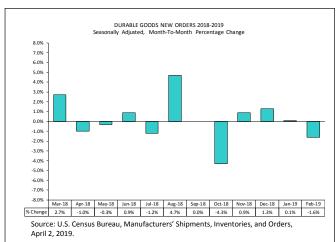
FOR RELEASE AT 8:30 AM EDT, TUESDAY, APRIL 2, 2019

MONTHLY ADVANCE REPORT ON MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS FEBRUARY 2019

Release Number: CB 19-43 M3-1 (19)-02

April 2, 2019 — The U.S. Census Bureau announces the February advance report on manufacturers' shipments, inventories and orders:





New Orders

New orders for manufactured durable goods in February decreased \$4.2 billion or 1.6 percent to \$250.6 billion, the U.S. Census Bureau announced today. This decrease, down following three consecutive monthly increases, followed a 0.1 percent January increase. Excluding transportation, new orders increased 0.1 percent. Excluding defense, new orders decreased 1.9 percent. Transportation equipment, also down following three consecutive monthly increases, drove the decrease, \$4.3 billion or 4.8 percent to \$86.0 billion.

Shipments

Shipments of manufactured durable goods in February, up three of the last four months, increased \$0.5 billion or 0.2 percent to \$258.6 billion. This followed a 0.4 percent January decrease. Computers and electronic products, up four of the last five months, led the increase, \$0.3 billion or 1.1 percent to \$28.0 billion.

Data Inquiries

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

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Media Inquiries
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301-763-3030
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Unfilled Orders

Unfilled orders for manufactured durable goods in February, down four of the last five months, decreased \$3.6 billion or 0.3 percent to \$1,177.6 billion. This followed a 0.1 percent January increase. Transportation equipment, also down four of the last five months, drove the decrease, \$3.8 billion or 0.5 percent to \$807.2 billion.

Inventories

Inventories of manufactured durable goods in February, up twenty-five of the last twenty-six months, increased \$1.3 billion or 0.3 percent to \$418.9 billion. This followed a 0.5 percent January increase. Transportation equipment, up five of the last six months, drove the increase, \$1.3 billion or 1.0 percent to \$134.1 billion.

Capital Goods

Nondefense new orders for capital goods in February decreased \$5.0 billion or 6.3 percent to \$74.5 billion. Shipments increased \$0.5 billion or 0.6 percent to \$78.9 billion. Unfilled orders decreased \$4.4 billion or 0.6 percent to \$705.7 billion. Inventories increased \$0.5 billion or 0.3 percent to \$183.6 billion. Defense new orders for capital goods in February decreased \$0.4 billion or 3.4 percent to \$12.2 billion. Shipments decreased \$0.7 billion or 5.3 percent to \$12.3 billion. Unfilled orders decreased \$0.1 billion or 0.1 percent to \$156.0 billion. Inventories decreased less than \$0.1 billion or virtually unchanged to \$22.9 billion.

Revised January Data

Revised seasonally adjusted January figures for all manufacturing industries were: new orders, \$499.9 billion (revised from \$500.5 billion); shipments, \$503.2 billion (revised from \$503.1 billion); unfilled orders, \$1,181.3 billion (revised from \$1,181.9 billion) and total inventories, \$686.1 billion (revised from \$685.7 billion).

Revised and more detailed estimates, plus nondurable goods data, will be published on April 8, 2019, at 10:00 a.m. EDT. The Advance Report on durable goods for March is scheduled for release on April 25, 2019 at 8:30 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.

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"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 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>.

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RESOURCES

API

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

<www.census.gov/developers/>

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 are available on a seasonally adjusted basis as well as a not seasonally adjusted basis at: https://www.census.gov/econ/currentdata/>.

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.

Notice of Revisions and Changes Due to Updated Seasonal Adjustment Models

On May 16, 2019, monthly seasonally adjusted data for Manufacturers' Shipments, Inventories, and Orders, based on the North American Industry Classification System, will be revised for January 2002 through March 2019. There will be no accompanying press release containing revised seasonally adjusted data for January through March of 2019, and historical data not seasonally adjusted will be unchanged. These revisions to the historical seasonally adjusted data will be based on the results of the recent annual review of the seasonal adjustment models. Based on this review, the lists of series that are seasonally adjusted and not seasonally adjusted will be updated. Three unfilled orders series and one total inventories series that have been adjusted will no longer be seasonally adjusted. Conversely, two stage of fabrication series that have not been adjusted will now be seasonally adjusted. These changes will be implemented on May 16, 2019 and will also be used to produce seasonally adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey, beginning with the April 2019 Advance Report on Durable Goods scheduled for release on May 24, 2019 and the full report scheduled for release on June 4, 2019.

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





Table 1. Durable Goods Manufacturers' Shipments and New Orders ¹

[Estimates are shown in millions of de	ollars and are based on data from the Manufacturers' Shipments, Inventories, a												
	Seasonally Adjusted Monthly				Percent Change	9	Not Seasonally Adjusted Monthly				Year to Date		
ltem	Feb 2019 ²	Jan 2019 ^r	Dec 2018	Jan - Feb ²	Dec- Jan ^r	Nov - Dec	Feb 2019 ²	Jan 2019 ^r	Feb 2018	2019	2018	Percent Change 2019/2018	
DURABLE GOODS													
Total:													
Shipments	258,581 250,577	258,062 254,741	259,199 254,449	0.2 -1.6	-0.4 0.1	0.7 1.3	241,636 235,373	233,400 231,464	229,193 232,972	475,036 466,837	449,543 447,158	5.7 4.4	
New Orders ⁴	230,377	254,741	234,449	-1.0	0.1	1.5	233,373	231,404	232,972	400,637	447,138	4.4	
Excluding transportation: Shipments	168,792	167,977	167,869	0.5	0.1	0.2	155,843	153,891	150,082	309,734	298,214	3.9	
New Orders ⁴	164,546	164,417	164,529	0.3	-0.1	0.2	155,420	153,522	151,411	308,942	299,349	3.2	
Excluding defense:													
Shipments	244,321	242,973	244,836	0.6	-0.8	0.5	228,157	220,999	216,862	449,156	426,269	5.4	
New Orders ⁴	236,385	240,897	239,954	-1.9	0.4	2.2	223,662	221,085	219,329	444,747	425,457	4.5	
Manufacturing with unfilled orders:													
Shipments	180,111	179,855	180,332	0.1	-0.3	0.5	167,168	161,728	158,472		310,746	5.8	
New Orders	176,488	180,618	179,639	-2.3	0.5	1.3	164,947	164,587	165,720	329,534	316,707	4.1	
Primary metals:	21,401	21,261	21,534	0.7	-1.3	-1.5	20,450	20,974	19,438	41,424	39,151	5.8	
Shipments New Orders	21,537	21,201	21,781	0.7	-1.3	0.0	21,338	21,257	20,441	42,595	40,667	4.7	
Fabricated metal products:													
Shipments	33,991	33,780	33,760	0.6	0.1	1.0	31,760	31,626	29,943	63,386	59,882	5.9	
New Orders	34,342	34,249	34,401	0.3	-0.4	1.3	33,026	33,166	31,367	66,192	62,666	5.6	
Machinery:													
Shipments New Orders	33,336 33,158	33,315 33,262	32,941 32,613	0.1 -0.3	1.1 2.0	0.0 -0.4	31,500 32,181	29,872 31,549	30,689 32,048	61,372 63,730	59,229 62,589	3.6 1.8	
	33,136	33,202	32,013	-0.3	2.0	-0.4	32,101	31,343	32,048	03,730	02,369	1.0	
Computers and electronic products ⁴ : Shipments	28,038	27,721	27,729	1.1	0.0	0.1	24,785	24,653	23,009	49,438	46,789	5.7	
New Orders	23,532	23,609	24,049	-0.3	-1.8	-0.4	21,045	20,240	20,072		39,429	4.7	
Computers and related products:													
Shipments	1,822	1,784	1,764	2.1	1.1	-5.3	1,334	1,407	1,275	2,741	2,744	-0.1	
New Orders	1,814	1,824	1,768	-0.5	3.2	-8.0	1,326	1,447	1,296	2,773	2,772	0.0	
Communications equipment:													
Shipments New Orders	3,828 3,586	3,815 3,644	3,760 3,548	0.3 -1.6	1.5 2.7	2.7 -5.5	3,158 3,305	3,006 2,913	2,708 3,275		5,407 6,110	14.0 1.8	
Electrical equipment, appliances,													
and components:													
Shipments New Orders	11,536 11,495	11,460 11,381	11,457 11,230	0.7 1.0	0.0 1.3	0.5 -0.3	10,557 10,769	10,317 10,693	10,171 10,429	20,874 21,462	20,022 20,488	4.3 4.8	
Transportation equipment:	11,133	11,501	11,230	1.0	1.5	0.5	10,703	10,033	10,123	21,102	20,100		
Shipments	89,789	90,085	91,330	-0.3	-1.4	1.6	85,793	79,509	79,111	165,302	151,329	9.2	
New Orders	86,031	90,324	89,920	-4.8	0.4	3.2	79,953	77,942	81,561	157,895	147,809	6.8	
Motor vehicles and parts:													
Shipments New Orders	61,554 61,820	61,524 61,888	62,170 62,179	0.0 -0.1	-1.0 -0.5	2.1 2.1	61,255 62,287	56,897 57,200	56,744 57,591	118,152 119,487	108,682 109,364	8.7 9.3	
Nondefense aircraft and parts:	01,020	01,000	02,173	0.1	0.5	2.1	02,207	37,200	57,551	113,107	103,501	3.3	
Shipments	13,795	13,362	14,964	3.2	-10.7	-0.5	11,194	10,265	10,462	21,459	20,088	6.8	
New Orders	10,185	14,780	13,535	-31.1	9.2	35.7	6,395	10,677	10,707	17,072	17,353	-1.6	
Defense aircraft and parts:													
Shipments	4,668	5,193	4,711	-10.1	10.2	4.5	4,019	3,987	3,979		7,367	8.7	
New Orders	4,613	4,500	4,437	2.5	1.4	-33.6	3,167	3,904	2,590	7,071	5,329	32.7	
All other durable goods:	40,490	40,440	40,448	0.1	0.0	0.5	26 701	26 440	26 022	72 240	72 141	0.1	
Shipments New Orders	40,490	40,440	40,448	0.1 -0.1	0.0	0.8	36,791 37,061	36,449 36,617	36,832 37,054		73,141 73,510	0.1 0.2	
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Capital goods ³ : Shipments	91,212	91,418	92,202	-0.2	-0.9	0.7	82,842	78,681	78,801	161,523	153,086	5.5	
New Orders	86,698	92,094	91,203	-5.9	1.0	2.2	77,276	79,932	83,151	157,208	154,142	2.0	
Nondefense capital goods:													
Shipments	78,947	78,472	79,634	0.6	-1.5	0.1	71,097	68,042	68,309	139,139	133,329	4.4	
New Orders	74,548	79,521	78,396	-6.3	1.4	4.5	67,299	69,949	71,269	137,248	135,618	1.2	
Excluding aircraft:													
Shipments	69,567	69,592	68,928	0.0	1.0	0.1	64,074	62,091	61,921	126,165	121,375	3.9	
New Orders	68,873	68,939	68,335	-0.1	0.9	-0.8	65,274	63,596	64,066	128,870	125,564	2.6	
Defense capital goods:	43.305	43.045	43.500	F 3	3.0	4.0	44 745	40.000	40.400	33.204	40 757	43.3	
Shipments New Orders	12,265 12,150	12,946 12,573	12,568 12,807	-5.3 -3.4	3.0 -1.8	4.8 -10.2	11,745 9,977	10,639 9,983	10,492 11,882		19,757 18,524	13.3 7.8	
		• •								I	I		

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.

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 Based on advance sample. 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 norreporting. 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.

3 The Capital Goods Industries include Nondefense: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; evending, laundry, and other machinery, photographic equipment; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery, betroice computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies. Defense Capital Goods include: small arms and ordnance, communications equipment, aircraft; missiles, space vehicles, and parts, ships and boats, and search and navigation equipment.

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

orders exclude semiconductor industry data.

Table 2. Durable Goods Manufacturers' Unfilled Orders and Total Inventories ¹

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments. Inventories. and Orders Survey.]

Primary metals				Seasonally	rs Survey.] Not Seasonally Adjusted						
Feb Jan Dec Jan			Monthly		F	Percent Change	9		Percent		
Total inventories	ltem										
Unified Orders* 1,177.643 1,182.866 1,189.003 0.3 0.1 0.1 1,189.272 1,182.473 1,142.373 1,142.	DURABLE GOODS										
Total Inventories											
Unified Orders* 294.858 284.864 283.966 0.0 0.1 0.2 371,02 367,483 356,064 4 Total Inventories 284.858 284.864 283.968 0.0 0.3 0.5 728,094 184,084 284,085 273,057 5 Excluding defense: Unified Orders* 980,286 983,841 981,833 0.4 0.2 0.1 982,747 884,00 963,765 2 Total Inventories orderes: Unified Orders* 392,641 980,286 983,841 981,833 0.4 0.2 0.5 0.4 394,881 300,133 376,654 4 Unified Orders* 31,7764 1.181,266 1.180,500 0.3 0.1 0.1 1.180,272 1.182,493 1.142,373 3 Total Inventories 340,140 340,147 338,328 0.3 0.5 0.4 340,800 335,248 327,407 4 Total Inventories 31,854 31,718 31,854 31,71											3.3 4.7
Total Inventories 284,885 284,864 283,966 0.0 0.3 0.5 286,941 284,865 273,077 5	• •										
Unified Orders. 980,286 983,841 981,833 0.4 0.5 0.4 394,841 390,33 376,454 4 Manufacturing with unfilled orders: Unified Orders. 1,177,643 1,181,266 1,189,533 0.3 0.5 0.4 394,812 390,33 376,454 4 Manufacturing with unfilled orders: Unified Orders. 1,177,643 1,181,266 1,189,533 0.3 0.5 0.4 344,050 339,246 327,407 4 Trail inventories. 36,543 36,776 36,576 0.4 0.3 0.5 0.4 344,050 339,246 327,407 4 Trail inventories. 36,543 36,776 36,576 0.4 0.3 0.8 32,274 31,386 33,778 8 Fabricated metal products: Unified Orders. 54,761 54,763 54,657 0.0 0.2 0.2 54,896 54,783 51,421 6 Machinery. Unified Orders. 105,362 105,540 105,533 0.1 0.5 0.6 77,437 70,697 104,697		1									4.2 5.1
Total Inventories	Excluding defense:										
Unfilled Orders			/ -					,			2.1 4.9
Unfilled Orders	Manufacturing with unfilled orders:										
Unfilled Orders. 31,854 31,718 31,791 0.4 0.4 0.8 32,274 31,365 29,394 9 Fabricated metal products: 0.60 0.5 0.7 86,370 38,767 33,767 33,767 35,776 34,761 54,761	Unfilled Orders										3.3 4.8
Total Inventories											
Unfilled Orders											9.8 8.4
Total Inventories											
Unfilled Orders											7.7 6.8
Total Inventories	•										
Unfilled Orders											1.4 5.2
Total Inventories											
Unfilled Orders											3.8 0.4
Total Inventories											
Unfilled Orders											16.8 3.6
And components:	Unfilled Orders										1.5 4.9
Unfilled Orders	Electrical equipment, appliances,										
Tratal inventories 20,002 19,844 19,678 0.8 0.8 1.1 20,215 19,809 18,408 9 Transportation equipment: Unfilled Orders	•										
Unfilled Orders											0.2 9.8
Total Inventories											
Unfilled Orders											2.9 3.9
Total Inventories	•		_								
Unfilled Orders											4.9 6.9
Total Inventories	•	F02.02-	F0= 50-	FC . 2.				P00 05:	F00 07 -	F00 05-	
Unfilled Orders											0.6 2.7
Total Inventories	•										4= 0
Unfilled Orders											15.3 3.5
Total Inventories											
Unfilled Orders											2.0 3.6
Total Inventories											
Unfilled Orders											1.5 4.0
Total Inventories	Nondefense capital goods:										
Unfilled Orders											0.3 4.3
Total Inventories											
Unfilled Orders											1.5 5.1
							_				_
Total Inventories											7.1 1.8

^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 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 a dijusted for price changes.

²Based on advance sample. 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

² Based on advance sample. 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.

The Capital Goods Industries include Nondefense: 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; beard and navigation equipment; detertonedical, measuring, and control instruments; electrical equipment; other computers; computer storage devices; other computer peripheral equipment; beard ordinal control instruments; electrical equipment; other computers; computer storage devices; other computer peripheral equipment; beard ordinal control instruments; electrical equipment; other computers; search and navigation equipment and supplies. Defense Capital Goods include: small arms and ordnance, communications equipment, aircraft; missiles, space vehicles, and parts, ships and boats, and search and navigation equipment.

Estimates and percent changes of shipments and inventories for the semiconductor industry are included in computers and electronic products, and all other applicable aggregate totals. Estimates and percent changes for new orders and unfilled orders exclude semiconductor industry data.