20,629	20,321	20,228	1.5	0.5	0.5	20,289	19,861	21,790	18,737	98,872	91,427	8.1
Paints, coatings, and adhesives.....	3,688	3,804	3,865	-3.0	-1.6	2.3	3,994	4,248	4,254	3,509	19,285	16,975	13.6
Plastics and rubber products.....	20,878	20,667	20,658	1.0	0.0	1.3	21,325	21,319	21,981	19,320	102,753	98,309	4.5

^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, May Full Report, July 2, 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		
	May 2021 ^p	Apr. 2021 ^r	Mar. 2021	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2021 ^p	Apr. 2021 ^r	Mar. 2021	May 2020	2021 ^p	2020	% Change 2021/2020
All manufacturing industries ²	495,536	487,409	488,073	1.7	-0.1	1.4	496,105	488,426	528,639	379,743	2,412,180	2,057,766	17.2
Excluding transportation ²	421,251	418,421	414,230	0.7	1.0	2.3	428,268	422,365	439,249	345,887	2,049,106	1,816,318	12.8
Excluding defense ²	483,118	476,651	474,317	1.4	0.5	1.9	486,676	477,396	508,736	369,245	2,345,259	1,989,159	17.9
With unfilled orders ²	183,649	179,098	177,221	2.5	1.1	0.7	177,777	176,281	200,889	130,785	883,750	711,205	24.3
Durable goods industries ²	253,412	247,644	249,467	2.3	-0.7	1.3	247,184	246,489	279,768	175,719	1,233,290	980,942	25.7
Primary metals.....	23,641	23,133	21,959	2.2	5.3	5.4	23,828	23,574	24,069	15,856	113,632	91,164	24.6
Iron and steel mills.....	11,661	11,369	10,745	2.6	5.8	5.6	11,769	11,763	12,048	7,624	56,534	44,666	26.6
Aluminum and nonferrous metals.....	10,512	10,370	9,807	1.4	5.7	4.1	10,563	10,357	10,599	7,217	50,136	40,413	24.1
Ferrous metal foundries.....	1,468	1,394	1,407	5.3	-0.9	12.7	1,496	1,454	1,422	1,015	6,962	6,085	14.4
Fabricated metal products.....	36,076	36,597	36,034	-1.4	1.6	7.0	36,917	37,652	38,545	27,453	178,171	144,467	23.3
Machinery.....	36,364	36,400	35,598	-0.1	2.3	3.2	36,288	37,268	39,375	28,928	179,550	154,508	16.2
Construction machinery.....	3,284	3,468	3,580	-5.3	-3.1	1.3	3,107	3,617	3,876	2,540	17,767	12,765	39.2
Mining, oil field, and gas field machinery.....	1,320	1,289	1,287	2.4	0.2	-7.7	1,269	1,209	1,412	1,065	6,313	6,831	-7.6
Industrial machinery.....	4,645	4,539	3,719	2.3	22.0	21.5	4,525	4,257	4,453	2,716	18,939	15,068	25.7
Photographic equipment.....	570	534	547	6.7	-2.4	-11.1	500	452	574	437	2,520	2,227	13.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,291	4,320	4,282	-0.7	0.9	-1.4	4,542	4,586	4,643	3,627	21,030	17,874	17.7
Metalworking machinery.....	2,932	2,691	2,820	9.0	-4.6	2.6	2,805	2,551	2,935	2,231	13,685	12,397	10.4
Turbines, generators, and other power transmission equipment.....	3,961	4,048	4,131	-2.1	-2.0	6.8	4,020	4,101	4,266	3,389	20,073	17,515	14.6
Material handling equipment.....	3,037	2,938	2,867	3.4	2.5	7.1	2,955	2,799	3,095	2,267	14,150	12,941	9.3
Computers and electronic products ²	24,710	24,787	24,675	-0.3	0.5	0.6	23,211	22,890	28,314	21,160	117,753	108,527	8.5
Computers.....	708	713	742	-0.7	-3.9	-1.1	745	653	730	668	3,318	3,129	6.0
Nondefense communications equipment.....	3,305	3,247	3,315	1.8	-2.1	3.3	2,979	3,010	4,035	2,526	15,309	13,227	15.7
Defense communications equipment.....	212	203	213	4.4	-4.7	-3.2	180	189	234	176	982	897	9.5
Electronic components.....	4,732	4,757	4,717	-0.5	0.8	3.4	4,681	4,672	4,907	4,116	22,670	20,617	10.0
Nondefense search and navigation equipment.....	1,644	1,667	1,570	-1.4	6.2	-2.1	1,601	1,552	1,873	1,461	8,031	7,881	1.9
Defense search and navigation equipment.....	2,807	2,868	2,940	-2.1	-2.4	-5.7	2,482	2,742	3,828	2,607	14,391	14,314	0.5
Electromedical, measuring, and control instruments.....	9,621	9,643	9,615	-0.2	0.3	1.4	9,094	8,634	10,930	8,371	45,676	42,165	8.3
Electrical equipment, appliances, and components.....	12,743	12,579	12,521	1.3	0.5	-0.1	12,802	12,787	13,320	10,160	61,953	53,735	15.3
Electric lighting equipment.....	1,126	1,140	1,243	-1.2	-8.3	4.0	1,132	1,134	1,312	1,030	5,702	5,425	5.1
Household appliances.....	2,623	2,602	2,683	0.8	-3.0	-2.1	2,665	2,717	2,862	2,023	12,731	9,494	34.1
Electrical equipment.....	3,229	3,140	3,197	2.8	-1.8	-4.4	3,181	3,023	3,599	3,017	16,044	17,175	-6.6
Transportation equipment.....	74,285	68,988	73,843	7.7	-6.6	-3.1	67,837	66,061	89,390	33,856	363,074	241,448	50.4
Motor vehicle bodies, parts, and trailers.....	26,032	25,735	26,195	1.2	-1.8	2.3	25,863	26,232	28,857	18,912	132,777	113,277	17.2
Nondefense aircraft and parts ³	11,685	9,138	6,931	27.9	31.8	-23.6	8,691	5,056	10,386	-2,155	35,623	-23,611	(NA)
Defense aircraft and parts.....	3,495	3,553	3,943	-1.6	-9.9	-26.8	2,363	3,164	5,893	3,000	20,754	23,017	-9.8
Ships and boats.....	2,905	1,542	3,711	88.4	-58.4	-5.3	1,520	2,868	6,065	1,620	19,123	17,862	7.1
Furniture and related products.....	6,186	6,206	6,117	-0.3	1.5	2.3	6,485	6,330	6,519	5,705	31,176	30,165	3.4
Nondurable goods industries.....	242,124	239,765	238,606	1.0	0.5	1.6	248,921	241,937	248,871	204,024	1,178,890	1,076,824	9.5

^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, May Full Report, July 2, 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 May 2021/ 2020
	May 2021 ^p	Apr. 2021 ^r	Mar. 2021	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2021 ^p	Apr. 2021 ^r	Mar. 2021	May 2020	
All manufacturing industries ²	1,209,473	1,199,881	1,195,141	0.8	0.4	0.5	1,216,632	1,211,811	1,208,989	1,233,459	-1.4
Excluding transportation ²	403,143	396,814	389,738	1.6	1.8	1.6	408,680	402,272	394,472	364,488	12.1
Excluding defense ²	993,344	982,282	974,082	1.1	0.8	0.6	999,331	990,455	985,113	1,011,247	-1.2
Durable goods industries ²	1,209,473	1,199,881	1,195,141	0.8	0.4	0.5	1,216,632	1,211,811	1,208,989	1,233,459	-1.4
Primary metals.....	39,502	38,087	36,801	3.7	3.5	2.4	39,984	38,758	37,972	31,467	27.1
Iron and steel mills.....	18,377	17,734	17,052	3.6	4.0	2.5	18,488	18,085	17,627	14,119	30.9
Aluminum and nonferrous metals.....	14,465	13,864	13,408	4.3	3.4	2.0	14,791	14,142	13,964	11,924	24.0
Ferrous metal foundries.....	6,660	6,489	6,341	2.6	2.3	2.8	6,705	6,531	6,381	5,424	23.6
Fabricated metal products.....	98,837	96,087	92,795	2.9	3.5	3.4	100,296	97,192	93,499	81,945	22.4
Machinery.....	105,018	103,849	102,156	1.1	1.7	1.4	106,439	105,566	103,550	96,569	10.2
Construction machinery.....	9,218	9,038	8,635	2.0	4.7	4.9	9,459	9,613	9,222	6,319	49.7
Mining, oil field, and gas field machinery.....	4,260	4,233	4,253	0.6	-0.5	-0.2	4,260	4,233	4,253	3,903	9.1
Industrial machinery.....	8,912	8,786	8,610	1.4	2.0	1.4	9,200	9,115	8,802	9,728	-5.4
Photographic equipment.....	2,004	1,976	1,980	1.4	-0.2	1.4	1,965	1,968	1,989	2,540	-22.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	7,944	7,774	7,566	2.2	2.7	3.5	8,314	8,139	7,739	6,847	21.4
Metalworking machinery.....	9,680	9,581	9,704	1.0	-1.3	0.3	9,785	9,664	9,796	8,774	11.5
Turbines, generators, and other power transmission equipment.....	21,827	21,770	21,577	0.3	0.9	1.2	21,827	21,770	21,577	21,693	0.6
Material handling equipment.....	13,006	12,944	12,845	0.5	0.8	0.2	13,016	12,953	12,964	12,411	4.9
Computers and electronic products ²	119,009	118,785	118,607	0.2	0.2	0.2	119,810	119,922	119,607	117,330	2.1
Computers.....	1,508	1,536	1,553	-1.8	-1.1	1.1	1,508	1,536	1,553	1,505	0.2
Nondefense communications equipment.....	18,433	18,315	18,233	0.6	0.4	0.4	18,615	18,536	18,341	17,620	5.6
Defense communications equipment.....	433	448	462	-3.3	-3.0	-2.5	436	467	496	542	-19.6
Electronic components.....	13,561	13,361	13,173	1.5	1.4	0.9	13,751	13,582	13,304	13,184	4.3
Nondefense search and navigation equipment.....	25,546	25,408	25,287	0.5	0.5	0.4	25,524	25,413	25,236	24,253	5.2
Defense search and navigation equipment.....	33,400	33,614	33,811	-0.6	-0.6	-0.3	33,585	34,068	34,251	34,132	-1.6
Electromedical, measuring, and control instruments.....	26,128	26,103	26,088	0.1	0.1	0.1	26,391	26,320	26,426	26,094	1.1
Electrical equipment, appliances, and components.....	29,308	28,819	28,486	1.7	1.2	1.2	29,955	29,323	28,818	26,059	15.0
Electric lighting equipment.....	1,922	1,948	1,962	-1.3	-0.7	4.8	1,896	1,954	1,967	1,760	7.7
Household appliances.....	2,788	2,734	2,690	2.0	1.6	0.9	2,790	2,697	2,607	1,702	63.9
Electrical equipment.....	12,249	12,260	12,446	-0.1	-1.5	-0.3	12,412	12,439	12,639	12,428	-0.1
Transportation equipment.....	806,330	803,067	805,403	0.4	-0.3	0.1	807,952	809,539	814,517	868,971	-7.0
Motor vehicle bodies, parts, and trailers.....	26,484	26,192	25,759	1.1	1.7	1.3	26,855	26,753	26,809	23,426	14.6
Nondefense aircraft and parts.....	580,021	575,796	575,318	0.7	0.1	0.0	580,281	578,404	581,065	639,140	-9.2
Defense aircraft and parts.....	83,134	84,092	85,101	-1.1	-1.2	-0.7	83,275	85,149	86,206	89,245	-6.7
Ships and boats.....	50,510	50,922	52,649	-0.8	-3.3	1.6	51,711	53,653	54,081	48,878	5.8
Furniture and related products.....	10,819	10,576	10,322	2.3	2.5	1.5	11,546	10,900	10,455	10,475	10.2

^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, May Full Report, July 2, 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				% Change May 2021/ 2020
	Monthly			Percent Change			Monthly				
	May 2021 ^p	Apr. 2021 ^r	Mar. 2021	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2021 ^p	Apr. 2021 ^r	Mar. 2021	May 2020	
All manufacturing industries.....	731,635	725,071	721,170	0.9	0.5	0.8	737,340	728,836	723,140	702,398	5.0
Excluding transportation.....	582,054	575,627	572,680	1.1	0.5	0.6	586,740	579,337	575,057	558,333	5.1
Excluding defense.....	707,107	700,510	696,739	0.9	0.5	0.8	712,629	704,221	698,695	678,269	5.1
With unfilled orders.....	359,623	357,315	355,606	0.6	0.5	0.9	363,272	359,499	355,810	353,716	2.7
Durable goods industries.....	445,545	442,463	439,538	0.7	0.7	1.1	449,965	444,936	440,254	434,566	3.5
Wood products.....	13,500	13,379	13,192	0.9	1.4	1.2	13,304	13,396	13,596	11,712	13.6
Nonmetallic mineral products.....	14,326	14,214	14,246	0.8	-0.2	0.3	14,687	14,496	14,560	15,113	-2.8
Primary metals.....	38,532	37,621	36,921	2.4	1.9	1.8	38,980	37,906	37,079	35,664	9.3
Iron and steel mills.....	21,308	20,869	20,430	2.1	2.1	1.5	21,519	20,898	20,460	20,251	6.3
Aluminum and nonferrous metals.....	14,915	14,455	14,188	3.2	1.9	2.2	15,098	14,640	14,267	13,051	15.7
Ferrous metal foundries.....	2,309	2,297	2,303	0.5	-0.3	1.9	2,363	2,368	2,352	2,362	0.0
Fabricated metal products.....	56,844	56,067	55,269	1.4	1.4	1.5	57,606	56,691	55,573	55,010	4.7
Machinery.....	71,981	71,231	70,903	1.1	0.5	0.2	72,741	71,659	71,477	71,759	1.4
Farm machinery.....	4,084	3,966	3,897	3.0	1.8	-1.4	4,098	3,952	4,033	3,681	11.3
Construction machinery.....	6,136	6,062	6,018	1.2	0.7	0.9	6,157	6,165	6,129	5,881	4.7
Mining, oil field, and gas field machinery.....	6,206	6,019	5,937	3.1	1.4	-0.9	6,211	5,967	5,886	6,400	-3.0
Industrial machinery.....	9,074	8,936	8,849	1.5	1.0	-0.3	9,100	8,678	9,116	8,487	7.2
Photographic equipment.....	1,287	1,287	1,286	0.0	0.1	-0.6	1,291	1,290	1,240	1,284	0.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,413	5,444	5,508	-0.6	-1.2	0.4	5,736	5,837	5,808	6,124	-6.3
Metalworking machinery.....	5,785	5,755	5,706	0.5	0.9	1.0	5,832	5,765	5,658	5,909	-1.3
Turbines, generators, and other power transmission equipment.....	9,256	9,183	9,181	0.8	0.0	0.5	9,504	9,379	9,153	9,510	-0.1
Material handling equipment.....	5,479	5,446	5,399	0.6	0.9	1.3	5,493	5,500	5,369	5,413	1.5
Computers and electronic products ²	46,426	46,434	46,551	0.0	-0.3	0.1	47,088	46,796	46,083	47,965	-1.8
Computers.....	1,975	1,995	1,975	-1.0	1.0	3.6	2,062	1,947	1,894	1,970	4.7
Computer storage devices.....	894	871	845	2.6	3.1	2.1	852	789	743	684	24.6
Other peripheral equipment.....	824	854	868	-3.5	-1.6	4.6	844	876	854	893	-5.5
Nondefense communications equipment.....	4,409	4,398	4,391	0.3	0.2	-0.5	4,522	4,406	4,314	4,558	-0.8
Defense communications equipment.....	667	662	656	0.8	0.9	0.0	667	662	656	644	3.6
Audio and video equipment.....	672	690	697	-2.6	-1.0	0.1	681	713	699	954	-28.6
Electronic components.....	8,079	8,172	8,260	-1.1	-1.1	-0.6	8,149	8,604	8,391	9,076	-10.2
Nondefense search and navigation equipment.....	3,267	3,243	3,252	0.7	-0.3	0.6	3,271	3,243	3,207	3,269	0.1
Defense search and navigation equipment.....	3,015	3,017	3,024	-0.1	-0.2	0.3	3,104	3,065	3,031	3,041	2.1
Electromedical, measuring and control instruments.....	16,333	16,309	16,286	0.1	0.1	0.3	16,627	16,376	16,133	16,298	2.0
Electrical equipment, appliances, and components.....	20,333	20,159	20,205	0.9	-0.2	0.8	20,687	20,505	20,398	20,109	2.9
Electric lighting equipment.....	2,346	2,325	2,343	0.9	-0.8	0.5	2,368	2,337	2,335	2,387	-0.8
Household appliances.....	2,851	2,826	2,853	0.9	-0.9	4.0	2,886	2,893	2,924	2,635	9.5
Electrical equipment.....	6,296	6,205	6,278	1.5	-1.2	1.1	6,449	6,361	6,297	6,496	-0.7
Batteries.....	1,731	1,733	1,779	-0.1	-2.6	0.3	1,819	1,787	1,843	1,805	0.8
Transportation equipment.....	149,581	149,444	148,490	0.1	0.6	1.6	150,600	149,499	148,083	144,065	4.5
Automobiles.....	6,178	6,122	6,018	0.9	1.7	4.4	6,175	6,129	6,010	5,468	12.9
Light trucks and utility vehicles.....	7,821	7,607	6,707	2.8	13.4	13.6	8,008	7,488	6,677	5,128	56.2
Heavy duty trucks.....	2,478	2,405	2,346	3.0	2.5	2.4	2,622	2,462	2,370	2,058	27.4
Motor vehicle bodies, parts, and trailers.....	29,731	29,602	29,024	0.4	2.0	1.7	29,879	29,825	29,274	28,353	5.4
Nondefense aircraft and parts.....	75,859	76,228	77,095	-0.5	-1.1	0.8	76,354	76,135	76,511	76,825	-0.6
Defense aircraft and parts.....	12,326	12,322	12,278	0.0	0.4	-1.0	12,376	12,372	12,202	12,243	1.1
Ships and boats.....	3,688	3,757	3,453	-1.8	8.8	3.8	3,731	3,707	3,535	3,186	17.1
Furniture and related products.....	7,601	7,576	7,517	0.3	0.8	0.7	7,675	7,536	7,407	7,532	1.9
Miscellaneous durable goods.....	26,421	26,338	26,244	0.3	0.4	0.6	26,597	26,452	25,998	25,637	3.7
Nondurable goods industries.....	286,090	282,608	281,632	1.2	0.3	0.3	287,375	283,900	282,886	267,832	7.3
Food products.....	62,367	61,962	61,909	0.7	0.1	0.0	60,732	60,674	60,984	58,664	3.5
Grain and oilseed milling.....	6,652	6,292	6,301	5.7	-0.1	0.6	6,394	6,139	6,441	5,113	25.1
Dairy products.....	9,138	9,085	8,944	0.6	1.6	-0.1	9,307	9,255	9,014	8,671	7.3
Meat, poultry, and seafood products.....	9,812	9,753	9,753	0.6	0.0	0.1	9,737	9,602	9,796	9,521	2.3
Beverage and tobacco products.....	26,444	26,258	26,004	0.7	1.0	0.3	26,551	26,502	26,182	26,554	0.0
Beverages.....	22,847	22,637	22,357	0.9	1.3	0.5	23,027	22,879	22,439	22,719	1.4
Tobacco.....	3,597	3,621	3,647	-0.7	-0.7	-0.7	3,524	3,623	3,743	3,835	-8.1
Textile mills.....	3,061	3,067	3,035	-0.2	1.1	0.8	3,084	3,084	3,027	3,123	-1.2
Textile products.....	3,864	3,862	3,857	0.1	0.1	1.0	3,850	3,853	3,869	4,047	-4.9
Apparel.....	1,808	1,791	1,784	0.9	0.4	0.2	1,813	1,758	1,735	1,846	-1.8
Leather and allied products.....	899	895	897	0.4	-0.2	-0.1	915	892	880	956	-4.3
Paper products.....	15,512	15,505	15,359	0.0	1.0	0.6	15,631	15,513	15,339	15,359	1.8
Pulp, paper, and paperboard mills.....	4,837	4,870	4,839	-0.7	0.6	-0.5	4,883	4,915	4,885	5,151	-5.2
Paperboard containers.....	5,433	5,427	5,437	0.1	-0.2	-0.2	5,494	5,395	5,442	5,381	2.1
Printing.....	5,819	5,797	5,727	0.4	1.2	-1.2	5,780	5,851	5,697	5,951	-2.9
Petroleum and coal products.....	39,928	37,737	37,834	5.8	-0.3	2.1	41,356	39,096	38,842	29,501	40.2
Petroleum refineries.....	34,810	32,693	32,788	6.5	-0.3	2.4	36,070	33,959	33,756	24,071	49.8
Chemical products.....	98,911	98,443	98,134	0.5	0.3	0.0	99,873	99,044	98,813	94,766	5.4
Pesticides, fertilizers, and other agricultural chemicals.....	5,051	5,025	4,972	0.5	1.1	-0.4	5,022	5,151	5,336	5,147	-2.4
Pharmaceuticals and medicines.....	45,411	45,410	45,478	0.0	-0.1	-0.9	45,874	45,439	45,366	43,328	5.9
Paints, coatings, and adhesives.....	4,041	3,999	4,006	1.1	-0.2	-0.4	4,125	4,158	4,174	3,990	3.4
Plastics and rubber products.....	27,477	27,291	27,092	0.7	0.7	0.2	27,790	27,633	27,518	27,065	2.7

^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 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, May Full Report, July 2, 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
	May 2021 ^p	Apr. 2021 ^f	Mar. 2021	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2021 ^p	Apr. 2021 ^f	Mar. 2021	May 2020	2021 ^p	2020	
SHIPMENTS													
All manufacturing industries.....	490,436	487,131	486,040	0.7	0.2	2.1	495,162	489,567	518,296	392,244	2,390,523	2,126,046	12.4
Construction materials and supplies.....	55,537	55,453	55,140	0.2	0.6	3.2	57,704	57,567	56,444	47,468	266,600	232,839	14.5
Information technology.....	24,888	24,902	24,619	-0.1	1.1	0.8	23,691	23,077	27,282	21,041	116,924	105,935	10.4
Computers and related products.....	2,041	2,059	1,931	-0.9	6.6	-2.3	1,867	1,801	2,154	1,589	9,088	7,907	14.9
Motor vehicle and parts.....	49,717	48,584	53,027	2.3	-8.4	4.0	48,916	49,594	59,801	25,746	258,511	196,363	31.6
Capital goods.....	89,680	90,424	87,460	-0.8	3.4	1.6	87,280	87,526	97,718	71,752	428,295	382,842	11.9
Nondefense capital goods ³	77,733	78,157	75,807	-0.5	3.1	1.8	75,525	75,758	85,007	60,827	371,158	329,476	12.7
Excluding aircraft.....	73,338	72,559	71,883	1.1	0.9	1.6	71,577	71,007	79,756	59,448	351,482	307,811	14.2
Defense capital goods ⁴	11,947	12,267	11,653	-2.6	5.3	0.4	11,755	11,768	12,711	10,925	57,137	53,366	7.1
Consumer goods.....	196,341	193,822	197,112	1.3	-1.7	2.2	200,427	194,044	206,109	148,124	961,963	835,056	15.2
Consumer durable goods.....	35,029	34,512	38,377	1.5	-10.1	4.1	34,131	34,772	42,800	17,098	182,620	135,280	35.0
Consumer nondurable goods.....	161,312	159,310	158,735	1.3	0.4	1.8	166,296	159,272	163,309	131,026	779,343	699,776	11.4
NEW ORDERS													
All manufacturing industries ⁵	495,536	487,409	488,073	1.7	-0.1	1.4	496,105	488,426	528,639	379,743	2,412,180	2,057,766	17.2
Construction materials and supplies.....	58,154	58,184	58,114	-0.1	0.1	4.9	60,746	60,841	60,189	47,101	281,287	232,195	21.1
Information technology.....	25,412	25,377	25,028	0.1	1.4	0.2	24,031	23,721	28,636	20,884	121,002	108,324	11.7
Computers and related products.....	2,013	2,042	1,948	-1.4	4.8	-1.6	1,839	1,784	2,171	1,563	9,051	7,825	15.7
Motor vehicle and parts.....	50,009	49,017	53,358	2.0	-8.1	3.9	49,018	49,538	59,944	25,570	260,519	196,241	32.8
Capital goods.....	94,518	90,507	89,710	4.4	0.9	-2.7	87,720	86,862	106,669	64,072	447,117	332,590	34.4
Nondefense capital goods ³	83,833	81,405	77,437	3.0	5.1	-1.1	79,513	77,136	88,830	54,639	387,648	271,959	42.5
Excluding aircraft.....	75,404	75,315	73,318	0.1	2.7	1.6	73,705	74,434	81,723	59,454	366,174	314,607	16.4
Defense capital goods ⁴	10,685	9,102	12,273	17.4	-25.8	-11.7	8,207	9,726	17,839	9,433	59,469	60,631	-1.9
Consumer goods.....	196,528	194,053	197,361	1.3	-1.7	2.3	200,667	194,218	206,482	148,295	963,302	835,454	15.3
Consumer durable goods.....	35,216	34,743	38,626	1.4	-10.1	4.3	34,371	34,946	43,173	17,269	183,959	135,678	35.6
Consumer nondurable goods.....	161,312	159,310	158,735	1.3	0.4	1.8	166,296	159,272	163,309	131,026	779,343	699,776	11.4
UNFILLED ORDERS													
All manufacturing industries ⁵	1,209,473	1,199,881	1,195,141	0.8	0.4	0.5	1,216,632	1,211,811	1,208,989	1,233,459	(X)	(X)	-1.4
Construction materials and supplies.....	71,036	68,419	65,688	3.8	4.2	4.7	72,484	69,442	66,168	56,785	(X)	(X)	27.6
Information technology.....	119,801	119,277	118,802	0.4	0.4	0.3	120,881	120,541	119,897	116,855	(X)	(X)	3.4
Computers and related products.....	1,508	1,536	1,553	-1.8	-1.1	1.1	1,508	1,536	1,553	1,505	(X)	(X)	0.2
Motor vehicle and parts.....	26,484	26,192	25,759	1.1	1.7	1.3	26,855	26,753	26,809	23,426	(X)	(X)	14.6
Capital goods.....	920,635	915,797	915,714	0.5	0.0	0.2	925,275	924,835	925,499	966,998	(X)	(X)	-4.3
Nondefense capital goods ³	730,085	723,985	720,737	0.8	0.5	0.2	733,215	729,227	727,849	773,882	(X)	(X)	-5.3
Excluding aircraft.....	225,668	223,602	220,846	0.9	1.2	0.7	228,602	226,474	223,047	212,878	(X)	(X)	7.4
Defense capital goods ⁴	190,550	191,812	194,977	-0.7	-1.6	0.3	192,060	195,608	197,650	193,116	(X)	(X)	-0.5
Consumer goods.....	7,443	7,256	7,025	2.6	3.3	3.7	7,552	7,312	7,138	5,576	(X)	(X)	35.4
Consumer durable goods.....	7,443	7,256	7,025	2.6	3.3	3.7	7,552	7,312	7,138	5,576	(X)	(X)	35.4
TOTAL INVENTORIES													
All manufacturing industries.....	731,635	725,071	721,170	0.9	0.5	0.8	737,340	728,836	723,140	702,398	(X)	(X)	5.0
Construction materials and supplies.....	77,487	76,536	75,682	1.2	1.1	1.3	78,625	77,885	76,997	75,102	(X)	(X)	4.7
Information technology.....	40,596	40,541	40,376	0.1	0.4	0.3	41,229	40,638	39,909	40,530	(X)	(X)	1.7
Computers and related products.....	3,693	3,720	3,688	-0.7	0.9	3.5	3,758	3,612	3,491	3,547	(X)	(X)	5.9
Motor vehicle and parts.....	46,208	45,736	44,095	1.0	3.7	3.7	46,684	45,904	44,331	41,007	(X)	(X)	13.8
Capital goods.....	218,241	217,488	217,433	0.3	0.0	0.3	220,555	217,820	216,639	217,004	(X)	(X)	1.6
Nondefense capital goods ³	197,388	196,617	196,699	0.4	0.0	0.3	199,569	196,945	195,815	196,612	(X)	(X)	1.5
Excluding aircraft.....	132,392	131,262	130,658	0.9	0.5	0.3	134,087	131,689	130,373	130,862	(X)	(X)	2.5
Defense capital goods ⁴	20,853	20,871	20,734	-0.1	0.7	0.0	20,986	20,875	20,824	20,392	(X)	(X)	2.9
Consumer goods.....	224,626	221,517	220,088	1.4	0.6	1.0	225,046	221,645	219,916	203,960	(X)	(X)	10.3
Consumer durable goods.....	36,490	36,157	35,041	0.9	3.2	4.4	36,669	36,105	34,904	32,086	(X)	(X)	14.3
Consumer nondurable goods.....	188,136	185,360	185,047	1.5	0.2	0.3	188,377	185,540	185,012	171,874	(X)	(X)	9.6

^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, May Full Report, July 2, 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 May 2021/ 2020
	May 2021 ^p	Apr. 2021 ^r	Mar. 2021	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2021 ^p	Apr. 2021 ^r	Mar. 2021	May 2020	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	254,605	252,503	250,369	0.8	0.9	1.0	255,979	253,550	251,028	242,356	5.6
Durable goods industries.....	156,754	155,474	153,926	0.8	1.0	1.0	157,470	155,851	153,723	151,860	3.7
Wood products.....	5,987	5,955	5,878	0.5	1.3	1.8	5,656	5,712	5,831	5,028	12.5
Nonmetallic mineral products.....	6,051	5,979	5,963	1.2	0.3	1.5	6,107	6,018	6,001	6,010	1.6
Primary metals.....	14,473	13,951	13,644	3.7	2.3	2.4	14,297	13,716	13,434	13,655	4.7
Fabricated metal products.....	22,363	21,982	21,695	1.7	1.3	2.5	22,433	21,952	21,599	20,311	10.4
Machinery.....	28,619	28,490	28,287	0.5	0.7	0.8	28,923	28,672	28,401	28,632	1.0
Computers and electronic products.....	21,272	21,192	21,326	0.4	-0.6	-0.1	21,592	21,309	21,088	21,579	0.1
Electrical equipment, appliances, and components.....	9,000	8,991	9,002	0.1	-0.1	0.1	9,179	9,142	9,055	9,119	0.7
Transportation equipment.....	36,655	36,651	35,946	0.0	2.0	0.5	36,896	37,085	36,303	35,351	4.4
Furniture and related products.....	3,776	3,777	3,742	0.0	0.9	1.0	3,810	3,776	3,709	3,704	2.9
Miscellaneous products.....	8,558	8,506	8,443	0.6	0.7	1.0	8,577	8,469	8,302	8,471	1.3
Nondurable goods industries.....	97,851	97,029	96,443	0.8	0.6	0.9	98,509	97,699	97,305	90,496	8.9
Food products.....	22,892	22,474	22,366	1.9	0.5	0.1	22,593	22,078	22,414	21,334	5.9
Beverage and tobacco products.....	5,408	5,373	5,294	0.7	1.5	0.5	5,411	5,435	5,388	5,683	-4.8
Textiles.....	1,211	1,212	1,193	-0.1	1.6	1.5	1,229	1,229	1,192	1,196	2.8
Textile products.....	1,377	1,373	1,372	0.3	0.1	-0.1	1,374	1,366	1,375	1,425	-3.6
Apparel.....	603	595	603	1.3	-1.3	4.0	607	591	592	597	1.7
Leather and allied products.....	290	289	293	0.3	-1.4	-1.7	297	285	285	310	-4.2
Paper products.....	7,852	7,791	7,718	0.8	0.9	0.3	7,844	7,759	7,732	7,634	2.8
Printing.....	2,852	2,859	2,805	-0.2	1.9	-0.3	2,856	2,872	2,796	2,893	-1.3
Petroleum and coal products.....	12,453	12,321	12,481	1.1	-1.3	2.9	13,187	13,053	13,004	8,824	49.4
Chemical products.....	31,159	31,090	30,744	0.2	1.1	0.6	31,298	31,290	30,962	29,147	7.4
Plastics and rubber products.....	11,754	11,652	11,574	0.9	0.7	1.9	11,813	11,741	11,565	11,453	3.1
WORK IN PROCESS											
All manufacturing industries.....	216,446	214,885	214,156	0.7	0.3	0.8	217,730	215,503	214,064	210,153	3.6
Durable goods industries.....	164,638	164,191	164,064	0.3	0.1	1.1	166,241	164,635	163,882	161,914	2.7
Wood products.....	2,222	2,207	2,211	0.7	-0.2	-0.4	2,217	2,212	2,281	1,744	27.1
Nonmetallic mineral products.....	1,477	1,479	1,482	-0.1	-0.2	0.4	1,520	1,541	1,539	1,580	-3.8
Primary metals.....	10,964	10,936	10,798	0.3	1.3	3.9	11,125	11,098	10,764	10,035	10.9
Fabricated metal products.....	14,062	13,905	13,659	1.1	1.8	0.9	14,218	14,029	13,753	14,138	0.6
Machinery.....	20,817	20,272	20,208	2.7	0.3	1.3	21,107	20,234	20,226	19,375	8.9
Computers and electronic products.....	13,167	13,286	13,249	-0.9	0.3	-0.1	13,524	13,711	13,400	14,112	-4.2
Electrical equipment, appliances, and components.....	3,918	3,896	3,911	0.6	-0.4	-0.3	4,033	3,975	3,930	4,045	-0.3
Transportation equipment.....	92,688	92,956	93,355	-0.3	-0.4	1.2	93,124	92,565	92,840	91,865	1.4
Furniture and related products.....	1,221	1,192	1,166	2.4	2.2	-0.4	1,229	1,177	1,159	1,157	6.2
Miscellaneous products.....	4,102	4,062	4,025	1.0	0.9	0.5	4,144	4,093	3,990	3,863	7.3
Nondurable goods industries.....	51,808	50,694	50,092	2.2	1.2	-0.4	51,489	50,868	50,182	48,239	6.7
Food products.....	7,392	7,356	7,367	0.5	-0.1	-3.0	6,896	6,979	7,143	7,672	-10.1
Beverage and tobacco products.....	9,207	9,185	9,070	0.2	1.3	0.7	9,124	9,213	9,139	9,635	-5.3
Textiles.....	566	562	555	0.7	1.3	-0.5	572	567	554	577	-0.9
Textile products.....	394	391	394	0.8	-0.8	0.5	389	392	400	399	-2.5
Apparel.....	243	248	242	-2.0	2.5	0.4	244	247	238	247	-1.2
Leather and allied products.....	94	93	90	1.1	3.3	1.1	95	92	90	85	11.8
Paper products.....	1,466	1,467	1,450	-0.1	1.2	1.9	1,473	1,465	1,438	1,367	7.8
Printing.....	1,177	1,108	1,086	6.2	2.0	-3.6	1,116	1,121	1,093	1,092	2.2
Petroleum and coal products.....	11,048	10,473	10,194	5.5	2.7	1.7	11,401	10,968	10,565	7,432	53.4
Chemical products.....	16,693	16,274	16,091	2.6	1.1	-1.5	16,638	16,251	15,922	16,531	0.6
Plastics and rubber products.....	3,528	3,537	3,553	-0.3	-0.5	0.9	3,541	3,573	3,600	3,202	10.6
FINISHED GOODS											
All manufacturing industries.....	260,584	257,683	256,645	1.1	0.4	0.6	263,631	259,783	258,048	249,889	5.5
Durable goods industries.....	124,153	122,798	121,548	1.1	1.0	1.0	126,254	124,450	122,649	120,792	4.5
Wood products.....	5,291	5,217	5,103	1.4	2.2	1.3	5,431	5,472	5,484	4,940	9.9
Nonmetallic mineral products.....	6,798	6,756	6,801	0.6	-0.7	-0.7	7,060	6,937	7,020	7,523	-6.2
Primary metals.....	13,095	12,734	12,479	2.8	2.0	-0.6	13,558	13,092	12,881	11,974	13.2
Fabricated metal products.....	20,419	20,180	19,915	1.2	1.3	1.0	20,955	20,710	20,221	20,561	1.9
Machinery.....	22,545	22,469	22,408	0.3	0.3	-1.4	22,711	22,753	22,850	23,752	-4.4
Computers and electronic products.....	11,987	11,956	11,976	0.3	-0.2	0.7	11,972	11,776	11,595	12,274	-2.5
Electrical equipment, appliances, and components.....	7,415	7,272	7,292	2.0	-0.3	2.4	7,475	7,388	7,413	6,945	7.6
Transportation equipment.....	20,238	19,837	19,189	2.0	3.4	5.6	20,580	19,849	18,940	16,849	22.1
Furniture and related products.....	2,604	2,607	2,609	-0.1	-0.1	0.7	2,636	2,583	2,539	2,671	-1.3
Miscellaneous products.....	13,761	13,770	13,776	-0.1	0.0	0.4	13,876	13,890	13,706	13,303	4.3
Nondurable goods industries.....	136,431	134,885	135,097	1.1	-0.2	0.2	137,377	135,333	135,399	129,097	6.4
Food products.....	32,083	32,132	32,176	-0.2	-0.1	0.6	31,243	31,617	31,427	29,658	5.3
Beverage and tobacco products.....	11,829	11,700	11,640	1.1	0.5	0.0	12,016	11,854	11,655	11,236	6.9
Textiles.....	1,284	1,293	1,287	-0.7	0.5	0.8	1,283	1,288	1,281	1,350	-5.0
Textile products.....	2,093	2,098	2,091	-0.2	0.3	1.8	2,087	2,095	2,094	2,223	-6.1
Apparel.....	962	948	939	1.5	1.0	-2.2	962	920	905	1,002	-4.0
Leather and allied products.....	515	513	514	0.4	-0.2	0.6	523	515	505	561	-6.8
Paper products.....	6,194	6,247	6,191	-0.8	0.9	0.6	6,314	6,289	6,169	6,358	-0.7
Printing.....	1,790	1,830	1,836	-2.2	-0.3	-1.2	1,808	1,858	1,808	1,966	-8.0
Petroleum and coal products.....	16,427	14,943	15,159	9.9	-1.4	1.7	16,768	15,075	15,273	13,245	26.6
Chemical products.....	51,059	51,079	51,299	0.0	-0.4	0.0	51,937	51,503	51,929	49,088	5.8
Plastics and rubber products.....	12,195	12,102	11,965	0.8	1.1	-1.6	12,436	12,319	12,353	12,410	0.2

^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.

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, May Full Report, July 2, 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			
	May 2021 ^P	Apr 2021 ^r	Mar 2021	Feb 2021	May 2021 ^P	Apr 2021 ^r	Mar 2021	Feb 2021
All manufacturing industries ³	1.49	1.49	1.48	1.50	(X)	(X)	(X)	(X)
Durable goods industries ³	1.79	1.79	1.78	1.81	6.95	6.88	7.00	7.14
Wood products.....	1.15	1.17	1.17	1.22	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.24	1.24	1.24	1.26	(X)	(X)	(X)	(X)
Primary metals.....	1.73	1.72	1.75	1.80	1.78	1.74	1.74	1.78
Fabricated metal products.....	1.71	1.68	1.67	1.70	3.05	2.97	2.89	2.89
Machinery.....	2.05	2.05	2.08	2.12	3.29	3.30	3.32	3.36
Computers and electronic products ³	1.60	1.60	1.61	1.63	5.22	5.18	5.18	5.20
Electrical equipment, appliances, and components.....	1.66	1.65	1.66	1.68	2.58	2.54	2.52	2.54
Transportation equipment.....	2.11	2.10	2.02	2.06	17.14	16.72	17.41	17.83
Furniture and related products.....	1.28	1.27	1.26	1.25	2.07	2.01	1.95	1.93
Miscellaneous products.....	1.64	1.65	1.64	1.63	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.18	1.18	1.18	1.19	(X)	(X)	(X)	(X)
Food products.....	0.89	0.89	0.90	0.91	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	2.01	2.01	1.95	2.03	(X)	(X)	(X)	(X)
Textiles.....	1.37	1.37	1.33	1.37	(X)	(X)	(X)	(X)
Textile products.....	2.05	2.07	2.06	2.09	(X)	(X)	(X)	(X)
Apparel.....	2.11	2.08	2.07	2.09	(X)	(X)	(X)	(X)
Leather and allied products.....	1.85	1.98	2.18	2.24	(X)	(X)	(X)	(X)
Paper products.....	0.90	0.90	0.90	0.90	(X)	(X)	(X)	(X)
Printing.....	0.88	0.87	0.86	0.88	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.88	0.86	0.86	0.87	(X)	(X)	(X)	(X)
Chemical products.....	1.55	1.56	1.57	1.58	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.32	1.32	1.31	1.33	(X)	(X)	(X)	(X)

^X Not Applicable

^P Preliminary

^r 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.

³ 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, May Full Report, July 2, 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	
	May ² 2021	May ³ 2020-Apr 2021	May ² 2021	May ³ 2020-Apr 2021	May ² 2021	May ³ 2020-Apr 2021	May ² 2021	May ³ 2020-Apr 2021
All manufacturing industries.....	(X)	0.2	(X)	0.3	(X)	0.1	(X)	0.1
Durable goods industries.....	0.0	0.2	0.0	0.6	0.0	0.1	0.0	0.1
Wood products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Nonmetallic mineral products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.1	0.7	0.0	1.0	-0.1	0.3	0.0	0.2
Fabricated metal products.....	-0.3	0.4	-0.3	1.1	0.0	0.3	0.1	0.2
Machinery.....	0.3	0.4	0.3	0.9	0.0	0.2	0.1	0.1
Computers and electronic products.....	0.0	0.3	0.0	0.3	0.0	0.1	0.0	0.1
Electrical equipment, appliances, and components.....	0.0	0.5	0.0	1.0	0.0	0.3	0.0	0.2
Transportation equipment.....	0.0	0.7	0.1	1.4	0.0	0.1	0.0	0.1
Furniture and related products.....	(X)	0.6	(X)	0.7	(X)	0.5	(X)	0.4
Miscellaneous products.....	(X)	0.4	(X)	0.4	(X)	0.1	(X)	0.1
Nondurable goods industries.....	(X)	0.1	(X)	(NA)	(X)	(NA)	(X)	0.1
Food products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.1
Beverage and tobacco products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Textiles.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.1
Textile products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Paper products.....	(X)	0.1	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4
Petroleum and coal products.....	(X)	0.5	(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)	0.2

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, May Full Report, July 2, 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>.