FOR RELEASE AT 10:00 AM EDT, FRIDAY, JUNE 4, 2021

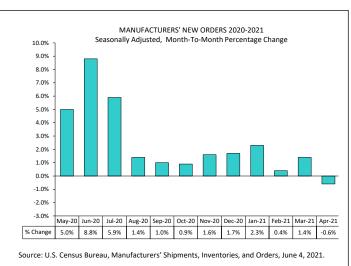
MONTHLY FULL REPORT ON MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS APRIL 2021

Release Number: CB 21-76 M3-2 (21)-04

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 < <u>M3</u> <u>COVID-19 FAQs</u>>.

June 4, 2021 — The U.S. Census Bureau announces the April full report on manufacturers' shipments, inventories and orders:





Summary

New orders for manufactured goods in April, down following eleven consecutive monthly increases, decreased \$2.9 billion or 0.6 percent to \$485.2 billion, the U.S. Census Bureau reported today. This followed a 1.4 percent March increase. Shipments, up eleven of the last twelve months, increased \$1.8 billion or 0.4 percent to \$487.8 billion. This followed a 2.1 percent March increase. Unfilled orders, up three consecutive months, increased \$1.8 billion or 0.2 percent to \$1,196.9 billion. This followed a 0.5 percent March increase. The unfilled orders-to-shipments ratio was 6.84, down from 7.00 in March. Inventories, up ten of the last eleven months, increased \$2.4 billion or 0.3 percent to \$723.6 billion. This followed a 0.8 percent March increase. The inventories-to-shipments ratio was 1.48, unchanged from March.

Data Inquiries

Economic Indicators Division, Shipments, Inventories, and Orders Branch (M3) 301-763-4832 eid.m3.qs@census.gov



New Orders

New orders for manufactured durable goods in April, down following eleven consecutive monthly increases, decreased \$3.2 billion or 1.3 percent to \$246.3 billion, unchanged from the previously published decrease. This followed a 1.3 percent March increase. Transportation equipment, down two consecutive months, drove the decrease, \$4.9 billion or 6.6 percent to \$68.9 billion. New orders for manufactured nondurable goods increased \$0.2 billion or 0.1 percent to \$238.9 billion.

Shipments

Shipments of manufactured durable goods in April, up eleven of the last twelve months, increased \$1.5 billion or 0.6 percent to \$249.0 billion, unchanged from the previously published increase. This followed a 2.7 percent March increase. Primary metals, also up eleven of the last twelve months, led the increase, \$0.6 billion or 2.7 percent to \$21.7 billion. Shipments of manufactured nondurable goods, up eleven of the last twelve months, increased \$0.2 billion or 0.1 percent to \$238.9 billion. This followed a 1.6 percent March increase. Chemical products, also up eleven of the last twelve months, drove the increase, \$0.6 billion or 0.9 percent to \$63.0 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in April, up three consecutive months, increased \$1.8 billion or 0.2 percent to \$1,196.9 billion, unchanged from the previously published increase. This followed a 0.5 percent March increase. Fabricated metal products, up eleven consecutive months, drove the increase, \$3.1 billion or 3.4 percent to \$95.9 billion.

Inventories

Inventories of manufactured durable goods in April, up three consecutive months, increased \$2.3 billion or 0.5 percent to \$441.8 billion, unchanged from the previously published increase. This followed a 1.1 percent March increase. Transportation equipment, also up three consecutive months, led the increase, \$0.9 billion or 0.6 percent to \$149.4 billion. Inventories of manufactured nondurable goods, up eight of the last nine months, increased \$0.1 billion or virtually unchanged to \$281.8 billion. This followed a 0.3 percent March increase. Beverage and Tobacco products, up three consecutive months, drove the increase, \$0.2 billion or 0.7 percent to \$26.2 billion. By stage of fabrication, April materials and supplies increased 0.9 percent in durable goods and 0.3 percent in nondurable goods. Work in process was virtually unchanged in durable goods and increased 0.8 percent in nondurable goods. Finished goods increased 0.7 percent in durable goods and decreased 0.4 percent in nondurable goods.

Data Inquiries

Economic Indicators Division, Shipments, Inventories, and Orders Branch (M3) 301-763-4832

eid.m3.qs@census.gov



The Advance Report on durable goods for May is scheduled for release on June 24, 2021 at 8:30 a.m. EDT and the Full Report on July 2, 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-inprocess, 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 monthto-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

Data InquiriesEconomic Indicators Division, Shipments, Inventories, and Orders Branch (M3) 301-763-4832
eid.m3.qs@census.gov



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.

Data Inquiries

Economic Indicators Division, Shipments, Inventories, and Orders Branch (M3) 301-763-4832

eid.m3.qs@census.gov



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.

###

Data Inquiries

Economic Indicators Division, Shipments, Inventories, and Orders Branch (M3) 301-763-4832

eid.m3.qs@census.gov



Table 1. Value of Manufacturers' Shipments for Industry Groups¹

[Estimates are shown in millions of do	liars and a		asonally Ad		anutactu	rers' Sni	pments, in	ventories,		Seasonally Ac	liusted		
		Monthly	,		rcent Chan	ige		Mor	nthly	,	,	Year to date	
Industry	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Mar Apr.	Feb Mar.	Jan Feb.	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Apr. 2020	2021 ^p	2020	% Change 2021/ 2020
All manufacturing industries	487,805	486,040	475,852	0.4	2.1	-1.8	489,408	518,296	444,179	381,405	1,895,202	1,733,802	9.3
Excluding transportation	414,648	412,617	404,935		1.9	-0.8	418,388	434,959	375,496	344,053	1,605,637	1,477,842	8.6
Excluding defense With unfilled orders	473,647 174,881	472,494 170,761	462,353 166,440		2.2 2.6	-1.8 -1.9	475,858 173,457	503,381 186,725	431,347 156,697	369,092 135,481	1,842,515 668,771	1,683,534 620,790	9.4 7.7
						-3.1							12.1
Durable goods industries	248,952	247,434	240,918				247,564	269,425	226,827	179,935	965,326	861,002	
Wood products Nonmetallic mineral products	11,381 11,462	11,231 11,495	10,705 11,311		4.9 1.6	-0.5 -5.3	12,183 11,782	11,328 11,529	9,669 9,671	8,577 10,522	42,299 43,037	33,379 40,416	26.7 6.5
Primary metals	21,683	21,103	20,142		4.8	-1.1	22,694	23,085	19,814	16,547	85,659	75,254	13.8
Iron and steel mills	10,540	10,329	9,982		3.5	-1.4	11,232	11,504	9,953	8,126	42,857	37,267	15.0
Aluminum and nonferrous metals Ferrous metal foundries	9,902 1,241	9,540 1,234	9,025 1,135		5.7 8.7	-0.1 -5.8	10,156 1,306	10,206 1,375	8,773 1,088	7,294 1,127	37,940 4,862	32,780 5,207	15.7 -6.6
Fabricated metal products	33,324	33,018	31,944		3.4	-0.8	33,947	34,727	30,079	26,609	128,411	116,671	10.1
Machinery Farm machinery	34,564 2,546	34,165 2,620	33,364 2,718		2.4 -3.6	-1.9 -6.1	35,339 3,250	38,073 3,325	31,896 2,974	28,376 2,528	135,219 12,072	122,422 10,186	10.5 18.5
Construction machinery	3,063	3,173	3,118		1.8	1.7	3,226	3,482	3,042	2,302	12,382	10,583	17.0
Mining, oil field, and gas field machinery	1,313	1,295	1,269	1.4	2.0	-0.9	1,229	1,420	1,182	1,281	5,027	5,902	-14.8
Industrial machinery	4,203	3,599	3,207		12.2	-0.9 -7.6	3,948	4,160	2,812	2,682	13,715	11,564	18.6
Photographic equipment	533	520	516	2.5	0.8	-3.6	473	610	460	407	1,986	1,871	6.1
Ventilation, heating, air-conditioning, and refrigeration equipment	4,113	4,027	4,144	2.1	-2.8	-2.4	4,191	4,326	3,387	3,328	15,177	13,342	13.8
Metalworking machinery	2,805	2,791	2,725		2.4	2.7	2,677	3,051	2,498	2,174	10,592	9,584	10.5
Turbines, generators, and other power transmission equipment	3,839	3,870	3,816	-0.8	1.4	-0.1	3,903	4,005	3,870	3,132	15,440	13,952	10.7
Material handling equipment	2,843	2,838	2,635		7.7	-0.1 -2.1	2,865	3,136	2,558	2,492	11,044	10,546	
Computers and electronic products ²	29,111	28,875	28,616	0.8	0.9	-1.0	26,604	31,008	25,522	24,262	108,911	100,631	8.2
Computersdovices	727 715	725 665	748		-3.1	0.9	670	713	566 536	652	2,582 2,615	2,517	2.6 27.0
Computer storage devices Other peripheral equipment	715 604	541	659 570		0.9 -5.1	2.6 -1.0	615 509	899 542	526 453	409 382	2,615 2,017	2,059 1,742	27.0 15.8
Nondefense communications												·	
equipment Defense communications equipment	3,168 215	3,239 225	3,210 228	-2.2 -4.4	0.9 -1.3	-1.4 0.9	2,815 218	3,883 230	2,560 222	2,522 219	11,762 849	10,294 811	14.3 4.7
Audio and video equipment	217	214	218		-1.8	-10.7	179	188	185	184	733	733	0.0
Electronic components	4,577	4,595	4,562	-0.4	0.7	-0.8	4,398	4,918	4,076	4,137	17,521	16,191	8.2
Nondefense search and navigation equipment	1,542	1,481	1,500	4.1	-1.3	-4.3	1,376	1,757	1,420	1,327	5,878	5,840	0.7
Defense search and navigation							-		·		·	·	
equipment Electromedical, measuring,	3,079	3,028	3,021	1.7	0.2	-2.6	2,925	3,277	2,847	2,840	11,616	11,325	2.6
and control instruments	9,676	9,592	9,480	0.9	1.2	-1.0	8,793	10,632	8,509	7,923	36,282	33,182	9.3
Electrical equipment, appliances,	42.246	42.474	44.042	0.6	4.0	0.1	42.266	42.020	40.077	0.000	46.446	42.256	0.0
and components Electric lighting equipment	12,246 1,153	12,174 1,154	11,942 1,150		1.9 0.3	-0.1 1.1	12,266 1,140	12,938 1,209	10,877 1,047	9,898 1,072	46,416 4,398	42,256 4,465	9.8 -1.5
Household appliances	2,575	2,659	2,594	-3.2	2.5	-1.0	2,645	2,819	2,275	1,687	9,884	7,380	33.9
Electrical equipment Batteries	3,316 882	3,240 875	3,216 861		0.7 1.6	1.4 -9.7	3,190 868	3,615 892	2,976 740	3,087 645	12,469 3,260	13,652 2,767	-8.7 17.8
Transportation equipment	73,157	73,423	70,917		3.5	-7.3	71,020	83,337	68,683	37,352	289,565	255,960	
Automobiles	5,243	5,900	5,811		1.5	-6.7	5,189	6,516	5,730	474	23,061	23,437	-1.6
Light trucks and utility vehicles Heavy duty trucks	16,530 2,620	18,576 2,687	17,330 2,634		7.2 2.0	-13.5 -4.9	15,431 2,682	21,424 3,147	17,024 2,412	1,869 1,409	70,781 10,741	44,325 8,544	59.7 25.7
Motor vehicle bodies, parts,							-					·	
and trailers Nondefense aircraft and parts	25,261 9,530	25,864 6,951	25,202 6,573		2.6 5.8	-5.1 -11.8	26,297 7,700	28,714 8,627	25,423 5,313	17,259 4,327	105,017 27,271	94,311 34,850	11.4 -21.7
Defense aircraft and parts	4,563	4,543	4,602		-1.3	-4.6	4,221	5,081	4,081	4,196	17,223	17,809	-3.3
Ships and boats Furniture and related products	3,168	2,881	2,821 5,993		2.1 -0.5	-2.7 2.6	3,291 5,884	3,136	2,874	2,439	11,666	11,033	5.7 -1.4
Miscellaneous durable goods	5,950 16,074	5,965 15,985	15,984		0.0	-1.5	15,845	6,030 17,370	5,760 14,856	5,320 12,472	23,117 62,692	23,449 50,564	24.0
Nondurable goods industries	238,853	238,606	234,934		1.6	-0.5	241,844	248,871	217,352	201,470	929,876	872,800	6.5
Food products	69,237	68,844	68,281		0.8	0.2	68,220	70,575	65,231	64,416	269,171	262,966	2.4
Grain and oilseed milling	7,650	7,536	7,488		0.8	0.2	7,460	70,575 7,892	7,251	6,800	269,171	262,966 27,227	2.4 9.4
Dairy products	10,814	10,787	10,756		0.3	0.8	10,716	10,975	9,916	10,000	41,937	40,540	3.4
Meat, poultry, and seafood products Beverage and tobacco products	19,090 13,099	19,090 13,327	18,924 12,792		0.9 4.2	1.7 -0.5	19,382 13,392	19,444 13,379	18,039 11,623	18,225 11,690	74,291 50,009	75,331 47,990	-1.4 4.2
Beverages	9,478	9,370	9,241	1.2	1.4	-2.3	9,771	9,422	8,072	8,567	35,479	34,049	4.2
Tobacco Textile mills	3,621 2,230	3,957 2,275	3,551 2,197		11.4 3.6	4.4 -3.7	3,621 2,311	3,957 2,383	3,551 2,129	3,123 1,832	14,530 8,902	13,941 8,316	4.2 7.0
Textile products	1,862	1,875	1,823		2.9	-0.8	1,913	1,934	1,767	1,621	7,302	6,903	5.8
Apparel	859 441	861	852 401		1.1	-0.1	751	814	789	666	3,142	3,025	3.9
Leather and allied products Paper products	441 17,172	412 17,006	401 16,914		2.7 0.5	1.0 0.6	456 16,857	427 17,608	404 15,770	273 15,478	1,659 66,508	1,310 62,784	26.6 5.9
Pulp, paper, and paperboard mills	6,540	6,462	6,407	1.2	0.9	0.1	6,387	6,639	5,927	6,197	25,251	25,021	0.9
Paperboard containers Printing	5,884 6,653	5,929 6,670	5,880 6,586		0.8 1.3	-0.3 0.3	5,870 6,801	6,155 6,928	5,419 5,908	5,351 6,029	23,138 25,758	21,742 25,774	6.4 -0.1
Petroleum and coal products	43,678	44,188	42,716		3.4	0.5	45,532	44,684	36,607	22,729	166,438	139,442	-0.1 19.4
Petroleum refineries	39,610	40,101	38,678		3.7	1.9	41,473	40,730	33,330	19,521	151,626	125,392	20.9
Chemical products Pesticides, fertilizers, and other	63,041	62,490	61,989	0.9	0.8	-1.6	64,300	68,158	58,213	57,807	249,567	235,301	6.1
agricultural chemicals	2,723	2,744	2,743		0.0	-2.8	3,483	3,602	2,820	3,209	12,376	11,266	9.9
Pharmaceuticals and medicines Paints, coatings, and adhesives	20,210 3,821	20,228 3,865	20,134 3,779		0.5 2.3	0.5 -2.9	19,861 4,253	21,790 4,254	18,262 3,417	18,930 3,514	78,583 15,296	72,690 13,466	
Plastics and rubber products	20,581	20,658	20,383		1.3	-2.9 -1.7	21,311	21,981	18,911	18,929	81,420	78,989	3.1
]												<u> </u>

^p Preliminary

^rRevised 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.

Table 2. Value of Manufacturers' New Orders for Industry Groups¹

LESTIMATES are snown in millions of dollars			Seasonally /							Seasonally A	djusted		
		Monthly	-	Pe	rcent Chang	;e		Mon	thly	-		Year to date	
Industry	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Mar Apr.	Feb Mar.	Jan Feb.	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Apr. 2020	2021 ^p	2020	% Change 2021/ 2020
All manufacturing industries ²	485,156	488,073	481,195	-0.6	1.4	0.4	488,031	528,639	454,328	355,147	1,915,680	1,678,023	14.2
Excluding transportation ²	416,215	414,230	405,012	0.5	2.3	-0.5	421,942	439,249	379,476	339,977	1,620,415	1,470,431	10.2
Excluding defense ²	474,496	474,317	465,386	0.0	1.9	0.4	477,000	508,736	440,606	344,811	1,858,187	1,619,914	14.7
With unfilled orders ²	176,682	177,221	176,058	-0.3	0.7	4.6	176,058	200,889	170,868	112,764	705,750	580,420	21.6
Durable goods industries ²	246,303	249,467	246,261	-1.3	1.3	1.3	246,187	279,768	236,976	153,677	985,804	805,223	22.4
Primary metals	22,631	21,959	20,840	3.1	5.4	-0.1	23,409	24,069	21,151	15,945	89,639	75,308	19.0
Iron and steel mills	11,030	10,745	10,173	2.7		-1.6	,	12,048	10,462	7,682	44,618	37,042	
Aluminum and nonferrous metals	10,226	9,807	9,418	4.3		2.2	10,334	10,599	9,463	7,074	39,550		
Ferrous metal foundries	1,375	1,407	1,249	-2.3		-3.8	,	1,422	1,226	1,189	,	,	
Fabricated metal products	36,441	36,034	33,691	1.1		-0.1		38,545	32,753	25,556	*		
Machinery Construction machinery	36,042 3,519	35,598 3,580	34,488 3,533	1.2 -1.7			37,279 3,617	39,375 3,876	34,223 3,704	28,827 1,861	143,273 14,660	· ·	14.1 43.4
Mining, oil field, and gas field machinery	1,293	1,287	1,395	0.5	-7.7	16.3	1,209	1,412	1,308	1,280	5,044	5,766	-12.5
Industrial machinery	4,290	3,719	3,061	15.4		-7.0	-	4,453	2,571	2,777	14,399		
Photographic equipment	531	547	615	-2.9		18.3	· ·	574	606	438	2,020	1,790	
Ventilation, heating, air-conditioning,												·	
and refrigeration equipment	4,287	4,282	4,344	0.1			,	4,643	3,806	3,432	,		
Metalworking machinery Turbines, generators, and other	2,642	2,820	2,748	-6.3	2.6	3.7	2,546	2,935	2,775	2,474	10,875	10,166	7.0
power transmission equipment Material handling equipment	4,017 2,902	4,131 2,867	3,868 2,676	-2.8 1.2		-1.3 -2.4	4,081 2,805	4,266 3,095	3,922 2,777	3,155 2,551	,	-	
	24,739	24,675	24,536	0.3		-0.7	22,929	28,314	21,908	20,966		·	
Computers and electronic products ² Computers	710	742	750 750	-4.3		2.7	653	730	568	625	2,573	·	
Nondefense communications													
equipment	3,204	3,315	3,208	-3.3		-3.7	3,010	4,035	2,667	2,626	·	10,701	
Defense communications equipment	201	213	220	-5.6				234	208	177	802		11.2
Electronic components Nondefense search and navigation	4,707	4,717	4,564	-0.2		0.8	,	4,907	4,101	4,244	,		
equipment Defense search and navigation	1,638	1,570	1,604	4.3	-2.1	-4.0	1,553	1,873	1,512	1,465	6,431	6,420	0.2
equipmentElectromedical, measuring,	2,918	2,940	3,117	-0.7	-5.7	1.2	2,743	3,828	2,987	2,856	11,910	11,707	1.7
and control instruments	9,684	9,615	9,481	0.7	1.4	-0.8	8,687	10,930	8,565	7,872	36,635	33,794	8.4
Electrical equipment, appliances,													
and components	12,428	12,521	12,534	-0.7		1.6	-	13,320	11,853	10,143	*	,	
Electric lighting equipment	1,148	1,243	1,195	-7.6		4.7	1,127	1,312	1,100	1,056	•		
Household appliances	2,551	2,683	2,741	-4.9		2.3	,	2,862	2,263	1,657	10,028	7,471	34.2
Electrical equipment	3,127	3,197	3,345	-2.2		3.8	,	3,599	3,267	3,134	*		
Transportation equipment Motor vehicle bodies, parts,	68,941	73,843	76,183	-6.6	-3.1	5.6	66,089	89,390	74,852	15,170	295,265	207,592	42.2
and trailers	25,727	26,195	25,604	-1.8	2.3	-5.0	26,288	28,857	26,402	16,453	106,970	94,365	13.4
Nondefense aircraft and parts ³	8,138	6,931	9,070	17.4		742.2	5,039	10,386	9,612	-14,695	*		
Defense aircraft and parts	3,607	3,943	5,388	-8.5		1.7	3,164	5,893	4,059	4,356	18,391	20,017	
Ships and boats	1,382	3,711	3,920	-62.8		-22.9	-	6,065	4,178	1,820	17,598	16,242	8.3
Furniture and related products	6,124	6,117	5,979	0.1	2.3	-0.7	6,329	6,519	6,030	5,541	24,690	24,460	
Nondurable goods industries	238,853	238,606	234,934	0.1	1.6	-0.5	241,844	248,871	217,352	201,470	929,876	872,800	6.5

^p Preliminary

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, April Full Report, June 4, 2021. Information on data sources and methodology can be found on our website at https://www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html.

Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups¹

			Seasonally Ad	ljusted			Not Seasonally Adjusted					
		Monthly		P	ercent Chang	е		Mor	nthly		% Change	
Industry	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Mar Apr.	Feb Mar.	Jan Feb.	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Apr. 2020	April 2021/ 2020	
All manufacturing industries ²	1,196,942	1,195,141	1,188,681	0.2	0.5	0.8	1,211,590	1,208,989	1,194,825	1,242,496	-2.5	
Excluding transportation ²	395,755	389,738	383,698	1.5	1.6	1.1	402,004	394,472	386,361	365,188	10.1	
Excluding defense ²	979,381	974,082	967,832	0.5	0.6	0.8	990,233	985,113	975,937	1,018,149	-2.7	
Durable goods industries ²	1,196,942	1,195,141	1,188,681	0.2	0.5	0.8	1,211,590	1,208,989	1,194,825	1,242,496	-2.5	
Primary metals	37,749	36,801	35 <i>,</i> 945	2.6	2.4	2.0	38,687	37,972	36,988	31,890	21.3	
Iron and steel mills	17,542	17,052	16,636	2.9	2.5	1.2	18,011	17,627	17,083	14,211	26.7	
Aluminum and nonferrous metals	13,732	13,408	13,141	2.4	2.0	3.1	14,142	13,964	13,571	12,131	16.6	
Ferrous metal foundries	6,475	6,341	6,168	2.1	2.8	1.9	6,534	6,381	6,334	5,548	17.8	
Fabricated metal products	95,912	92,795	89,779	3.4	3.4	2.0	97,138	93,499	89,681	81,946	18.5	
Machinery	103,634	102,156	100,723	1.4	1.4	1.1	105,490	103,550	102,248	96,901	8.9	
Construction machinery	9,091	8,635	8,228	5.3	4.9	5.3	9,613	9,222	8,828	6,211	54.8	
gas field machinery	4,233	4,253	4,261	-0.5	-0.2	3.0	4,233	4,253	4,261	4,028	5.1	
Industrial machinery	8,697	8,610	8,490	1.0	1.4	-1.7	9,096	8,802	8 <i>,</i> 509	9,932	-8.4	
Photographic equipment	1,978	1,980	1,953	-0.1	1.4	5.3	1,968	1,989	2,025	2,556	-23.0	
Ventilation, heating, air-conditioning,												
and refrigeration equipment	7,740	7,566	7,311	2.3	3.5	2.8	8,129	7,739	7,422	6,909	17.7	
Metalworking machinery	9,541	9,704	9,675	-1.7	0.3	0.2	9,665	9,796	9,912	8,762	10.3	
Turbines, generators, and other							,					
power transmission equipment	21,755	21,577	21,316	0.8	1.2	0.2	21,755	21,577	21,316	21,718	0.2	
Material handling equipment	12,904	12,845	12,816		0.2	0.3	12,904	12,964		12,561	2.7	
Computers and electronic products ²	118,685	118,607	118,380		0.2	0.2	119,910	119,607	118,480	117,655		
Computers	1,536	1,553	1,536		1.1	0.1	1,536	1,553	1,536	1,531	0.3	
Nondefense communications	1,550	1,333	1,550	1.1	1.1	0.1	1,330	1,555	1,330	1,331	0.3	
equipment	18,269	18,233	18,157	0.2	0.4	0.0	18,536	18,341	18,189	17,651	5.0	
Defense communications equipment	448	462	474	-3.0	-2.5	-1.7	467	496	492	580		
Electronic components	13,303	13,173	13,051	1.0	0.9	0.0	13,569	13,304	13,315	13,307	2.0	
Nondefense search and navigation	13,303	13,173	13,031	1.0	0.5	0.0	13,303	13,304	13,313	13,307	2.0	
equipment	25,383	25,287	25,198	0.4	0.4	0.4	25,413	25,236	25,120	24,195	5.0	
Defense search and navigation	25,505	23,207	23,130	0.4	0.4	0.4	23,413	23,230	23,120	24,133	5.0	
equipment	33,650	33,811	33,899	-0.5	-0.3	0.3	34,069	34,251	33,700	34,365	-0.9	
Electromedical, measuring,	33,030	55,011	33,033	0.5	0.5	0.5	34,003	34,231	33,700	34,303	0.5	
and control instruments	26,096	26,088	26,065	0.0	0.1	0.0	26,320	26,426	26,128	26,026	1.1	
Electrical equipment, appliances,	20,030	20,000	20,003	0.0	0.1	0.0	20,320	20,420	20,120	20,020	1.1	
and components	28,668	28,486	28,139	0.6	1.2	2.1	29,268	28,818	28,436	25,968	12.7	
Electric lighting equipment	1,957	1,962	1,873	-0.3	4.8	2.5	1,954	1,967	1,864	1,799		
Household appliances	2,666	2,690	2,666	-0.9	0.9	5.8	2,641	2,607	2,564	1,575		
Electrical equipment	12,257	12,446	12,489	-1.5	-0.3	1.0	12,444	12,639	12,655	12,486		
Transportation equipment	801,187	805,403	804,983	-1.5 -0.5	-0.3 0.1	0.7	809,586	814,517	808,464	877,308		
Motor vehicle bodies, parts,	301,107	555,405	50 4 ,365	0.5	0.1	0.7	305,580	01 4 ,517	300,404	077,300	-/./	
and trailers	26,225	25,759	25,428	1.8	1.3	1.6	26,800	26,809	26,666	23,602	13.5	
Nondefense aircraft and parts	573,926	575,318	575,338	-0.2	0.0	0.4	578,404	581,065	579,306	645,186		
Defense aircraft and parts	84,145	85,101	85,701	-0.2	-0.7	0.4	85,149	86,206	85,394	90,620		
Ships and boats	50,863	52,649	51,819	-1.1 -3.4	1.6	2.2	53,653	54,081	51,152	49,992	7.3	
Furniture and related products	10,496	10,322	10,170		1.5	-0.1	10,900	10,455	9,966	10,204		
rarriture una relatea products	10,430	10,322	10,170	1.7	1.3	-0.1	10,900	10,433	9,900	10,204	0.8	

^p Preliminary

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, April Full Report, June 4, 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.

^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.

Table 4. Value of Manufacturers' Inventories for Industry Groups¹

		Monthly	Seasonally Ad		ercent Change	ρ			Seasonally Adjus	sted	% Change
Industry		litioniany			ercent enang			10101	-cy		April
	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Mar Apr.	Feb Mar.	Jan Feb.	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Apr. 2020	2021/ 2020
All manufacturing industries	723,582	721,170	715,661	0.3	0.8	0.8	728,534	723,140	720,726	702,519	3.7
Excluding transportation	574,162	572,680	569,473	0.3	0.6	0.8	· '	575,057	573,390	560,015	3.4
Excluding defense With unfilled orders	699,009 356,812	696,739 355,606	691,216 352,294		0.8 0.9	0.8 0.5	· · ·	698,695 355,810		678,429 353,398	3.8 1.7
							,				
Durable goods industries	441,810	439,538	434,958	0.5	1.1	0.7	444,755	440,254	437,994	434,462	2.4
Wood products Nonmetallic mineral products	13,359 14,190	13,192 14,246	13,032 14,200	1.3 -0.4	1.2 0.3	1.6 0.0	13,382 14,513	13,596 14,560	13,569 14,403	12,148 15,248	10.2 -4.8
Primary metals	37,444	36,921	36,272	1.4	1.8	1.5		37,079	· ·	36,503	3.8
Iron and steel mills	20,750	20,430	20,134	1.6	1.5	1.3	20,867	20,460	20,264	20,641	1.1
Aluminum and nonferrous metals Ferrous metal foundries	14,404 2,290	14,188 2,303	13,877 2,261	1.5 -0.6	2.2 1.9	1.7 1.6		14,267 2,352	13,956 2,332	13,448 2,414	9.0 -2.1
Fabricated metal products	55,932	55,269	54,428	1.2	1.5	1.1	56,629	55,573	54,685	55,152	2.7
Machinery	71,016	70,903	70,742	0.2	0.2	0.6	·	71,477	71,116	71,940	-0.4 - 7
Farm machinery Construction machinery	3,938 6,048	3,897 6,018	3,951 5,963	1.1 0.5	-1.4 0.9	2.3 2.7	· .	4,033 6,129	4,234 5,985	3,741 5,911	5.7 4.3
Mining, oil field,											
and gas field machineryIndustrial machinery	5,950 8,906	5,937 8,849	5,991 8,876	0.2 0.6	-0.9 -0.3	0.4 0.6	5,967 8,678	5,886 9,116	6,073 8,832	6,501 8,165	-8.2 6.3
Photographic equipment	1,289	1,286	1,294	0.2	-0.6	0.8		1,240	· ·	1,307	-1.3
Ventilation, heating, air-conditioning,	5 440	F F00	F 40F	1.1	0.4	0.0	F 02.4	F 000	F 660	C 24C	6.6
and refrigeration equipment Metalworking machinery	5,448 5,749	5,508 5,706	5,485 5,650	-1.1 0.8	0.4 1.0	-0.8 -0.3	· ·	5,808 5,658		6,246 5,909	-6.6 -2.4
Turbines, generators, and other											
power transmission equipment	9,163	9,181	9,132	-0.2 0.7	0.5	0.3 0.8		9,153	-	9,570	-2.0 -0.7
Material handling equipment Computers and electronic products ²	5,436 46,428	5,399 46,551	5,331 46,506		1.3 0.1	-0.1	· '	5,369 46,083		5,523 47,711	-0.7 -1.9
Computers	2,010	1,975	1,906	1.8	3.6	1.2	í í	1,894	1,863	1,741	11.8
Computer storage devices	866	845	828 830	2.5	2.1	2.0 -1.7		743	854 854	651	21.2 -1.0
Other peripheral equipment Nondefense communications	860	868	830	-0.9	4.6	-1./	876	854	851	885	-1.0
equipment	4,390	4,391	4,414		-0.5	-0.4		4,314	4,454	4,461	-1.2
Defense communications equipment Audio and video equipment	662 695	656 697	656 696	0.9 -0.3	0.0 0.1	-0.3 1.9		656 699	656 682	649 930	2.0 -23.3
Electronic components	8,195	8,260	8,307	-0.3	-0.6	-0.6		8,391	8,398	9,535	-9.8
Nondefense search and navigation	2 220	2 252	2 222	0.4	0.6	0.4	2 242	2 207	2 224	2 252	0.0
equipment Defense search and navigation	3,238	3,252	3,232	-0.4	0.6	0.1	3,242	3,207	3,224	3,253	-0.3
equipment	3,021	3,024	3,015	-0.1	0.3	0.7	3,064	3,031	3,054	3,001	2.1
Electromedical, measuring and control instruments	16,291	16,286	16,243	0.0	0.3	-0.1	16,365	16,133	16,086	16,071	1.8
Electrical equipment, appliances,	10,291	10,280	10,243	0.0	0.3	-0.1	10,303	10,133	10,080	10,071	1.0
and components	20,153	20,205	20,038	-0.3	0.8	0.1	20,525	20,398	· ·	20,227	1.5
Electric lighting equipment Household appliances	2,329 2,836	2,343 2,853	2,332 2,743	-0.6 -0.6	0.5 4.0	0.6 -1.3	·	2,335 2,924	2,340 2,829	2,389 2,774	-1.9 4.6
Electrical equipment	6,182	6,278	6,212	-1.5	1.1	0.6	•	6,297	6,293	6,474	-1.7
Batteries	1,738	1,779	1,773	-2.3 0.6	0.3	1.2		1,843	-	1,795	-0.3
Transportation equipment Automobiles	149,420 6,113	148,490 6,018	146,188 5,767	1.6	1.6 4.4	0.8 5.8	·	148,083 6,010	147,336 5,889	142,504 5,340	4.9 14.8
Light trucks and utility vehicles	7,590	6,707	5,902	13.2	13.6	3.7		6,677		4,990	50.1
Heavy duty trucks Motor vehicle bodies, parts,	2,392	2,346	2,292	2.0	2.4	4.9	2,452	2,370	2,393	2,047	19.8
and trailers	29,540	29,024	28,550	1.8	1.7	1.4	29,764	29,274	28,843	28,486	4.5
Nondefense aircraft and parts	76,304	77,095	76,453		0.8	-0.2	, 0,132	76,511	76,658	75,385	1.0 1.8
Defense aircraft and parts Ships and boats	12,327 3,756	12,278 3,453	12,407 3,327	0.4 8.8	-1.0 3.8	0.1 2.0	12,372 3,707	12,202 3,535	12,409 3,326	12,158 3,204	1.6 15.7
Furniture and related products	7,563	7,517	7,465	0.6	0.7	0.4		7,407	7,456	7,478	0.8
Miscellaneous durable goods	26,305	26,244	26,087	0.2	0.6	0.6	26,442	25,998	26,095	25,551	3.5
Nondurable goods industries	281,772	281,632	280,703	0.0	0.3	0.9	283,779	282,886	282,732	268,057	5.9
Food products	61,889	61,909	61,928	0.0	0.0	0.1	· .	60,984	61,934	59,748	1.4
Grain and oilseed milling Dairy products	6,237 9,078	6,301 8,944	6,266 8,953	-1.0 1.5	0.6 -0.1	2.8 0.0	6,114 9,252	6,441 9,014	6,558 8,931	5,341 8,788	14.5 5.3
Meat, poultry, and seafood products	9,736	9,753	9,746	-0.2	0.1	-0.2		9,796	-	9,961	-3.6
Beverage and tobacco products	26,186	26,004	25,919	0.7	0.3	0.1	26,470	26,182	26,291	27,166	-2.6
Beverages Tobacco	22,560 3,626	22,357 3,647	22,247 3,672	0.9 -0.6	0.5 -0.7	0.2 -0.6	22,844 3,626	22,439 3,743	-	23,242 3,924	-1.7 -7.6
Textile mills	3,067	3,035	3,010	1.1	0.8	-0.2	· .	3,027	3,015	3,126	-1.3
Textile products	3,863	3,857	3,819	0.2	1.0	-3.0	·	3,869	· ·	4,077	-5.5 2.5
Apparel Leather and allied products	1,783 897	1,784 897	1,781 898	-0.1 0.0	0.2 -0.1	-0.3 0.2	·	1,735 880	1,744 884	1,824 948	-3.5 -5.5
Paper products	15,484	15,359	15,269	0.8	0.6	0.1	15,494	15,339	15,323	15,178	2.1
Pulp, paper, and paperboard mills Paperboard containers	4,855 5,417	4,839 5,437	4,861 5,449	0.3 -0.4	-0.5 -0.2	0.1 -0.1	4,893 5,395	4,885 5,442	4,917 5,450	5,116 5,298	-4.4 1.8
Printing	5,417 5,760	5,437 5,727	5,449 5,799	-0.4 0.6	-0.2 -1.2	-0.1 -0.6		5,442 5,697	5,450 5,804	5,298 6,101	1.8 -4.1
Petroleum and coal products	37,345	37,834	37,058	-1.3	2.1	5.4	39,087	38,842	37,070	28,037	39.4
Petroleum refineries Chemical products	32,322 98,292	32,788 98,134	32,007 98,183	-1.4 0.2	2.4 0.0	6.4 0.7		33,756 98,813	31,981 99,162	22,401 94,624	51.6 4.7
Pesticides, fertilizers, and other	30,232		20,103	0.2	0.0	0.7	33,000	20,013	33,102	J 4 ,024	4.7
agricultural chemicals	5,013	4,972	4,993		-0.4	-1.0	· .	5,336	-	5,228	-1.5
Pharmaceuticals and medicines Paints, coatings, and adhesives	45,429 3,969	45,478 4,006	45,878 4,022	-0.1 -0.9	-0.9 -0.4	0.7 2.4	45,439 4,146	45,366 4,174	45,774 4,164	42,906 4,191	5.9 -1.1
Plastics and rubber products	27,206	27,092	27,039		0.2	-0.1		27,518	,	27,228	1.5

^p Preliminary

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

¹Estimates 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 noncalendar 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.

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

LESTIMATES are snown in millions of dollar			asonally Adju			•	•	•	<i></i>	Seasonally A	Adjusted		
		Monthly		Pei	rcent Chai	nge		Mon	thly		Year t	o date	
Industry	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Mar Apr.	Feb Mar.	Jan Feb.	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Apr. 2020	2021 ^p	2020	% Change ⁶ 2021/ 2020
<u>SHIPMENTS</u>													
All manufacturing industries	487,805	486,040	475,852	0.4	2.1	-1.8	489,408	518,296	444,179	381,405	1,895,202	1,733,802	9.3
Construction materials and supplies Information technology Computers and related products Motor vehicle and parts	55,477 24,937 2,046 49,654	55,140 24,619 1,931 53,027	53,433 24,416 1,977 50,977		0.8 -2.3	-3.1 -1.1 0.9 -8.3	57,539 23,124 1,794 49,599	56,444 27,282 2,154 59,801	47,561 21,723 1,545 50,589	45,374 20,398 1,443 21,011	93,280 7,214	185,371 84,894 6,318 170,617	9.9 14.2
Capital goods Nondefense capital goods ³ Excluding aircraft Defense capital goods ⁴	91,127 78,911 72,495 12,216	87,460 75,807 71,883 11,653	86,105 74,499 70,785 11,606	4.1 0.9	1.8 1.6	-2.3	87,611 75,843 71,092 11,768	97,718 85,007 79,756 12,711	79,641 68,515 65,860 11,126	69,799 59,318 57,572 10,481	295,718 279,990	311,090 268,649 248,363 42,441	10.1 12.7
Consumer goods Consumer durable goods Consumer nondurable goods	194,256 35,645 158,611	197,112 38,377 158,735	192,786 36,849 155,937	-7.1	4.1	-1.2 -8.5 0.7	193,993 34,780 159,213	206,109 42,800 163,309	179,575 35,970 143,605	142,819 14,093 128,726	148,497	686,932 118,182 568,750	25.7
NEW ORDERS													
All manufacturing industries ⁵ Construction materials and supplies Information technology Computers and related products Motor vehicle and parts	485,156 58,030 25,283 2,029 50,120	488,073 58,114 25,028 1,948 53,358	481,195 55,385 24,979 1,979 51,379	-0.1 1.0 4.2	4.9 0.2 -1.6		488,031 60,811 23,765 1,777 49,590	528,639 60,189 28,636 2,171 59,944	454,328 50,137 22,896 1,547 51,568	355,147 44,531 20,811 1,416 20,205	220,511 97,015 7,205	-	19.1 11.0 15.1
Capital goods Nondefense capital goods ³ Excluding aircraft Defense capital goods ⁴	89,154 80,044 74,938 9,110	89,710 77,437 73,318 12,273	92,213 78,315 72,150 13,898	3.4 2.2	-1.1 1.6	8.8 10.7 -0.3 -1.0	86,883 77,156 74,454 9,727	106,669 88,830 81,723 17,839	88,194 76,208 69,288 11,986	50,267 41,320 58,627 8,947	308,155 292,489	•	41.8 14.6
Consumer goods Consumer durable goods Consumer nondurable goods	194,389 35,778 158,611	197,361 38,626 158,735	192,976 37,039 155,937	-7.4	4.3	-1.2 -8.5 0.7	194,111 34,898 159,213	206,482 43,173 163,309	179,778 36,173 143,605	142,673 13,947 128,726	149,540	687,159 118,409 568,750	26.3
UNFILLED ORDERS													
All manufacturing industries ⁵	1,196,942	1,195,141	1,188,681	0.2	0.5	0.8	1,211,590	1,208,989	1,194,825	1,242,496	(X)	(X)	-2.5
Construction materials and supplies Information technology Computers and related products Motor vehicle and parts	68,241 119,148 1,536 26,225	65,688 118,802 1,553 25,759	62,714 118,393 1,536 25,428	0.3 -1.1	0.3 1.1	3.2 0.5 0.1 1.6	69,440 120,538 1,536 26,800	66,168 119,897 1,553 26,809	62,423 118,543 1,536 26,666	57,152 117,012 1,531 23,602	(X) (X)	(X) (X) (X) (X)	3.0 0.3
Capital goods Nondefense capital goods ³ Excluding aircraft Defense capital goods ⁴	913,741 721,870 223,289 191,871	915,714 720,737 220,846 194,977	913,464 719,107 219,411 194,357	0.2 1.1	0.2 0.7	0.7 0.5 0.6 1.2	924,771 729,162 226,409 195,609	925,499 727,849 223,047 197,650	916,548 724,026 221,080 192,522	974,678 780,070 212,872 194,608	(X)	(X) (X) (X) (X)	-6.5 6.4
Consumer goods Consumer durable goods	7,158 7,158	7,025 7,025	6,776 6,776			2.9 2.9	7,256 7,256	7,138 7,138	6,765 6,765	5,405 5,405	, ,	(X) (X)	
TOTAL INVENTORIES													
All manufacturing industries	723,582	721,170	715,661	0.3	0.8	0.8	728,534	723,140	720,726	702,519	(X)	(X)	3.7
Construction materials and supplies Information technology Computers and related products Motor vehicle and parts	76,356 40,534 3,736 45,635	75,682 40,376 3,688 44,095	74,739 40,247 3,564 42,511	0.4 1.3	0.3 3.5	1.0 0.1 0.7 2.4	77,800 40,625 3,611 45,833	76,997 39,909 3,491 44,331	75,962 40,238 3,568 43,436	76,221 39,894 3,277 40,863	(X) (X)		1.8 10.2
Capital goods Nondefense capital goods ³ Excluding aircraft Defense capital goods ⁴	217,245 196,367 130,949 20,878	217,433 196,699 130,658 20,734	216,737 196,013 130,323 20,724	-0.2 0.2	0.3 0.3	0.3 0.3 0.4 1.0	217,777 196,903 131,647 20,874	216,639 195,815 130,373 20,824	216,927 196,188 130,498 20,739	214,853 194,490 130,053 20,363	(X) (X)	(X) (X) (X) (X)	1.2 1.2
Consumer goods Consumer durable goods Consumer nondurable goods	220,952 36,117 184,835	220,088 35,041 185,047	217,995 33,549 184,446	3.1	4.4	1.4 2.3 1.2	221,514 36,104 185,410	219,916 34,904 185,012	219,030 34,321 184,709	203,566 32,022 171,544	(X)	(X) (X) (X)	12.7

X Not Applicable

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, April Full Report, June 4, 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>.

^p Preliminary

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, 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.

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

LESTIMATES are snown in millions of dollars		Monthly	Seasonally Ad	justed	ercent Chang	•		Not	Seasonally Adjus	sted	% Change
Industry	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Mar Apr.	Feb Mar.	Jan Feb.	Apr. 2021 ^p	Mar. 2021 ^r	Feb. 2021	Apr. 2020	April 2021/ 2020
MATERIALS AND SUPPLIES											
All manufacturing industries	252,074	250,369	247,962	0.7	1.0	1.4	253,483	251,028	248,833	242,715	4.4
Durable goods industries	155,347	153,926	152,368	0.9	1.0	1.4	155,820	153,723	152,242	151,929	2.6
Wood products Nonmetallic mineral products	5,975 5,974	5,878 5,963	5,773 5,875	1.7 0.2	1.8 1.5	2.7 0.9	· · · · · · · · · · · · · · · · · · ·	5,831 6,001	5,901 5,880	5,122 6,060	11.5 -0.6
Primary metals	13,851	13,644	13,328		2.4	1.2	13,722	13,434	•	13,717	0.0
Fabricated metal products Machinery	21,954 28,500	21,695 28,287	21,169 28,059	1.2 0.8	2.5 0.8	1.5 1.1	21,957 28,670	21,599 28,401	21,024 27,854	20,265 28,850	8.3 -0.6
Computers and electronic products	21,164	21,326	28,039	-0.8	-0.1	0.5	21,294	21,088		21,337	-0.0 -0.2
Electrical equipment, appliances,	9,018	9,002	8,996	0.2	0.1	0.9	9,150	9,055	8,995	8,979	1.9
and components Transportation equipment	36,645	35,946	35,756		0.1 0.5	2.4	37,049	36,303	•	35,563	4.2
Furniture and related products Miscellaneous products	3,773 8,493	3,742 8,443	3,704 8,361	0.8 0.6	1.0 1.0	0.8 1.7	3,776 8,467	3,709 8,302	-	3,619 8,417	4.3 0.6
Nondurable goods industries	96,727	96,443	95,594		0.9	1.2	,	97,305		90,786	7.6
Food products	22,371	22,366	22,350	0.0	0.1	0.5	22,071	22,414	*	21,286	3.7
Beverage and tobacco products Textiles	5,356 1,213	5,294 1,193	5,270 1,175	1.2 1.7	0.5 1.5	-0.4 0.5	5,422 1,230	5,388 1,192	*	5,791 1,204	-6.4 2.2
Textile products	1,372	1,372	1,373	0.0	-0.1	-2.0	1,366	1,375	1,375	1,433	-4.7
Apparel Leather and allied products	592 286	603 293	580 298	-1.8 -2.4	4.0 -1.7	-0.3 4.9	591 283	592 285	574 291	590 300	0.2 -5.7
Paper products	7,771	7,718	7,693		0.3	-0.4		7,732		7,577	2.4
Printing Petroleum and coal products	2,841 12,300	2,805 12,481	2,813 12,133	1.3 -1.5	-0.3 2.9	-0.6 7.6		2,796 13,004	•	2,918 8,892	-1.5 46.9
Chemical products	30,956	30,744	30,549		0.6	0.7	,	30,962	30,926	29,302	6.4
Plastics and rubber products	11,669	11,574	11,360	0.8	1.9	0.7	11,815	11,565	11,487	11,493	2.8
WORK IN PROCESS											
All manufacturing industries	214,620	214,156	212,503	0.2	0.8	0.4	215,437	214,064	213,923	208,955	3.1
Durable goods industries	164,111	164,064	162,204		1.1	0.1	164,573	163,882	163,138	161,226	2.1
Wood products Nonmetallic mineral products	2,200 1,480	2,211 1,482	2,219 1,476	-0.5 -0.1	-0.4 0.4	-0.5 -1.1	2,202 1,544	2,281 1,539	2,281 1,516	1,774 1,597	24.1 -3.3
Primary metals	10,961	10,798	10,393	1.5	3.9	1.5	11,105	10,764	•	10,549	5.3 -1.7
Fabricated metal products Machinery	13,875 20,119	13,659 20,208	13,535 19,955	1.6 -0.4	0.9 1.3	0.7 0.6	14,016 20,210	13,753 20,226	•	14,265 18,976	-1. <i>7</i> 6.5
Computers and electronic products	13,325	13,249	13,263	0.6	-0.1	-0.6	13,719	13,400	13,479	14,172	-3.2
Electrical equipment, appliances, and components	3,893	3,911	3,921	-0.5	-0.3	-2.5	3,973	3,930	3,941	4,019	-1.1
Transportation equipment	93,017	93,355	92,265	-0.4 1.7	1.2	0.0	92,536	92,840	-	90,781	1.9 0.3
Furniture and related products Miscellaneous products	1,186 4,055	1,166 4,025	1,171 4,006	1.7 0.7	-0.4 0.5	-0.3 0.4	1,177 4,091	1,159 3,990	-	1,174 3,919	4.4
Nondurable goods industries	50,509	50,092	50,299	0.8	-0.4	1.4	50,864	50,182	50,785	47,729	6.6
Food products Beverage and tobacco products	7,341 9,184	7,367 9,070	7,594 9,006	-0.4 1.3	-3.0 0.7	-0.3 0.3	6,976 9,202	7,143 9,139	*	7,523 9,827	-7.3 -6.4
Textiles	560	555	558	0.9	-0.5	-0.9		554		576	-1.6
Textile products Apparel	391 249	394 242	392 241	-0.8 2.9	0.5 0.4	-2.7 1.3	392 247	400 238	400 239	409 252	-4.2 -2.0
Leather and allied products	96	90	89	6.7	1.1	-18.3	96	90	88	85	12.9
Paper products Printing	1,473 1,089	1,450 1,086	1,423 1,127	1.6 0.3	1.9 -3.6	1.4 -0.7	1,469 1,117	1,438 1,093		1,361 1,224	7.9 -8.7
Petroleum and coal products	10,387	10,194	10,020	1.9	1.7	7.4	10,966	10,565	10,227	6,540	67.7
Chemical products Plastics and rubber products	16,209 3,530	16,091 3,553	16,328 3,521	0.7 -0.6	-1.5 0.9	0.1 0.2	16,262 3,570	15,922 3,600	16,208 3,571	16,767 3,165	-3.0 12.8
FINISHED GOODS		,	,					,	ŕ	,	
All manufacturing industries	256,888	256,645	255,196	0.1	0.6	0.5	259,614	258,048	257,970	250,849	3.5
Durable goods industries	122,352	121,548	120,386	0.7	1.0	0.6	124,362	122,649	122,614	121,307	2.5
Wood products	5,184	5,103	5,040	1.6	1.3	1.2	5,471	5,484	5,387	5,252	4.2
Nonmetallic mineral products Primary metals	6,736 12,632	6,801 12,479	6,849 12,551	-1.0 1.2	-0.7 -0.6	-0.6 1.8	*	7,020 12,881	7,007 12,884	7,591 12,237	-8.5 6.7
Fabricated metal products	20,103	19,915	19,724	0.9	1.0	1.0	20,656	20,221	20,030	20,622	0.2
Machinery Computers and electronic products	22,397 11,939	22,408 11,976	22,728 11,896	0.0 -0.3	-1.4 0.7	0.0 -0.7	· ·	22,850 11,595	*	24,114 12,202	-5.6 -3.5
Electrical equipment, appliances,					0.7	0.7					
and components Transportation equipment	7,242 19,758	7,292 19,189	7,121 18,167	-0.7 3.0	2.4 5.6	0.5 1.8	7,402 19,837	7,413 18,940	•	7,229 16,160	2.4 22.8
Furniture and related products	2,604	2,609	2,590	-0.2	0.7	0.2	2,584	2,539	2,570	2,685	-3.8
Miscellaneous products	13,757	13,776	13,720	-0.1	0.4	0.0	13,884	13,706		13,215	5.1
Nondurable goods industries Food products	134,536 32,177	135,097 32,176	134,810 31,984	-0.4 0.0	0.2 0.6	0.5 0.0	135,252 31,551	135,399 31,427	135,356 31,689	129,542 30,939	4.4 2.0
Beverage and tobacco products	11,646	11,640	11,643	0.1	0.0	0.2	11,846	11,655	11,625	11,548	2.6
Textiles Textile products	1,294 2,100	1,287 2,091	1,277 2,054	0.5 0.4	0.8 1.8	-0.5 -3.7	1,288 2,095	1,281 2,094	1,285 2,080	1,346 2,235	-4.3 -6.3
Apparel	942	939	960	0.3	-2.2	-0.6	922	905	931	982	-6.1
Leather and allied products Paper products	515 6,240	514 6,191	511 6,153	0.2 0.8	0.6 0.6	1.6 0.4		505 6,169	505 6,177	563 6,240	-8.2 0.5
Printing	1,830	1,836	1,859	-0.3	-1.2	-0.6	1,858	1,808	1,866	1,959	-5.2
Petroleum and coal products Chemical products	14,658 51,127	15,159 51,299	14,905 51,306		1.7 0.0	2.5 0.9	,	15,273 51,929		12,605 48,555	19.4 6.3
Plastics and rubber products	12,007	11,965	12,158		-1.6			12,353	· ·	12,570	
							<u> </u>				

^p Preliminary

^r Revised data due to late receipts and concurrent seasonal adjustment.

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

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.]

	Inve	entory/Ship	oments rat	Unfilled Orders/Shipments ratio ²					
Industry	Apr 2021 ^p	Mar 2021 ^r	Feb 2021	Jan 2021	Apr 2021 ^p	Mar 2021 ^r	Feb 2021	Jan 2021	
All manufacturing industries ³	1.48	1.48	1.50	1.47	(X)	(X)	(X)	(X)	
Durable goods industries ³	1.77	1.78	1.81	1.74	6.84	7.00	7.14	6.95	
Wood products	1.17	1.17	1.22	1.19	(X)	(X)	(X)	(X)	
Nonmetallic mineral products	1.24	1.24	1.26	1.19	(X)	(X)	(X)	(X)	
Primary metals	1.73	1.75	1.80	1.75	1.74	1.74	1.78	1.73	
Fabricated metal products	1.68	1.67	1.70	1.67	2.96	2.89	2.89	2.81	
Machinery	2.05	2.08	2.12	2.07	3.31	3.32	3.36	3.30	
Computers and electronic products ³	1.59	1.61	1.63	1.61	5.16	5.18	5.20	5.12	
Electrical equipment, appliances,									
and components	1.65	1.66	1.68	1.67	2.52	2.52	2.54	2.50	
Transportation equipment	2.04	2.02	2.06	1.90	16.43	17.41	17.83	16.85	
Furniture and related products	1.27	1.26	1.25	1.27	2.00	1.95	1.93	1.99	
Miscellaneous products	1.64	1.64	1.63	1.60	(X)	(X)	(X)	(X)	
Nondurable goods industries	1.18	1.18	1.19	1.18	(X)	(X)	(X)	(X)	
Food products	0.89	0.90	0.91	0.91	(X)	(X)	(X)	(X)	
Beverage and tobacco products	2.00	1.95	2.03	2.01	(X)	(X)	(X)	(X)	
Textiles	1.38	1.33	1.37	1.32	(X)	(X)	(X)	(X)	
Textile products	2.07	2.06	2.09	2.14	(X)	(X)	(X)	(X)	
Apparel	2.08	2.07	2.09	2.09	(X)	(X)	(X)	(X)	
Leather and allied products	2.03	2.18	2.24	2.26	(X)	(X)	(X)	(X)	
Paper products	0.90	0.90	0.90	0.91	(X)	(X)	(X)	(X)	
Printing	0.87	0.86	0.88	0.89	(X)	(X)	(X)	(X	
Petroleum and coal products	0.86	0.86	0.87	0.83	(X)	(X)	(X)	(X)	
Chemical products	1.56	1.57	1.58	1.55	(X)	(X)	(X)	(X	
Plastics and rubber products	1.32	1.31	1.33	1.31	(X)	(X)	(X)	(X	

^X Not Applicable

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, April Full Report, June 4, 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.]

	Ship	Shipments		Orders	Unfilled	Orders	Inven	tories
Industry	Apr ²	Apr ³ 2020- Mar						
	2021	2021	2021	2021	2021	2021	2021	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	0.0	0.6	0.1	0.8	0.0	0.2	0.0	0.2
Fabricated metal products	0.2	0.5	0.2	1.2	0.0	0.3	0.1	0.2
Machinery	0.0	0.4	-0.2	0.9	-0.1	0.1	0.0	0.1
Computers and electronic products Electrical equipment, appliances,	0.0	0.3	-0.1	0.2	0.0	0.1	0.0	0.1
and components	0.2	0.5	0.2	0.9	-0.1	0.3	0.0	0.2
Transportation equipment	0.0	0.5	0.1	1.4	0.0	0.1	0.0	0.1
Furniture and related products	(X)	0.8	(X)	0.8	(X)	0.5	(X)	0.4
Miscellaneous products	(X)	0.4	(X)	0.3	(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)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.1
Textile products	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel	(X)	0.7	(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)	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)	0.5
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.

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, April Full Report, June 4, 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>.

change revisions for the durable goods industries are shown in the advance report for the month.

^p Preliminary

Revised data due to late receipts and concurrent seasonal adjustment.

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