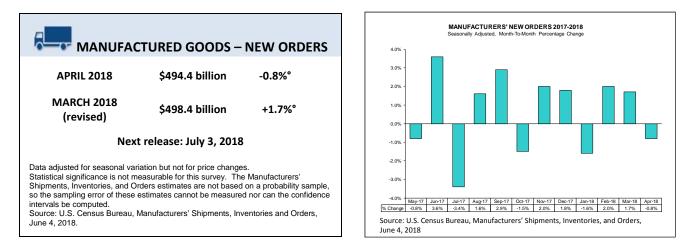
FOR RELEASE AT 10:00 AM EDT, MONDAY, JUNE 4, 2018

MONTHLY FULL REPORT ON MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS APRIL 2018

Release Number: CB 18-86 M3-2 (18)-04

June 4, 2018 — 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 two consecutive monthly increases, decreased \$4.0 billion or 0.8 percent to \$494.4 billion, the U.S. Census Bureau reported today. This followed a 1.7 percent March increase. Shipments, up eleven of the last twelve months, increased \$0.1 billion or virtually unchanged to \$492.8 billion. This followed a 0.7 percent March increase. Unfilled orders, up five of the last six months, increased \$5.4 billion or 0.5 percent to \$1,153.1 billion. This followed a 0.8 percent March increase. The unfilled orders-to-shipments ratio was 6.73, up from 6.66 in March. Inventories, up eighteen consecutive months, increased \$2.2 billion or 0.3 percent to \$666.9 billion. This followed a 0.2 percent March increase. The inventories-to-shipments ratio was 1.35, unchanged from March.

New Orders

New orders for manufactured durable goods in April, down following two consecutive monthly increases, decreased \$4.1 billion or 1.6 percent to \$248.6 billion, up from the previously published 1.7 percent decrease. This followed a 2.7 percent March increase. Transportation equipment, also down following two consecutive monthly increases, drove the decrease, \$5.5 billion or 6.0 percent to \$87.2 billion. New orders for manufactured nondurable goods increased \$0.1 billion or 0.1 percent to \$245.8 billion.

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



U.S. Department of Commerce Economics and Statistics Administration U.S. CENSUS BUREAU **CENSUS BUREAU**

Shipments

Shipments of manufactured durable goods in April, down following eight consecutive monthly increases, decreased less than \$0.1 billion or virtually unchanged to \$247.0 billion, up from the previously published 0.1 percent decrease. This followed a 0.8 percent March increase. Transportation equipment, down following three consecutive monthly increases, drove the decrease, \$1.7 billion or 2.0 percent to \$83.0 billion. Shipments of manufactured nondurable goods, up ten of the last eleven months, increased \$0.1 billion or 0.1 percent to \$245.8 billion. This followed a 0.6 percent March increase. Food products, up five of the last six months, drove the increase, \$0.3 billion or 0.5 percent to \$68.1 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in April, up five of the last six months, increased \$5.4 billion or 0.5 percent to \$1,153.1 billion, unchanged from the previously published increase. This followed a 0.8 percent March increase. Transportation equipment, also up five of the last six months, led the increase, \$4.2 billion or 0.5 percent to \$796.1 billion.

Inventories

Inventories of manufactured durable goods in April, up seventeen of the last eighteen months, increased \$1.3 billion or 0.3 percent to \$401.9 billion, unchanged from the previously published increase. This followed a 0.2 percent March increase. Fabricated metal products, up fifteen of the last sixteen months, led the increase, \$0.4 billion or 0.8 percent to \$52.0 billion. Inventories of manufactured nondurable goods, up ten consecutive months, increased \$0.8 billion or 0.3 percent to \$265.0 billion. This followed a 0.1 percent March increase. Chemical products, up six of the last seven months, led the increase, \$0.4 billion or 0.5 percent to \$87.8 billion. By stage of fabrication, April materials and supplies increased 0.5 percent in durable goods and increased 0.3 percent nondurable goods. Work in process increased 0.5 percent in both durable goods and nondurable goods. Finished goods decreased 0.1 percent in durable goods and increased 0.2 percent in nondurable goods.

The Advance Report on durable goods for May is scheduled for release on June 27, 2018 at 8:30 a.m. EDT and the Full Report on July 3, 2018 at 10:00 a.m. EDT. View the full schedule in the Economic Briefing Room: <<u>www.census.gov/economic-indicators/</u>>. The full text and tables of this release can be found at <<u>www.census.gov/m3</u>>.

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.

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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-tomonth changes of the total operations of the reporting units in the M3 panel effectively represent the monthto-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 64 percent of the total value of shipments for manufacturing establishments in the 2012 Economic Census, and these companies include almost two-thirds of the manufacturing companies with \$500 million or more in shipments in the 2012 Economic Census. The companies for which shipments data are currently reported in the M3 survey represent approximately 57 percent of the total value of shipments for manufacturing establishments in the 2012 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 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>.

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.

<<u>www.census.gov/developers/</u>>.

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NEW TIME SERIES

Beginning with the release of June 2018 data on July 26, 2018, historical estimates of the Monthly Advance Report on Manufacturers' Shipments, Inventories and Orders will be available on a seasonally adjusted basis as well as a not seasonally adjusted basis at: <<u>https://www.census.gov/econ/currentdata/</u>>. Also, monthly data for the Advance report will be available in the Census Application Programming Interface (API).

FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App <<u>https://fred.stlouisfed.org/fred-mobile/</u>> 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.

Benchmark notice

Revised historical data from the Manufacturers' Shipments, Inventories, and Orders (M3) Survey were issued on May 17, 2018. These revisions result from:

- benchmarking the M3 shipments and inventories data to the 2016 Annual Survey of Manufactures (ASM) and revised 2015 ASM data on a 2012 NAICS basis;
- incorporating the unfilled orders to shipments ratios obtained from the 2016/2015 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 by applying them to the respective ASM shipments data;
- 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 2002 through March 2018 and the data not seasonally adjusted for January 2007 through March 2018. An updated Press Release contains revised monthly tables for January 2018 through March 2018. Please call M3 staff on (301) 763-4832 with any questions.

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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.]

Apr. Mar. Feb. Mar. Feb Jan Apr. Mar. Feb. Apr. 20		L	Sea	asonally Ac	ljusted	Adjusted								
Apr. Mar. Feb. Mar. Mar. <th< th=""><th></th><th colspan="7">Monthly Percent Change</th><th>Mor</th><th>nthly</th><th></th><th></th><th>Year to date</th><th></th></th<>		Monthly Percent Change							Mor	nthly			Year to date	
Exclusing defaution 402,488 402,474 0.0 0.2 0.00 0.2 0.2 0.2 0.00<	Industry											2018 ^p	2017	% Cha 2018 2017
Exclusing defaution 402,488 402,474 0.0 0.2 0.00 0.2 0.2 0.2 0.00<	All manufacturing industries	492 846	492 699	489 307	0.0	0.7	0.2	489 168	518 285	455 059	449 373	1 916 289	1 789 195	
Exclusing element 478.00 481.77 472.87 422.78 442.72 442.75														
With unfield outer. 17.28 <td></td>														
Parche gosto Nuesties														
Vac) products 9 27 9.00 9.00 9.01 9.00 9.02 6.00 9.07 9.00 9.02 9.00 9.02 9.00 9.02 9.00 9.02 9.00 9.02 9.00 9.02														
own-selie numerie products 00.66 10.76 10.77 0.97 10.787 10.872 10.862 2.531 10.04 40.175 88.762 Ammourn of norfroom media 0.228 10.19 80.22 10.19 80.22 10.19 20.228 12.1 10.2 10.40 10.40 10.80 2.10 10.10 2.1 10.10 2.1 10.10 2.1 10.10 10.20 5.740 7.80 5.740 5.750	Ourable goods industries	247,015	247,016	245,051	0.0	0.8	0.7	243,543	266,715	229,193	221,573	959,801	894,344	
own-selie numerie products 00.66 10.76 10.77 0.97 10.787 10.872 10.862 2.531 10.04 40.175 88.762 Ammourn of norfroom media 0.228 10.19 80.22 10.19 80.22 10.19 20.228 12.1 10.2 10.40 10.40 10.80 2.10 10.10 2.1 10.10 2.1 10.10 2.1 10.10 10.20 5.740 7.80 5.740 5.750	Vood products	9.271	9.305	9.354	-0.4	-0.5	-0.1	9.868	9.322	8,459	9.540	35.752	34,703	
$\begin the set of th$														
Lion and set mile 100 and set mile														
Aumierung and endersone metala														
Ferror anal foundies 1,451 1,383 1,779 1.3 0.3 1.2 1,444 1,385 1,779 1.3 0.3 1.2 1,444 1,385 1,275 2,248 2,278 2,275 1,275 2,275 1,275 2,275 2,275 2,275 2,275 2,275 2,275						1.9								
abcade metal podets. 22.48 31.57 31.77 1.72 1.5 -0.1 32.47	Ferrous metal foundries	1,401	1,383	1,379	1.3	0.3	1.2	1,404	1,474	1,308	1,265	5,460	5,175	
Farm mainteny 2,47 2,467 2,484 0.7 0.9 17 1,167 1,162 2,258 1,207 0,248 gas loft macho 2,990 2,464 2,080 2,664 2,269 2,664 1,329 1,560 1,360 5,66 1,390 5,60 1,390 5,60 1,390 4,264 2,268 2,378 3,271 3,521 3,520 1,310 1,320 <	abricated metal products													
Construction machiney 2,449 2,848 3,008 3.3 3.4 6.1 3.000 3.162 2,009 2,646 11,885 10,286 gas find machiney 2,041 0.5 2,04 0.5 2,04 0.5 3.05	lachinery	32,168	32,079	32,518	0.3	-1.4	1.8	32,491	35,617	30,689	29,715	127,337	117,038	
Meing, allot, and partial real-manufactory 1.476 1.476 1.476 1.476 1.462 1.320 <td></td> <td>2,474</td> <td>2,457</td> <td>2,434</td> <td>0.7</td> <td>0.9</td> <td>1.7</td> <td>3,167</td> <td>3,122</td> <td>2,750</td> <td>2,509</td> <td>11,207</td> <td>9,181</td> <td></td>		2,474	2,457	2,434	0.7	0.9	1.7	3,167	3,122	2,750	2,509	11,207	9,181	
gas field machinery 1,77 1,77 1,747 1,747 1,749 1,880 1,280 1,580 1,280 5,206 Pholographic equipment 33 55 550 2,641 2,244 2,247 2,269 2,460 3,030	Construction machinery	2,940	2,845	3,008	3.3	-5.4	6.1	3,090	3,162	2,909	2,646	11,588	10,236	
Industriantimu; 2.63 2.63 2.64 3.7 2.9 2.9 2.48 2.80 2.20 2.40 9.82 9.941 Venilation, barting, air conditioning, structure 3.53 55 540 1.5 2.6 2.7 2.300 1.0200 2.4320 2.047 2.4452 2.047 2.648 2.331 1.0420 0.4620 1.0300 1.0200 1.0200 1.0300 1.0200 1.0300 <td>Mining, oil field, and</td> <td></td>	Mining, oil field, and													
Priotographic equipment	gas field machinery	1,471	1,474	1,480	-0.2	-0.4	-8.0		1,563	1,369	1,268	5,801	5,296	
Ventiliarion, haring, air-confidencing, air-confidencing, air-confidencing, air-confidencing, air-confidencing, air-confidencing, air-confidencing, air-confidencing, air-confidencing, and air-confi	Industrial machinery	2,634	2,539					2,498		2,290	2,469		9,941	
and artigeration equipment	Photographic equipment	533	525	540	1.5	-2.8	4.2	477	629	472	491	2,019	2,037	
Metalworing machinely 2.828 2.789 2.875 1.2 6.1 5.3 2.588 2.689 3.649 2.689 3.649 2.680 3.649 2.680 3.649 2.680 3.649 2.680 3.649 2.680 3.649 2.680 3.649 2.680 3.649 2.680 3.649 2.680 3.649 2.680 3.649 2.680 3.680 2.641 1.631 3.680 2.641 1.631 3.681 2.645 3.682 3.682 3.682 3.682 3.682 3.681 2.645 3.661 2.643 2.666 7.63 2.666 7.633 3.77 1.634 1.632 1.634														
Turbines, ginemators, and ather power transmission equipment. 2,080 4,17 7 6,50 7,7 7,75 7,76 7,76 7,75 7,76 7,76 7,76 7,76 7,76 7,76 7,76 7,76 7,76 7,76 7,76 7,77 7,77 7,77 7,77 7,77 7,77 7,77 7,77 7,77 7,77 7,78 7,74 2,562 2,111 8,78 2,111 8,78 2,111 8,78 2,111 8,78 2,111 8,78 2,111 8,78 2,111 8,78 2,111 8,78 2,111 8,78 2,111 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 <td></td>														
power transmission equipment		2,826	2,793	2,975	1.2	-6.1	5.3	2,598	2,986	2,639	2,340	10,813	9,593	
Méterial marding equipment. 2,660 2,687 0.3 0.1 2,68 2,237 2,748 0,349 2,557 9,044 9,040 9,010 1,011 0,06<														
omputers and electronic products ² 28,398 28,677 13 4 3.3 13 74 78.5 560 807 25,277 99,034 94,032 Computers storage dwices 776 727 252 227 10.3 -12.2 -15.6 195 580 807 474 25.22 21.31 Nondefense communications equipment 205 3,14 3,069 2 1.0 2.2 2.800 3,464 2.265 2,131 Autio and video equipment 225 3,141 3,069 2 1.0 2.2 2.800 3,142 2.282 2.331 1,021 9.43 Autio and video equipment 225 3,357 3,560 2 1.0 3,373 3,622 3,164 1,205 1,474 1,489 1,513 3,2 3,9 2,1 1,382 1,171 1,418 1,426 5,877 5,443 Decircine origing equipment 1,527 2,759 2,733 2,759 2,769 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>														
$ \begin{array}{c} Computer single devices$														
	omputers and electronic products ²	26,396					-0.3							
Other peripheral equipment. 769 643 684 19.6 6.0 9.6 666 739 527 474 2.652 2.138 onderines communications equipment. 227 226 230 0.1 1.00 286 288 286	Computers									560	807			
Nonderense communications 3.05 3.14 3.056 2.9 2.84 3.645 2.443 2.391 1.0.151 Defense communications equipment 2.67 2.66 2.63 0.4 1.1 0.0 2.58 2.66 2.39 1.0.0 943 Audio and vide equipment 2.57 2.66 2.64 3.0 1.7 7.16 7.18 2.01 2.11 7.88 2.01 2.11 7.88 2.01 2.11 7.88 2.01 2.11 7.88 2.01 2.11 7.88 2.65 2.513 1.0.47 1.265 6.43 2.652 2.873 2.656 2.513 1.0.47 9.930 Electronedical, measuring, 0.60 8.778 8.831 0.3 1.7 0.9 8.177 1.0.111 7.739 7.264 30.646 30.040 equipment 1.937 1.937 1.937 1.930 1.937 1.047 1.930 1.932 1.0171 10.188 42.973 40.868 <t< td=""><td>Computer storage devices</td><td></td><td>252</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1,932</td><td>-</td></t<>	Computer storage devices		252										1,932	-
equipment. 3.205 3.14 3.065 2.9 1.9 2.3 2.840 3.645 2.443 2.395 11.418 10.181 Audia and video equipment. 229 226 240 3.0 1.7 1.6 187 218 201 211 758 873 Electronic components. 3.357 3.562 3.443 3.70 3.692 3.148 3.17 1.40 3.357 3.692 3.148 3.17 1.40 3.2587 3.692 3.141 1.418 1.265 5.443 Decupment.	Other peripheral equipment	769	643	684	19.6	-6.0	-9.6	666	739	527	474	2,562	2,138	
Defense communications equipment. 226 226 226 228 228 226 230 1,020 943 Audio and video equipment. 229 236 240 3.0 1.7 11.6 118 177 216 201 211 758 873 Conderises search and navigation 1.547 1.498 1.513 3.2 0.9 -2.1 1.382 1.718 1.418 1.261 5.867 5.443 Defense search and navigation 2.755 2.731 2.755 10 -0.9 -4.3 2.582 2.513 10.437 9.930 and control instruments. 1.034 11.79 1.061 1.071 10.161 4.273 40.660 Electric lighting equipment. 3.044 3.049 3.075 1.5 0.5 1.76 6.421 1.169 1.039 1.039 1.039 1.039 1.039 1.039 1.0464 1.8 1.049 1.139 1.139 1.139 1.139 1.139 1.139	Nondefense communications													
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Electronic components. 3.533 3.527 3.696 0.2 1.8 0.3 3.677 3.682 3.184 3.170 13.444 12.665 Defense search and navigation 1.547 1.499 1.513 3.2 0.9 2.1 1.382 1.718 1.418 1.261 5.667 5.443 Defense search and navigation 2.759 2.731 2.755 1.0 0.9 8.178 0.8 1.70 0.9 8.178 0.8 1.130 1.111 7.936 7.294 33.664 30.040 in components	Defense communications equipment						0.0	258			239			
Nondefense search and navigation 1.547 1.499 1.513 3.2 0.9 2.1 1.382 1.716 1.411 1.261 5.967 5.43 Delense search and navigation 2.759 2.731 2.756 1.0 0.9 4.3 2.582 2.677 2.695 2.613 10.437 9.930 Electromedical measuring. and control instruments. 9.006 8.978 8.831 0.3 1.7 0.9 8.178 10.111 7.336 7.294 33.664 30.040 Enciric instruments. 9.006 8.978 8.831 0.5 1.2 11.139 11.051 1.077 11.64 1.506 1.716 6.427 6.711 Electric inequipment 3.044 3.089 3.075 1.5 0.5 2.288 3.627 7.13 3.757 1.5 0.5 2.918 3.252 2.765 11.332 11.640 Batteries 9.648 9.548 9.565 1.1 1.1 12 9.127 10.23														-
equipment. 1.547 1.499 1.513 3.2 0.9 -2.1 1.382 1.718 1.418 1.261 5.867 5.443 equipment. 2.759 2.731 2.755 1.0 0.9 4.3 2.582 2.679 2.595 2.513 10.437 9.930 edicida equipment. 1.071 1.052 0.0 8.778 10.111 7.396 7.294 33.664 30.040 edicida equipment. 1.071 1.052 1.051 2.0 1.063 1.077 10.662 4.277 40.660 Electric ligning equipment. 1.077 1.052 1.051 2.0 1.008 1.076 6.421 6.711 Electric equipment. 3.64 8.62 2.62 2.0 7.51 1.071 1.048 3.081 apportation equipment. 8.64 8.64 2.662 2.171 1.5 2.608 2.908 7.976 1.833 3.013 apportation equipment. 2.666 2.6171 2.53		3,533	3,527	3,596	0.2	-1.9	-0.3	3,367	3,692	3,184	3,170	13,444	12,605	
Defense sarch and navgation 2,759 2,751 2,755 1.0 -0.9 -4.3 2,879 2,513 10,437 9,930 Electromedical, measuring, and control instruments. 9,006 8,875 8,831 0.3 1.7 0.9 8,178 10,111 7,336 7,224 33,664 30,040 etricid equipment, appliances. 11,73 11,052 1,051 2.0 0.1 -0.2 1,053 1,074 981 1,038 4,075 4,153 Electric lighting equipment. 3,044 3,089 3,075 -1.5 0.5 2.9 2.889 3,522 2,755 1,1332 11,640 Batteries. 962 93 920 2.6 2.0 1.5 0.5 2.9 2.889 3,652 4,533 3,942 Light trucks and utility vehicles. 19,632 18,753 18,091 4.2 3.7 1.5 9,502 2,411 1,13 12,9312 10,346 10,672 10,2472 Norderesaircant and parts. <														
equipment. 2.759 2.731 2.755 1.0 -0.9 -4.3 2.582 2.879 2.595 2.513 10.437 9.930 and control instruments		1,547	1,499	1,513	3.2	-0.9	-2.1	1,382	1,718	1,418	1,261	5,867	5,443	
Electronedical, measuring, and corrol instruments. 9,006 8,87 8,83 0.3 1.7 0.9 8,178 10,111 7,96 7,294 33,664 30,040 elertical equipment. 11,344 11,179 11,052 10,51 2.0 0.1 0.22 11,683 1,074 981 10,384 40,76 4,153 Household appliances. 1,727 16,87 1,704 18.04 1,506 2.9 2.988 3,228 2,873 2,756 11,932 11,640 Batteries 962 93 9202 2.6 2.0 1.59 900 866 766 809 3,453 3,301 arasportation equipment. 82,961 84,642 82,558 2.0 2.5 0.3 81,076 906,228 79,111 74,178 32,743 33,639 9,462 Light trucks and utility vehicle bodies, parts. 10,676 16,632 1,777 1.5 2.5 0.3 81,076 95,028 9,5111 74,178 32,339	-													
and control instruments		2,759	2,731	2,755	1.0	-0.9	-4.3	2,582	2,879	2,595	2,513	10,437	9,930	
leartical quipment. 11.384 11.72 11.82 11.72 11.82 11.72 11.67 11.61 10.73 40.660 Electric lighting equipment. 1.073 1.055 2.0 0.1 -0.2 11.139 11.048 4.076 4.153 Household appliances. 1.074 3.044 3.089 3.075 -1.5 0.05 2.9 2.888 3.528 2.875 2.756 11.932 11.400 Batteries. 962 938 920 2.6 2.0 1.5 900 886 766 80.93 3.301 ansportation equipment. 82.961 84.642 82.558 2.0 1.3 11.1 1.9 9.312 1.348 9.165 3.333 Light trucks and utility whicles. 19.532 18.753 18.004 4.2 3.7 1.9 19.373 12.2348 8.387 Indraw durit works. 2.668 2.649 2.7071 1.5 2.5 1.8 2.068 2.908 2.441 2.18														
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		9,006	8,978	8,831	0.3	1.7	0.9	8,178	10,111	7,936	7,294	33,664	30,040	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		44.004	44.470					44.400	44.040	10.171	40.400	10.070	10.000	
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Grain and oilseed milling. 8.306 8.060 7.911 3.1 1.9 2.9 7.809 8.180 7.663 6.854 31,535 29,070 Dairy products. 9,554 9,732 9,734 -1.8 0.0 5.1 9,213 9,954 8,972 9,411 37,203 37,964 Weat, poultry, and seafood products. 19,374 19,216 2.3 0.8 0.4 19,688 19,535 18,295 18,832 75,547 73,645 werage and tobacco products. 12,116 12,461 12,223 -2.8 1.9 0.6 12,173 12,737 11,395 12,433 47,514 48,571 Beverages. 3,522 3,989 3,698 -11.7 7.9 -3 3,522 3,989 3,686 3,757 14,9561 14,757 wille mills. 2,486 2,452 1.1 0.2 0.4 2,558 2,574 2,395 2,456 9,818 9,609 will eproducts. 431 418 403 3.1 3.7 1.3 446 429 399 421	ondurable goods industries	245,831	245,683	244,256	0.1	0.6	-0.3	245,625	251,570	225,866	227,800	956,488	894,851	
Grain and oilseed milling. 8,306 8,060 7,911 3.1 1.9 2.9 7,809 8,180 7,663 6,854 31,535 29,070 Dairy products. 9,554 9,732 9,734 -1.8 0.0 5.1 9,213 9,954 8,972 9,411 37,203 37,964 werage and tobacco products. 19,822 19,374 19,216 2.3 0.8 0.4 19,688 19,535 18,295 18,825 75,547 73,645 severages. 8,594 8,472 8,525 1.4 -0.6 1.4 8,618 8,769 8,681 32,558 33,814 Tobacco. 3,522 3,989 3,688 -11.7 7.9 -1.3 3,522 3,989 3,686 14,757 extile products. 2,446 2,458 2,452 1.1 0.2 0.4 2,538 2,303 2,152 8,719 8,226 extile products. 2,248 2,208 2,195 1.8 0.6 2.5 2,338 2,303 2,152 8,719 8,226 extile millis		60.400	67 770	67 5 40				60.000	60.440	64.000	64.047	004.005	050.044	
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Petroleum refineries 49,357 49,078 48,310 0.6 1.6 -3.1 50,222 48,030 41,697 39,855 186,636 149,718 hemical products 63,946 64,234 64,168 -0.4 0.1 0.0 65,094 68,477 59,995 61,969 255,247 243,726 Pesticides, fertilizers, and other 2,276 2,2779 2,309 -0.1 -1.3 -3.8 3,113 3,165 2,551 3,101 10,908 11,051 Pharmaceuticals and medicines 20,709 20,703 20,768 0.0 -0.3 -0.2 20,517 21,250 19,086 18,724 81,567 73,912 Paints, coatings, and adhesives 3,804 3,765 3,724 1.0 1.1 -0.4 4,157 4,057 3,366 3,740 14,904 13,660														
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Pesticides, fertilizers, and other agricultural chemicals														
agricultural chemicals		63,946	64,234	04,168	-0.4	0.1	0.0	vo,094	08,477	59,995	61,969	255,247	243,726	
Pharmaceuticals and medicines		0.070	0.070	0.000		4.0		0.440	0.405	0.554	0.404	40.000	44.054	
Paints, coatings, and adhesives														

^p Preliminary

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

¹ 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/s.
 Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, April Full Report, June 4, 2018. Information on data sources and methodology can be found on our website at <

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.]

		5	Seasonally	Adjusted					Not S	easonally A	djusted		
		Monthly		Per	cent Chan	ge		Mon	thly		١	ear to date	
Industry	Apr. 2018 ^p	Mar. 2018 ^r	Feb. 2018	Mar Apr.	Feb Mar.	Jan Feb.	Apr. 2018 ^p	Mar. 2018 ^r	Feb. 2018	Apr. 2017	2018 ^p	2017	% Change 2018/ 2017
All manufacturing industries ²	494,448	498,443	490,295	-0.8	1.7	2.0	489,344	529,870	458,838	447,430	1,925,665	1,778,538	8.3
Excluding transportation ²	407,280	405,746	403,564	0.4	0.5	0.3	407,409	424,101	377,277	374,907	1,590,152	1,481,853	7.3
Excluding defense ²	481.719	486.024	474.705	-0.9	2.4	0.9	477,755	513,364	445,195	435,182	1,875,869	1,735,349	8.1
With unfilled orders ²	176,671	181,891	175,517	-2.9	3.6	6.0	170,755	201,910	165,720	154,343	689,372	622,898	10.7
Durable goods industries ²	248,617	252,760	246,039	-1.6	2.7	4.5	243,719	278,300	232,972	219,630	969,177	883,687	9.7
Primary metals	21,708	21,415	20,455	1.4	4.7	3.6	22,221	22,966	20,441	18,339	85,854	74,466	15.3
Iron and steel mills	10,945	10,702	10,195	2.3	5.0	4.5	11,230	11,453	10,182	8,876	43,152	36,074	19.6
Aluminum and nonferrous metals	9,354	9,327	8,908	0.3	4.7	3.1	9,584	10,047	8,935	8,206	37,163	33,101	12.3
Ferrous metal foundries	1,409	1,386	1,352	1.7	2.5	0.6	1,407	1,466	1,324	1,257	5,539	5,291	4.7
Fabricated metal products	33,379	32,775	32,344	1.8	1.3	0.4	34,038	34,818	31,367	29,666	131,522	117,693	11.8
Machinery	31,687	31,903	32,939	-0.7	-3.1	3.3	32,337	35,436	32,048	31,102	130,362	122,134	6.
Construction machinery Mining, oil field, and	2,766	2,771	3,078	-0.2	-10.0	8.0	2,878	3,156	3,127	2,911	12,012	11,326	6.1
gas field machinery	1,357	1,535	1,444	-11.6	6.3	-8.5	1,125	1.598	1.462	1,265	5,740	5,379	6.
Industrial machinery	2,383	2,649	2,626	-10.0	0.9	9.7	2,408	3,075	2,305	2,441	10,119	10,294	-1.
Photographic equipment	476	494	519	-3.6		5.1	396	547	456	502	1,855	2,062	
Ventilation, heating, air-conditioning,								• · ·			.,	_,	
and refrigeration equipment	3,749	3,734	3,763	0.4	-0.8	-0.5	3,694	4,192	3,158	3,555	14,345	14,024	2.
Metalworking machinery	2,789	2,670	3,180	4.5	-16.0	9.0	2,752	2,776	3,013	2,734	11,375	9,918	
Turbines, generators, and other	2,100	2,010	0,100			0.0	2,102	2,0	0,010	2,701	,0. 0	0,010	
power transmission equipment	3,845	4,177	4,124	-7.9	1.3	3.7	3,983	4,205	4,062	3,937	16,122	14,930	8.
Material handling equipment	2,793	2,757	2,695	1.3		3.1	2,688	2,997	2,743	2,340	10,122	10,251	6.
Computers and electronic products ²	22,767	22,513	22,187	1.0	1.5	-1.1	21,021	25,805	20,072	19,279	86,255	80,991	6.
				-7.4									
Computers Nondefense communications	765	826	782	-7.4	5.6	3.2	738	853	581	826	2,782	3,246	-14.:
equipment	3,193	3,100	3,074	3.0	0.8	-4.7	2,988	3,725	3,003	2,774	12,346	11,828	
Defense communications equipment	252	257	265	-1.9		-3.3	253	328	272	231	1,058	985	7.4
Electronic components	3,568	3,587	3,677	-0.5	-2.4	-0.9	3,514	3,592	3,413	3,351	14,058	13,060	7.
Nondefense search and navigation													
equipment	1,621	1,606	1,513	0.9	6.1	-0.5	1,566	1,793	1,419	1,443	6,211	5,820	6.
Defense search and navigation													
equipment	2,679	2,848	2,580	-5.9	10.4	-0.9	2,536	3,506	2,397	2,312	10,478	9,923	5.
Electromedical, measuring,													
and control instruments	9,145	8,904	8,859	2.7	0.5	0.3	8,144	10,423	7,848	7,096	34,085	30,396	12.
Electrical equipment, appliances,													
and components	11,486	11,279	11,004	1.8		2.6	11,267	12,023	10,429	10,088	43,778	41,816	
Electric lighting equipment	1,075	1,056	1,047	1.8		-1.5	1,073	1,087	994	1,071	4,162	4,267	-2.
Household appliances	1,709	1,790	1,710	-4.5		-2.1	1,699	1,957	1,409	1,753	6,624	6,774	-2.
Electrical equipment	3,033	3,028	3,038	0.2	-0.3	5.8	2,960	3,406	2,931	2,756	11,935	11,929	0.
Transportation equipment	87,168	92,697	86,731	-6.0	6.9	10.8	81,935	105,769	81,561	72,523	335,513	296,685	13.
Motor vehicle bodies, parts,													
and trailers	26,665	26,390	26,559	1.0		1.8	26,676	28,817	27,306	25,093	107,293	103,536	
Nondefense aircraft and parts	16,234	22,845	14,211	-28.9	60.8	14.5	11,502	26,361	10,707	7,410	55,216	36,538	51.1
Defense aircraft and parts	3,854	3,581	3,881	7.6	-7.7	43.0	3,418	4,746	2,590	5,464	13,493	18,748	-28.
Ships and boats	2,685	2,839	6,164	-5.4	-53.9	563.5	2,595	3,503	6,226	2,971	13,383	6,388	109.
Furniture and related products	6,487	6,348	6,488	2.2	-2.2	1.1	6,667	6,931	6,517	6,361	26,236	25,950	1.1
Nondurable goods industries	245,831	245,683	244,256	0.1	0.6	-0.3	245,625	251,570	225,866	227,800	956,488	894,851	6.

^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.

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/s.

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, April Full Report, June 4, 2018. Information on data sources and methodology can be found on our website at </br>

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

Estimates are snown in millions of do			Seasonally A			mpmente	, inventorie		easonally Adj	usted	
		Monthly		Pe	rcent Chan	ge		Mor	thly		% Change
Industry	Apr. 2018 ^p	Mar. 2018 ^r	Feb. 2018	Mar Apr.	Feb Mar.	Jan Feb.	Apr. 2018 ^p	Mar. 2018 ^r	Feb. 2018	Apr. 2017	April 2018/ 2017
All manufacturing industries ²	1,153,145	1,147,769	1,138,190	0.5	0.8	0.4	1,161,135	1,157,330	1,142,373	1,120,003	3.7
Excluding transportation ²	357,041	355,872	354,348	0.3	0.4	0.2	363,216		356,054	346,919	4.7
Excluding defense ²	975,251	968,759	959,077	0.7	1.0	0.3	981,291	976,590	963,765	939,705	4.4
Durable goods industries ²	1,153,145	1,147,769	1,138,190	0.5	0.8	0.4	1,161,135	1,157,330	1,142,373	1,120,003	3.7
Primary metals	29,622	29,155	28,532	1.6	2.2	0.8	/	30,257	29,394	27,579	11.9
Iron and steel mills	16,078	15,685	15,203	2.5	3.2	2.5		16,404	15,688	13,657	23.8
Aluminum and nonferrous metals	10,371	10,305	10,167	0.6	1.4	-1.1	10,733	10,623	10,468	10,942	-1.9
Ferrous metal foundries	3,173	3,165	3,162	0.3	0.1	-0.8 0.5		3,230	3,238	2,980	8.5 9.5
Fabricated metal products Machinery	82,357 102,978	81,402 103,459	80,564 103,635	1.2 -0.5	1.0 -0.2	0.5		82,006 104,516	80,158 104,697	76,415 101,003	9.5
Construction machinery	6,045	6,219	6,293	-0.5	-0.2	0.4	6,422	6,634	6,640	5,771	11.3
Mining, oil field, and	0,043	0,213	0,200	-2.0	-1.2	1.1	0,422	0,004	0,040	5,771	11.5
gas field machinery	4,478	4,592	4,531	-2.5	1.3	-0.8	4,478	4,682	4,647	4,589	-2.4
Industrial machinery	8,521	8,772	8,662	-2.9	1.3	0.0	8,757	8,847	8,665	8,843	-1.0
Photographic equipment	1.656	1,713	1,744	-3.3	-1.8	-1.2		1,747	1,829	1,720	-3.1
Ventilation, heating, air-conditioning,	.,	.,	.,				.,	.,	.,	.,.==	
and refrigeration equipment	6,334	6,365	6,418	-0.5	-0.8	0.8	6,536	6,535	6,482	6,044	8.1
Metalworking machinery	8,139	8,176	8,299	-0.5	-1.5	2.5		8,173	8,383	8,149	2.2
Turbines, generators, and other	-	-								-	
power transmission equipment	29,589	29,712	29,752	-0.4	-0.1	-0.1	29,497	29,597	29,777	30,215	-2.4
Material handling equipment	11,780	11,677	11,603	0.9	0.6	0.1	11,920	11,855	11,735	10,665	11.8
Computers and electronic products ²	113,716	113,571	113,294	0.1	0.2	0.0	114,978	114,580	113,456	112,436	2.3
Computers	2,000	1,996	1,906	0.2	4.7	1.1	2,000	1,996	1,906	1,661	20.4
Nondefense communications											
equipment	24,047	24,059	24,073	0.0	-0.1	0.1	24,557	24,409	24,329	22,694	8.2
Defense communications equipment	1,455	1,470	1,479	-1.0	-0.6	0.1	1,468	1,473	1,433	1,395	5.2
Electronic components Nondefense search and navigation	12,251	12,216	12,156	0.3	0.5	0.7	12,436	12,289	12,389	11,567	7.5
equipment Defense search and navigation	19,420	19,346	19,239	0.4	0.6	0.0	19,417	19,233	19,158	18,861	2.9
equipment	26,849	26,929	26,812	-0.3	0.4	-0.6	27,246	27,292	26,665	28,710	-5.1
Electromedical, measuring,	27,694	07.555	27 620	0.5	-0.3	0.1	27,854	27,888	07.570	27,548	1.1
and control instruments Electrical equipment, appliances,	27,094	27,555	27,629	0.5	-0.3	0.1	27,854	27,000	27,576	27,548	1.1
and components	19,338	19,236	19,136	0.5	0.5	-0.4	19,837	19,709	19,498	19,804	0.2
Electric lighting equipment	1,416	1,414	1,410	0.0	0.3	-0.4		1,421	1,408	1,348	6.2
Household appliances	1,335	1,353	1,410	-1.3	7.4	0.5		1,378	1,225	1,340	20.0
Electrical equipment	7,724	7,735	7,796	-0.1	-0.8	-0.5		7,776	7,898	8,100	-3.2
Transportation equipment	796,104	791,897	783,842	0.5	1.0	0.5	,		786,319	773,084	3.2
Motor vehicle bodies, parts,	100,104	,501		5.0	1.0	5.0	,	,500	. 00,010		5.2
and trailers	26,773	26,654	26,401	0.4	1.0	0.8	27,078	27,458	27,189	25,546	6.0
Nondefense aircraft and parts	601,713	596,355	588,437	0.9	1.3	0.2			590,375	577,756	4.1
Defense aircraft and parts	69,111	69,650	70,249	-0.8	-0.9	-1.0	69,932	70,167	70,456	75,015	-6.8
Ships and boats	29,064	29,261	29,201	-0.7	0.2	13.0	29,477	29,777	29,340	25,140	17.3
Furniture and related products	8,417	8,443	8,586	-0.3	-1.7	-0.4	8,859	8,596	8,250	9,085	-2.5

^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 reporter's. 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, April Full Report, June 4, 2018. 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.]

			Seasonally A	djusted				Not Se	easonally Adju	usted	
		Monthly		Pe	ercent Chan	ge		Mon	thly		% Change
Industry	Apr. 2018 ^p	Mar. 2018 ^r	Feb. 2018	Mar Apr.	Feb Mar.	Jan Feb.	Apr. 2018 ^p	Mar. 2018 ^r	Feb. 2018	Apr. 2017	April 2018/ 2017
	000 007	004 740	000 740		0.0	0.0	670.000	000 750	007.044	COO 470	
All manufacturing industries Excluding transportation	666,867 538,360	664,712 536,595	663,710 534,999	0.3 0.3	0.2 0.3	0.3 0.3	670,203 540,774	663,752 535,630	667,814 537,472	639,170 513,703	4
Excluding defense	640,218	637,762	636,805	0.3	0.3	0.3	643,501	636,825	640,869	612,748	5
With unfilled orders	326,948	325,827	325,277	0.3	0.2	0.5	328,738	324,901	327,407	313,005	5
Durable goods industries	401,852	400,538	399,816	0.3	0.2	0.5	403,974	399,879	403,399	384,975	4
Nood products	12,132	12,100	12,048	0.3	0.4	1.0	12,066	12,380	12,455	11,497	4
Nonmetallic mineral products	14,065	14,061	13,961	0.0	0.7	-0.2	14,363	14,383	14,233	13,757	4
Primary metals	34,196	34,056	33,725	0.4	1.0	0.3	34,179	33,839	33,767	31,804	7
Iron and steel mills	19,193	19,185	19,067	0.0	0.6	-0.1	19,016	19,012	19,060	17,754	1
Aluminum and nonferrous metals	13,047	12,920	12,711	1.0	1.6	0.9	13,163	12,858	12,687	12,166	
Ferrous metal foundries	1,956	1,951	1,947	0.3	0.2	-0.6	2,000	1,969	2,020	1,884	
abricated metal products	52,027 67,862	51,592 67,751	51,228 67,310	0.8 0.2	0.7 0.7	0.6 0.6	52,373 68,081	51,711 67,599	51,421	48,283	
Machinery Farm machinery	3,629	3,627	3,608	0.2	0.7	1.4	3,645	3,826	67,913 3,883	64,715 3,463	
Construction machinery	5,524	5,531	5,541	-0.1	-0.2	1.2	5,593	5,561	5,566	5,191	
Mining, oil field,	0,024	0,001	0,041	0.1	0.2	1.2	0,000	0,001	0,000	0,101	
and gas field machinery	5,327	5,356	5,316	-0.5	0.8	-1.1	5,378	5,389	5,402	5,740	-
Industrial machinery	8,312	8,296	8,196	0.2	1.2	1.5	8,171	8,457	8,270	7,582	
Photographic equipment	1,700	1,674	1,643	1.6	1.9	0.6	1,659	1,595	1,676	1,552	
Ventilation, heating, air-conditioning,											
and refrigeration equipment	4,976	4,929	4,905	1.0	0.5	0.6	5,228	5,008	4,998	5,325	-
Metalworking machinery	5,826	5,776	5,833	0.9	-1.0	-0.3	5,805	5,707	5,841	5,598	
Turbines, generators, and other											
power transmission equipment	9,517	9,755	9,607	-2.4	1.5	1.1	9,557	9,475	9,610	8,764	
Material handling equipment	5,619	5,575	5,566	0.8	0.2	0.1	5,586	5,470	5,467	4,988	1
Computers and electronic products ²	43,304	43,211	43,269	0.2	-0.1	0.8	43,588	42,643	43,694	41,831	
Computers	1,502	1,534	1,565	-2.1	-2.0	-0.7	1,465	1,473	1,615	1,461	
Computer storage devices	1,034	1,032	1,049	0.2	-1.6	1.1	1,006	955	1,114	1,068	-
Other peripheral equipment	1,108	1,110	1,098	-0.2	1.1	-0.6	1,139	1,068	1,112	1,150	-
Nondefense communications equipment	4,721	4,609	4,638	2.4	-0.6	0.1	4,698	4,513	4,751	4,603	
Defense communications equipment	4,721	4,009	4,038	0.3	-0.0	0.1	4,098	4,513	660	4,003	
Audio and video equipment	583	586	565	-0.5	3.7	-0.5	558	536	549	633	-1
Electronic components	7,477	7,503	7,416	-0.3	1.2	1.2	7,688	7,462	7,440	7,266	-1
Nondefense search and navigation	7,477	7,000	7,410	0.0	1.2	1.2	7,000	1,402	7,440	7,200	
equipment	2,575	2,581	2,572	-0.2	0.3	0.2	2,586	2,549	2,553	2,553	
Defense search and navigation								-		-	
equipment	2,611	2,605	2,606	0.2	0.0	0.0	2,666	2,625	2,639	2,592	
Electromedical, measuring											
and control instruments	15,193	15,205	15,181	-0.1	0.2	0.8	15,245	15,038	15,143	14,586	
lectrical equipment, appliances,											
and components	18,426	18,400	18,336	0.1	0.3	0.4	18,705	18,414	18,408	17,492	
Electric lighting equipment	2,202	2,210	2,211	-0.4	0.0	0.5	2,227	2,177	2,200	2,090	
Household appliances	2,808	2,817	2,820	-0.3	-0.1	0.0	2,866	2,844	2,876	2,707	
Electrical equipment	5,107	5,097	5,081	0.2	0.3	0.7	5,215	5,100	5,133	4,834	
Batteries	1,844 128,507	1,855 128,117	1,858 128,711	-0.6 0.3	-0.2 -0.5	0.7 0.6	1,853 129,429	1,825 128,122	1,792 130,342	1,820 125,467	
ransportation equipment	3,840	3,918	3,973	-2.0	-0.3	2.4	3,918	3,975	4,082	3,801	
Light trucks and utility vehicles	4,452	4,414	4,402	0.9	0.3	1.3	4,394	4,251	4,447	3,916	
Heavy duty trucks	2,064	2,013	1,928	2.5	4.4	2.4	2,121	2,029	1,990	1,979	
Motor vehicle bodies, parts,	_,	_,	.,				_,	_,	.,	.,	
and trailers	25,213	25,326	25,227	-0.4	0.4	-0.3	25,164	25,378	25,459	23,479	
Nondefense aircraft and parts	65,638	64,913	65,673	1.1	-1.2	0.9	66,556	65,098	66,847	65,146	
Defense aircraft and parts	12,734	12,910	12,902	-1.4	0.1	0.1	12,748	12,818	12,906	12,655	
Ships and boats	2,905	2,918	2,974	-0.4	-1.9	0.7	2,917	2,963	2,978	3,087	
urniture and related products	7,932	7,936	7,961	-0.1	-0.3	0.5	7,838	7,775	7,880	7,382	
liscellaneous durable goods	23,401	23,314	23,267	0.4	0.2	0.2	23,352	23,013	23,286	22,747	
ondurable goods industries	265,015	264,174	263,894	0.3	0.1	0.0	266,229	263,873	264,415	254,195	
pod products	54,846	54,882	54,844	-0.1	0.1	0.7	53,611	53,707	54,519	53,111	
Grain and oilseed milling	5,527	5,454	5,418	1.3	0.7	1.3	5,419	5,405	5,568	5,484	
Dairy products	7,525 9,303	7,532	7,497 9,413	-0.1	0.5	-1.1	7,721	7,536	7,448	7,955	
Meat, poultry, and seafood products		9,369		-0.7	-0.5	2.3	9,200	9,417	9,415	8,874	
everage and tobacco products	24,715 19,975	24,621 19,901	24,595 19,861	0.4 0.4	0.1 0.2	0.8 0.9	24,926 20,220	24,754 19,968	24,923 19,974	24,279 19,622	
Beverages Tobacco	4,740	4,720	4,734	0.4	-0.2	0.9	4,706	4,786	4,949	4,657	
extile mills	3,183	3,192	3,190	-0.3	-0.3	0.0	3,196	3,182	3,191	3,091	
extile products	3,403	3,417	3,406	-0.3	0.3	0.4	3,420	3,434	3,444	3,353	
parel	1,895	1,913	1,919	-0.4	-0.3	0.4	1,865	1,875	1,908	1,877	
eather and allied products	777	773	769	0.5	0.5	0.0	781	756	755	777	
aper products	15,815	15,827	15,828	-0.1	0.0	-0.1	15,877	15,941	15,981	15,728	
Pulp, paper, and paperboard mills	6,483	6,527	6,516	-0.7	0.2	-0.2	6,535	6,608	6,607	6,659	
Paperboard containers	4,957	4,960	4,955	-0.1	0.1	0.3	4,961	4,998	5,015	4,701	
rinting	5,408	5,429	5,415	-0.4	0.3	-0.2	5,439	5,416	5,388	5,444	
etroleum and coal products	41,212	40,820	40,830	1.0	0.0	-0.3	41,894	39,989	40,034	34,952	
Petroleum refineries	35,908	35,599	35,837	0.9	-0.7	-0.4	36,544	34,783	34,943	30,118	:
hemical products	87,766	87,362	87,232	0.5	0.1	-0.3	88,806	88,471	87,957	86,268	
Pesticides, fertilizers, and other											
agricultural chemicals	4,720	4,603	4,496	2.5	2.4	2.5	4,870	4,911	4,938	4,842	
Pharmaceuticals and medicines	35,820	35,457	35,301	1.0	0.4	-1.0	36,218	35,889	35,309	35,101	
Paints, coatings, and adhesives	3,864	3,849	3,830	0.4	0.5	-0.3	4,006	3,959	3,921	3,746	
lastics and rubber products	25,995	25,938	25,866	0.2	0.3	-0.2	26,414	26,348	26,315	25,315	1

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

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 <htps://www.census.gov/manufacturing/m3/>. Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, April Full Report, June 4, 2018. Information on data sources and methodology can be found on our website at <hr/>
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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' Shinments. Inventories, and Orders Survey 1

		Sea	sonally Adj	usted					Not	Seasonally A	Adjusted		
		Monthly		Per	cent Cha	inge		Mon	thly		Year t	o date	
Industry													% Change ⁶
	Apr.	Mar.	Feb.	Mar	Feb	Jan	Apr.	Mar.	Feb.	Apr.			2018/
	2018 ^p	2018 ^r	2018	Apr.	Mar.	Feb.	2018 ^p	2018 ^r	2018	2017	2018 ^p	2017	2017
SHIPMENTS													
All manufacturing industries	492,846	492,699	489,307	0.0	0.7	0.2	489,168	518,285	455,059	449,373	1,916,289	1,789,195	7.1
Construction materials and supplies	50,723	50,411	50,087	0.6	0.6	0.0	51,612	50,913	44,565	47,644	191,513	180,848	5.9
Information technology	24,200	23,637	23,490	2.4	0.6	-0.6	22,321	26,138	20,843	20,093	89,413	82,326	8.6
Computers and related products Motor vehicle and parts	1,808 58,335	1,631 57,087	1,732 56,817	10.9 2.2	-5.8 0.5	-5.9 1.3	1,595 58,949	1,861 63,033	1,275 56,744	1,675 52,122	6,200 230,664	7,234 215,162	-14.3 7.2
	86,090	88,306	86,524	-2.5	2.1	0.1	81,896	97,981	78,801	75,383	332,963	307,094	8.4
Capital goods Nondefense capital goods ³	74,067	77,654	75,648	-2.5	2.1	1.0	70,819	85,881	68,309	66,107	290.029	268.846	7.9
Excluding aircraft	67,299	66,728	67,199	0.9	-0.7	1.0	65,417	73,191	61,921	59,491	259,983	239,796	8.4
Defense capital goods ⁴	12,023	10,652	10,876	12.9	-2.1	-5.2	11,077	12,100	10,492	9,276	42,934	38,248	12.3
Consumer goods	208,960	207,742	206,028	0.6	0.8	0.0	207,526	213,382	192,825	187,597	809,201	743,384	8.9
Consumer durable goods	42,793	41,830	41,373	2.3	1.1	1.4	42,984	46,106	40,990	37,819	167,100	155,951	7.1
Consumer nondurable goods	166,167	165,912	164,655	0.2	0.8	-0.3	164,542	167,276	151,835	149,778	642,101	587,433	9.3
NEW ORDERS													
All manufacturing industries ⁵	494,448	498,443	490,295	-0.8	1.7	2.0	489,344	529,870	458,838	447,430	1,925,665	1,778,538	8.3
Construction materials and supplies	51,496	51,097	50,796	0.8	0.6	0.7	53,049	52,498	45,865	48,633	196,834	184,633	6.6
Information technology	24,382	23,887	23,318	2.1	2.4	-0.1	22,538	27,447	21,414	20,129	91,656	85,538	
Computers and related products	1,812	1,721	1,753	5.3	-1.8 0.6	-5.1	1,599	1,951	1,296	1,694	6,322	7,316	-13.6
Motor vehicle and parts	58,454	57,340	57,022	1.9			58,569	63,302	57,591	52,006	231,235	216,226	6.9
Capital goods	89,400	94,837	90,972	-5.7	4.2	9.6	83,542	108,637	83,151	75,516	346,321	304,147	13.9
Nondefense capital goods ³	78,439 67,125	84,205 66,478	77,475 67,149	-6.8 1.0	8.7 -1.0	3.5 1.6	73,521 65,911	94,171 73,995	71,269 64,066	65,753 61,376	303,310 265,470	270,473 249,150	12.1 6.6
Excluding aircraft Defense capital goods ⁴	10,961	10,632	13,497	3.1	-21.2		10,021	14,466	11,882	9,763	43,011	249,150 33,674	27.7
Consumer goods Consumer durable goods	208,926 42,759	207,820 41,908	205,985 41,330	0.5 2.0	0.9 1.4	0.0 1.1	207,473 42,931	213,592 46,316	192,795 40,960	187,624 37,846	809,690 167,589	743,906 156,473	8.8 7.1
Consumer nondurable goods	166,167	165,912	164,655	0.2	0.8		164,542	167,276	151,835	149,778	642,101	587,433	
UNFILLED ORDERS													
All manufacturing industries ⁵	1,153,145	1,147,769	1,138,190	0.5	0.8	0.4	1,161,135	1,157,330	1,142,373	1,120,003	(X)	(X)	3.7
Construction materials and supplies	56,927	56,154	55,468	1.4	1.2	1.3	57,892	56,455	54,870	51,911	(X)	(X)	11.5
Information technology	111,984	111,802	111,552	0.2	0.2		113,389	113,172	111,863	111,789	(X)	(X)	1.4
Computers and related products	2,000	1,996	1,906	0.2	4.7	1.1	2,000	1,996	1,906	1,661	(X)	(X)	20.4
Motor vehicle and parts	26,773	26,654	26,401	0.4	1.0	0.8	27,078	27,458	27,189	25,546	(X)	(X)	6.0
Capital goods	858,294	854,984	848,453	0.4	0.8	0.5	862,451	860,805	850,149	835,767	(X)	(X)	3.2
Nondefense capital goods ³	713,641	709,269	702,718	0.6	0.9	0.3	716,093	713,391	705,101	691,899	(X)	(X)	3.5
Excluding aircraft Defense capital goods ⁴	217,107 144,653	217,281 145,715	217,531 145,735	-0.1 -0.7	-0.1 0.0	0.0 1.8	219,977 146,358	219,483 147,414	218,679 145,048	216,938 143,868	(X) (X)	(X) (X)	1.4 1.7
Consumer goods Consumer durable goods	5,065 5,065	5,099 5,099	5,021 5,021	-0.7 -0.7	1.6 1.6	-0.8 -0.8	5,300 5,300	5,353 5,353	5,143 5,143	5,088 5,088	(X) (X)	(X) (X)	4.2 4.2
TOTAL INVENTORIES											. ,		
All manufacturing industries	666,867	664,712	663,710	0.3	0.2	0.3	670,203	663,752	667,814	639,170	(X)	(X)	4.9
Construction materials and supplies	70,515	70,093	69,637	0.6	0.7	0.6	71,374	70,871	70,571	66,767	(X)	(X)	6.9
Information technology	38,397	38,262	38,190	0.4	0.2		38,467	37,713	38,466	37,123	(X)	(X)	3.6
Computers and related products	3,644	3,676	3,712	-0.9			3,610	3,496		3,679	(X)	(X)	-1.9
Motor vehicle and parts	35,569	35,671	35,530			0.4	35,597	35,633	35,978	33,175		(X)	7.3
Capital goods	198,565	197,966	198,122	0.3	-0.1	0.7	199,649	197,538	199,770	191,948	(X)	(X)	4.0
Nondefense capital goods ³	176,321	175,394	175,583	0.5	-0.1	0.7	177,366	174,897	177,195	170,181	(X)	(X)	4.2
Excluding aircraft Defense capital goods ⁴	122,703 22,244	122,438 22,572	121,903 22,539	0.2 -1.5	0.4 0.1	0.5 0.1	122,950 22,283	121,540 22,641	122,526 22,575	117,415 21,767	(X) (X)	(X) (X)	4.7 2.4
Consumer goods Consumer durable goods	200,917 29,825	200,143 29,813	199,934 29,773	0.4 0.0	0.1 0.1	0.1 0.6	200,775 29,729	198,275 29,416	199,518 30,136	190,538 28,455	(X) (X)	(X)	5.4 4.5
Consumer nondurable goods	29,825	29,813	29,773	0.0	0.1	0.6	29,729	29,416	169,382	28,455	(X) (X)	(X) (X)	4.5 5.5
				0.4	0.1	0.0	,: //	. 20,000		,000	(,,,)	(//)	0.0

X Not Applicable

^p Preliminary

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

¹ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders commercial and new orders are porters. 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.

²Topical series are regroupings of the separate industry categories.

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

⁵Estimates 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, April Full Report, June 4, 2018. 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,]

			Seasonally A	djusted				Not S	easonally Adju	usted	
1		Monthly	-	-	rcent Chang	ge		Mon			% Change
Industry	Apr. 2018 ^p	Mar. 2018 ^r	Feb. 2018	Mar Apr.	Feb Mar.	Jan Feb.	Apr. 2018 ^p	Mar. 2018 ^r	Feb. 2018	Apr. 2017	April 2018/ 2017
MATERIALS AND SUPPLIES											
All manufacturing industries	227,015	226,050	225,051	0.4	0.4	0.6	227,220	225,546	225,611	216,790	4
Durable goods industries	136,796	136,110	135,111	0.5	0.7	0.8	136,478	135,439	135,399	129,540	5
Wood products	5,019	5,014	4,962	0.1	1.0	0.4	4,794	4,996	5,139	4,507	6
Nonmetallic mineral products	5,833	5,806	5,727	0.5	1.4	1.0	5,869	5,839	5,742	5,466	7.
Primary metals Fabricated metal products	12,396 19,234	12,363 18,988	12,509 18,805	0.3 1.3	-1.2 1.0	2.9 0.3	12,058 19,215	12,087 18,902	12,401 18,774	11,275 17,722	8
Machinery	26,335	26,248	25,979	0.3	1.0	0.8	26,323	26,116	25,960	23,999	9
Computers and electronic products Electrical equipment, appliances,	18,282	18,069	18,048	1.2	0.1	2.6	18,397	17,935	18,143	17,076	7
and components Transportation equipment	7,723 30,443	7,662 30,442	7,485 30,059	0.8 0.0	2.4 1.3	0.8 -0.3	7,842 30,499	7,665 30,522	7,461 30,292	7,222 31,082	-1
Furniture and related products	3,811	3,795	3,827	0.4	-0.8	-1.1	3,785	3,762	3,813	3,664	3
Miscellaneous products	7,720	7,723	7,710	0.0	0.2	-0.3	7,696	7,615	7,674	7,527	2
Nondurable goods industries	90,219	89,940	89,940	0.3	0.0	0.4	90,742	90,107	90,212	87,250	
Food products	18,117	18,014	17,786	0.6 0.7	1.3	1.4	17,882 5,978	17,726	17,651	18,592	-3
Beverage and tobacco products Textiles	5,909 1,100	5,867 1,090	5,942 1,083	0.7	-1.3 0.6	0.5 0.2	5,978	5,958 1,089	6,095 1,084	5,826 1,071	2
Textile products	1,308	1,314	1,306	-0.5	0.6	0.5	1,304	1,315	1,310	1,266	:
Apparel	487	493	495	-1.2	-0.4	1.4	492	492	493	544	-9
Leather and allied products Paper products	246 7,970	243 7,969	242 7,959	1.2 0.0	0.4 0.1	0.4 0.3	246 7,966	238 8,048	238 8,062	240 7,667	
Printing	2,765	2,785	2,752	-0.7	1.2	0.3	2,782	2,789	2,749	2,693	
Petroleum and coal products	12,049	11,896	11,980	1.3	-0.7	1.9	12,318	11,836	11,710	10,123	2
Chemical products Plastics and rubber products	29,418 10,850	29,471 10,798	29,579 10,816	-0.2 0.5	-0.4 -0.2	-0.5 -0.2	29,744 10,925	29,723 10,893	29,879 10,941	28,866 10,362	
WORK IN PROCESS	10,850	10,798	10,010	0.5	-0.2	-0.2	10,925	10,695	10,941	10,302	
Il manufacturing industries	206,186	205,190	204,478	0.5	0.3	0.2	207,762	205,328	206,354	193,372	-
Durable goods industries	150,875	150,154	150,607	0.5	-0.3	0.7	152,304	150.296	152.388	144,521	
Wood products	2,204	2,185	2,170	0.9	0.7	2.0	2,256	2,270	2,233	2,099	
Nonmetallic mineral products	1,527	1,529	1,542	-0.1	-0.8	-1.0	1,581	1,592	1,595	1,588	-
Primary metals Fabricated metal products	10,081 13,670	9,974 13,622	9,682 13,528	1.1 0.4	3.0 0.7	-2.5 1.2	10,214 13,648	9,912 13,595	9,692 13,533	9,383 12,638	1
Machinery	18,867	18,814	18,677	0.4	0.7	1.0	18,821	18,606	18,832	17,789	
Computers and electronic products	13,281	13,356	13,292	-0.6	0.5	0.4	13,545	13,344	13,434	13,410	1
Electrical equipment, appliances, and components	3,848	3,818	3,841	0.8	-0.6	1.3	3,925	3,822	3,887	3,637	
Transportation equipment	82,217	81,727	82,821	0.6	-0.0	0.9	83,137	82,094	84,121	79,409	4
Furniture and related products	1,442	1,426	1,415	1.1	0.8	3.2	1,432	1,413	1,410	1,172	22
Miscellaneous products	3,738	3,703	3,639	0.9	1.8	0.0	3,745	3,648	3,651	3,396	10
Nondurable goods industries	55,311 6,523	55,036 6,549	53,871 6,416	0.5 -0.4	2.2 2.1	-0.9 1.0	55,458 6,156	55,032 6,376	53,966 6,633	48,851 5,622	1:
Food products Beverage and tobacco products	9,403	9,343	9,228	-0.4	1.2	1.0	9,441	9,443	9,425	9,126	
Textiles	705	710	712	-0.7	-0.3	1.0	710	707	712	684	:
Textile products	410	416	409	-1.4	1.7	-1.9	417	419	414	417	(11
Apparel Leather and allied products	322 74	318 75	316 74	1.3 -1.3	0.6 1.4	-2.8 0.0	318 75	305 78	319 75	285 88	-14
Paper products	1,270	1,249	1,238	1.7	0.9	-1.4	1,273	1,253	1,231	1,260	
Printing	1,099	1,105	1,100	-0.5	0.5	-1.7	1,099	1,101	1,092	1,121	-
Petroleum and coal products Chemical products	12,887 19,556	13,006 19,231	12,502 18,867	-0.9 1.7	4.0 1.9	-3.4 -0.9	13,369 19,492	12,968 19,294	12,322 18,675	10,268 17,075	3 1-
Plastics and rubber products	3,062	3,034	3,009	0.9	0.8	-0.2	3,108	3,088	3,068	2,905	
FINISHED GOODS											
II manufacturing industries	233,666	233,472	234,181	0.1	-0.3	0.1	235,221	232,878	235,849	229,008	:
Durable goods industries	114,181	114,274			0.2	0.1	115,192	114,144	115,612	110,914	:
Wood products	4,909	4,901	4,916	0.2	-0.3	1.1	5,016	5,114	5,083	4,891	
Nonmetallic mineral products Primary metals	6,705 11,719	6,726 11,719	6,692 11,534	-0.3 0.0	0.5 1.6	-0.9 -0.1	6,913 11,907	6,952 11,840	6,896 11,674	6,703 11,146	
Fabricated metal products	19,123	18,982	18,895	0.7	0.5	0.5	19,510	19,214	19,114	17,923	8
Machinery	22,660	22,689	22,654	-0.1	0.2	0.0	22,937	22,877	23,121	22,927	(
Computers and electronic products Electrical equipment, appliances,	11,741	11,786	11,929	-0.4	-1.2	-1.5	11,646	11,364	12,117	11,345	1
and components	6,855	6,920	7,010	-0.9	-1.3	-0.4	6,938	6,927	7,060	6,633	
Transportation equipment	15,847	15,948	15,831	-0.6	0.7	0.7	15,793	15,506	15,929	14,976	
Furniture and related products	2,679	2,715	2,719	-1.3	-0.1	1.3	2,621	2,600	2,657	2,546	
Miscellaneous products	11,943	11,888	11,918	0.5	-0.3	0.6	11,911	11,750	11,961	11,824	
Nondurable goods industries Food products	119,485 30,206	119,198 30,319	120,083 30,642	0.2 -0.4	-0.7 -1.1	0.2 0.3	120,029 29,573	118,734 29,605	120,237 30,235	118,094 28,897	
Beverage and tobacco products	9,403	9,411	9,425	-0.4	-1.1	0.3	29,573	29,605	9,403	28,897 9,327	
Textiles	1,378	1,392	1,395	-1.0	-0.2	-0.7	1,381	1,386	1,395	1,336	:
Textile products	1,685	1,687	1,691	-0.1	-0.2	1.0	1,699	1,700	1,720	1,670	
Apparel Leather and allied products	1,086 457	1,102 455	1,108 453	-1.5 0.4	-0.5 0.4	1.0 -0.2	1,055 460	1,078 440	1,096 442	1,048 449	
Paper products	457 6,575	455 6,609	453 6,631	-0.5	-0.3	-0.2	460 6,638	440 6,640	442 6,688	449 6,801	
Printing	1,544	1,539	1,563	0.3	-1.5	0.1	1,558	1,526	1,547	1,630	-4
Petroleum and coal products Chemical products	16,276	15,918	16,348	2.2	-2.6	0.6	16,207	15,185	16,002	14,561	11
	38,792	38,660	38,786	0.3	-0.3	0.1	39,570	39,454	39,403	40,327	-1

^p Preliminary

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

¹ 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/b. Coresus Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, April Full Report, June 4, 2018. Information on data sources and methodology can be found on our website at <http://www.census.gov/manufacturing/m3/b.w.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 Manufacture	ers' Shinments Invento

	Inve	ntory/Ship	ments ra	tio	Unfilled Orders/Shipments ratio ²				
Industry	Apr 2018 ^p	Mar 2018 ^r	Feb 2018	Jan 2018	Apr 2018 ^p	Mar 2018 ^r	Feb 2018	Jan 2018	
All manufacturing industries ³	1.35	1.35	1.36	1.35	(X)	(X)	(X)	()	
Durable goods industries ³	1.63	1.62	1.63	1.64	6.73	6.66	6.68	6.6	
Wood products	1.31	1.30	1.29	1.27	(X)	(X)	(X)	0	
Nonmetallic mineral products	1.30	1.31	1.30	1.31	(X)	(X)	(X)	ò	
Primary metals	1.61	1.64	1.67	1.70	1.39	1.40	1.41	1.4	
Fabricated metal products	1.60	1.62	1.60	1.60	2.61	2.62	2.59	2.6	
Machinery	2.11	2.11	2.07	2.10	3.54	3.57	3.52	3.5	
Computers and electronic products ³	1.64	1.66	1.65	1.63	5.40	5.45	5.45	5.4	
Electrical equipment, appliances,									
and components	1.62	1.65	1.65	1.67	1.86	1.88	1.88	1.9	
Transportation equipment	1.55	1.51	1.56	1.56	15.56	14.75	15.05	14.9	
Furniture and related products	1.22	1.22	1.22	1.23	1.47	1.47	1.50	1.5	
Miscellaneous products	1.70	1.69	1.69	1.69	(X)	(X)	(X)	(1	
Iondurable goods industries	1.08	1.08	1.08	1.08	(X)	(X)	(X)	(.	
Food products	0.81	0.81	0.81	0.82	(X)	(X)	(X)	(.	
Beverage and tobacco products	2.04	1.98	2.01	2.01	(X)	(X)	(X)	(.	
Textiles	1.28	1.30	1.30	1.31	(X)	(X)	(X)	(.	
Textile products	1.51	1.55	1.55	1.58	(X)	(X)	(X)	(.	
Apparel	2.01	2.02	2.04	2.00	(X)	(X)	(X)	(.	
Leather and allied products	1.80	1.85	1.91	1.93	(X)	(X)	(X)	(.	
Paper products	0.99	0.99	0.99	0.99	(X)	(X)	(X)	(.	
Printing	0.83	0.84	0.83	0.84	(X)	(X)	(X)	(.	
Petroleum and coal products	0.77	0.77	0.78	0.76	(X)	(X)	(X)	(.	
Chemical products	1.37	1.36	1.36	1.36	(X)	(X)	(X)	(
Plastics and rubber products	1.31	1.31	1.31	1.31	(X)	(X)	(X)	(.	

Not Applicable

P Preliminary

Revised data due to late receipts and concurrent seasonal adjustment.

¹ Revised data due to late receipts and concurrent seasonal adjustment.
² Excludes the following industries with no unfilled orders: Wood products; nonnetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtoots; farm and garden machinery; computer storage and peripheral devices; audo 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, responsa, 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 - ohtp://www.census.gov/manufacturing/m3/.
Source: U.S. Consus Bureau, Manufacturers' Shipments, inventories, and Orders (M3) Survey, April Full Report, June 4, 2018. Information on data sources and methodology can be found on our website at

Unfi Inventories Apr³ 2017-Apr³ 2017-Apr³ 2017-Apr³ 2017-Industry Anr Mar Anr² Mar Mar Apr² Mar Anr 2018 2018 2018 2018 2018 2018 2018 All manufacturing industries..... 0.2 () 0. 0.0 (X 0.1 0 (X) Durable goods industries..... Wood products... Nonmetallic mineral products..... Primary metals... Fabricated metal products..... Machinory 0.0 (NA) (NA) 0.3 0.2 0.2 0.1 0.1 0.2 0.1 0.3 0.2 0.1 0.2 0 0.3 (NA) (NA) 0.8 0.5 0.8 0.6 0.1 (X) (X) 0.1 0.0 0.1 0.2 0.2 0.3 0.4 0.3 0.2 0.3 0.0 (X) (X) 0.0 -0.1 -0.1 0.0 (X) (X) 0.0 0.1 0.1 0.1 (X) (X) 0.1 -0.1 -0.1 0.1 Fabricated metal products. Machinery. Computers and electronic products.... Electrical equipment, appliances, and components..... Transportation equipment. Furniture and related products.... Miscellaneous products. -0.6 0.1 (X) (X) 0.3 0.2 0.5 0.2 0.9 0.7 0.9 0.2 0.3 0.1 0.6 0.3 0.0 0.0 (X) (X) 0.0 0.0 (X) (X) 0.1 -0.8 0.1 0.4 0.1 0.1 (X) (X) Nondurable goods industries..... 888888888888888 0.2 0.3 0.4 0.7 0.8 0.5 0.3 0.3 0.3 0.3 0.3 0.2 0.2 0.1 0.3 0.5 0.3 0.1 0.3 1.4 0.1 0.2 (X) (X) (X) (X) (X) (X) 8888888888888888888 Food products..... Beverage and tobacco products... Textiles..... Textile products...... Apparel..... Leather and allied products.... (X) (X) (X) (X) (X) (X) Paper products.... Printing.... Petroleum and coal products... Chemical products... Plastics and rubber products...

Table 8. Revisions to Previously Published Monthly Percent Changes ¹ [Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

X Not Applicable NA Not Available

NA hot 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 that for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holidary 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 exhibition.

² The current month revisions are the difference between the advance percent change and use percent change as another, a current publication.
³ The twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthy 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 percisions not a probability sample, estimates of sampling error cannot be calculated. For further details on survey design, methodology, and data limitations see oftp://www.census.gov/manufacturing/m3/>. Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M) Survey, April Full Report, June 4, 2018. Information on data sources and methodology can be found on our website at www.census.gov/manufacturers.