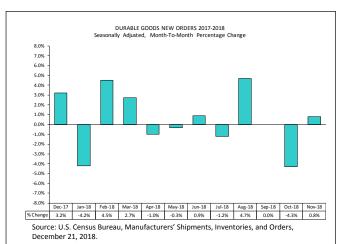
# FOR RELEASE AT 8:30 AM EST, FRIDAY, DECEMBER 21, 2018

# MONTHLY ADVANCE REPORT ON MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS NOVEMBER 2018

Release Number: CB 18-184 M3-1 (18)-11

**December 21, 2018** — The U.S. Census Bureau announces the November advance report on manufacturers' shipments, inventories and orders:





# **New Orders**

New orders for manufactured durable goods in November increased \$1.9 billion or 0.8 percent to \$250.8 billion, the U.S. Census Bureau announced today. This increase, up following two consecutive monthly decreases, followed a 4.3 percent October decrease. Excluding transportation, new orders decreased 0.3 percent. Excluding defense, new orders decreased 0.1 percent. Transportation equipment, up three of the last four months, drove the increase, \$2.5 billion or 2.9 percent to \$87.0 billion.

#### Shipments

Shipments of manufactured durable goods in November, up three of the last four months, increased \$1.8 billion or 0.7 percent to \$256.7 billion. This followed a 0.4 percent October decrease. Transportation equipment, also up three of the last four months, led the increase, \$1.8 billion or 2.0 percent to \$89.5 billion.

#### **Data Inquiries**

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

eid.m3.qs@census.gov



# **Unfilled Orders**

Unfilled orders for manufactured durable goods in November, down two consecutive months, decreased \$1.7 billion or 0.1 percent to \$1,181.7 billion. This followed a 0.2 percent October decrease.

Transportation equipment, also down two consecutive months, drove the decrease, \$2.5 billion or 0.3 percent to \$812.4 billion.

#### **Inventories**

Inventories of manufactured durable goods in November, up twenty-two of the last twenty-three months, increased \$1.1 billion or 0.3 percent to \$412.8 billion. This followed a 0.2 percent October increase. Primary metals, up twenty-four of the last twenty-five months, led the increase, \$0.3 billion or 0.9 percent to \$36.1 billion.

# **Capital Goods**

Nondefense new orders for capital goods in November increased \$0.5 billion or 0.7 percent to \$75.4 billion. Shipments increased \$1.9 billion or 2.4 percent to \$79.6 billion. Unfilled orders decreased \$4.2 billion or 0.6 percent to \$710.6 billion. Inventories increased \$0.1 billion or virtually unchanged to \$180.5 billion. Defense new orders for capital goods in November increased \$1.8 billion or 15.4 percent to \$13.9 billion. Shipments decreased \$0.2 billion or 1.7 percent to \$11.9 billion. Unfilled orders increased \$2.0 billion or 1.3 percent to \$156.0 billion. Inventories decreased less than \$0.1 billion or virtually unchanged to \$22.8 billion.

## **Revised October Data**

Revised seasonally adjusted October figures for all manufacturing industries were: new orders, \$502.7 billion (unchanged); shipments, \$508.6 billion (revised from \$508.4 billion); unfilled orders, \$1,183.4 billion (revised from \$1,183.6 billion) and total inventories, \$682.1 billion (revised from \$681.7 billion).

Revised and more detailed estimates, plus nondurable goods data, will be published on January 7, 2019, at 10:00 a.m. EST. The Advance Report on durable goods for December is scheduled for release on January 25, 2019 at 8:30 a.m. EST. View the full schedule in the Economic Briefing Room:

< www.census.gov/economic-indicators/>. The full text and tables of this release can be found at < www.census.gov/m3>.

#### **EXPLANATORY NOTES**

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

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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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#### Hurricanes

For information on the impact of recent hurricanes on the compilation of this report, please see the Frequently Asked Questions (FAQs) on our website at:

<a href="https://www.census.gov/manufacturing/m3/hurricanesfagsm3.pdf">https://www.census.gov/manufacturing/m3/hurricanesfagsm3.pdf</a>>.

# **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: <a href="https://www.census.gov/econ/currentdata">https://www.census.gov/econ/currentdata</a>>.

# **FRED Mobile App**



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

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# **2019 Release Dates**

Survey month	Advance Report (8:30 a.m. release time)	Full Report (10:00 a.m. release time)			
Nov-18	Fri 12/21/2018	Mon 1/7/2019			
Dec-18	Fri 1/25/2019	Mon 2/4/2019			
Jan-19	Wed 2/27/2019	Wed 3/6/2019			
Feb-19	Tue 3/26/2019	Wed 4/3/2019			
Mar-19	Thu 4/25/2019	Thu 5/2/2019			
Apr-19	Fri 5/24/2019	Tue 6/4/2019			
May-19	Wed 6/26/2019	Wed 7/3/2019			
Jun-19	Thu 7/25/2019	Fri 8/2/2019			
Jul-19	Mon 8/26/2019	Thu 9/5/2019			
Aug-19	Fri 9/27/2019	Thu 10/3/2019			
Sep-19	Thu 10/24/2019	Mon 11/4/2019			
Oct-19	Wed 11/27/2019	Thu 12/5/2019			
Nov-19	Tue12/24/2019	Not available at this time			

Source: <a href="https://www.whitehouse.gov/wp-content/uploads/2018/09/pfei">https://www.whitehouse.gov/wp-content/uploads/2018/09/pfei</a> schedule releasedates 2019.pdf>

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Table 1. Durable Goods Manufacturers' Shipments and New Orders<sup>1</sup>

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

[Estimates are shown in millions of do	ollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]  Seasonally Adjusted  Not Seasonally Adjusted											
	Monthly			Percent Change			Monthly			Year to Date		
ltem	Nov 2018 <sup>2</sup>	Oct 2018 <sup>r</sup>	Sep 2018	Oct - Nov <sup>2</sup>	Sep - Oct <sup>r</sup>	Aug - Sep	Nov 2018 <sup>2</sup>	Oct 2018 <sup>r</sup>	Nov 2017	2018	2017	Percent Change 2018/2017
DURABLE GOODS												
Total:												
Shipments	256,690	254,889	255,840	0.7	-0.4	0.9	250,781	265,237	235,718	2,763,464	2,577,423	7.2
New Orders <sup>4</sup>	250,827	248,939	260,178	0.8	-4.3	0.0	244,652	255,764	233,321	2,754,624	2,540,268	8.4
Excluding transportation:												
Shipments	167,228	167,206	166,668	0.0	0.3	-0.1	161,454	173,020	154,190	1,820,880	1,698,437	7.2
New Orders <sup>4</sup>	163,823	164,394	163,741	-0.3	0.4	-0.5	155,966	168,471	149,205	1,793,735	1,671,870	7.3
Excluding defense:												
Shipments	242,880	240,839	242,023	0.8	-0.5	1.0	236,008	251,420	221,819	2,616,406	2,442,657	7.1
New Orders <sup>4</sup>	234,582	234,792	238,133	-0.1	-1.4	-1.3	227,203	243,282	220,336	2,590,557	2,409,592	7.5
Manufacturing with unfilled orders:												
Shipments	178,998	176,933	178,246	1.2	-0.7	1.0	174,198	181,112	163,256	1,920,897	1,787,057	7.5
New Orders	177,296	175,003	186,721	1.3	-6.3	-0.3	172,764	176,578	165,340	1,956,678	1,793,669	9.1
Primary metals:												
Shipments	21,826	21,571	21,750	1.2	-0.8	-0.1	20,399	22,081	18,109	235,852	204,821	15.2
New Orders	21,544	21,321	21,909	1.0	-2.7	-1.3	20,495	21,931	18,919	238,407	206,257	15.6
Fabricated metal products:	22.040	22.002	22.042		0.5		24 747	25.000	20.002	252.040	224 227	
Shipments New Orders	33,019 33,567	33,093 33,391	32,913 32,851	-0.2 0.5	0.5 1.6	-0.2 -2.1	31,717 31,564	35,008 34,461	29,983 30,050	362,018 368,501	331,907 337,739	9.1 9.1
	33,307	33,331	32,031	0.5	1.0	2.1	31,501	31,101	30,030	300,301	337,733	3.1
Machinery:	22.020	22.026	22.000	0.6	4.0	0.6	20.765	22.270	20.054	250 242	226 560	
Shipments New Orders	32,820 32,826	33,026 33,394	32,698 33,339	-0.6 -1.7	1.0 0.2	-0.6 0.2	30,765 30,388	33,378 33,982	29,951 28,483	358,213 362,023	336,568 342,687	6.4 5.6
	32,020	33,33 .	33,333	2.7	0.2	0.2	30,300	33,302	20,103	302,023	312,007	3.0
Computers and electronic products 4:  Shipments	27,701	27,397	27,121	1.1	1.0	0.0	27,990	27,638	26,379	291,971	275,075	6.1
New Orders	24,138	24,136	23,449	0.0	2.9	0.6	23,234	23,064	21,856	250,888	233,708	7.4
	,	,						,	,			
Computers and related products:	1,889	1,919	1,892	1.6	1.4	-2.4	1,739	1,792	1,665	19,589	21,213	-7.7
Shipments New Orders	1,951	1,919	1,940	-1.6 0.2	1.4 0.4	-2.4	1,739	1,792	1,683	19,569	21,213	-7.7
	,	,-	,				,	,-	,	,,,,,,		
Communications equipment:  Shipments	3,643	3,604	3,586	1.1	0.5	1.6	3,497	3,304	3,126	37,474	33,593	11.6
New Orders	3,823	3,794	3,711	0.8	2.2	2.3	3,612	3,360	3,255	38,806	36,153	7.3
Electrical equipment, appliances,												
and components:												
Shipments	11,529	11,524	11,595	0.0	-0.6	1.1	11,310	12,009	10,666	124,763	117,747	6.0
New Orders	11,505	11,582	11,455	-0.7	1.1	-0.7	11,140	12,075	10,650	125,013	118,068	5.9
Transportation equipment:	00.450	07.500	00.470	2.0	4.7	2.0	00.00	00.047	04 500	040.504	070.005	
Shipments New Orders	89,462 87,004	87,683 84,545	89,172 96,437	2.0 2.9	-1.7 -12.3	3.0 0.9	89,327 88,686	92,217 87,293	81,528 84,116	942,584 960,889	878,986 868,398	7.2 10.7
	87,004	84,343	30,437	2.5	-12.3	0.5	88,080	87,233	64,110	300,883	808,338	10.7
Motor vehicles and parts:  Shipments	50 540	60.724	60.547	0.2	0.2		60.454	66.222	FF 003	CE4 CE7	502.500	0.4
New Orders	60,549 60,703	60,724 60,851	60,547 60,578	-0.3 -0.2	0.3 0.5	1.1 0.8	60,154 60,815	66,233 65,307	55,003 55,411	651,657 651,705	602,690 603,627	8.1 8.0
Nondefense aircraft and parts:			,					,				
Shipments	14,975	12,821	14,794	16.8	-13.3	15.8	14,837	11,820	13,338	143,567	140,108	2.5
New Orders	10,189	9,545	13,391	6.7	-28.7	-19.1	10,704	9,006	16,561	143,449	133,317	7.6
Defense aircraft and parts:												
Shipments	4,532	4,735	4,767	-4.3	-0.7	1.6	4,783	4,620	4,779	49,093	47,354	3.7
New Orders	6,813	5,182	11,584	31.5	-55.3	117.1	7,222	4,287	3,739	57,835		
All other durable goods:												
Shipments	40,333	40,595	40,591	-0.6	0.0	-0.2	39,273	42,906	39,102	448,063	432,319	3.6
New Orders	40,243	40,570	40,738	-0.8	-0.4	-0.1	39,145	42,958	39,247	448,903	433,411	3.6
Capital goods <sup>3</sup> :												
Shipments	91,475	89,786	90,992	1.9	-1.3	2.2	89,627	89,236	84,253	966,752	900,592	7.3
New Orders	89,242	86,885	92,339	2.7	-5.9	-5.4	87,446	85,271	84,944	978,736	901,874	8.5
Nondefense capital goods:												
Shipments	79,612	77,714	79,206	2.4	-1.9	2.4	76,805	77,355	72,474	841,066	788,334	6.7
New Orders	75,364	74,854	78,513	0.7	-4.7	-3.2	72,784	75,085	74,342	844,577	793,632	6.4
		,	-,-					.,	,	. ,		
Excluding aircraft: Shipments	68,958	69,048	68,491	-0.1	0.8	-0.3	66,302	69,516	63,367	743,033	696,169	6.7
Shipments New Orders	69,288	69,691	69,346	-0.1	0.8	-0.3	65,783	70,150	61,730	743,033 749,927	704,369	6.5
	03,200	05,031	05,540	-0.0	0.5	-0.0	03,783	70,130	01,730	143,321	704,309	0.5
Defense capital goods:	11.000	12.072	11 700	4 7	3.4	4.4	12 022	11 001	11 770	125 606	442.250	12.0
Shipments New Orders	11,863 13,878	12,072 12,031	11,786 13,826	-1.7 15.4	2.4 -13.0	1.1 -16.2	12,822 14,662	11,881 10,186	11,779 10,602	125,686 134,159	112,258 108,242	12.0 23.9
	15,576	12,001	15,020	13.4	15.0	10.2	11,002	10,130	10,002	15 1,155	100,242	

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.

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; search and navigation equipment; electronedical, 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

<sup>4</sup> 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.

Table 2. Durable Goods Manufacturers' Unfilled Orders and Total Inventories<sup>1</sup>

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

			Seasonally	s Survey.]  Not Seasonally Adjusted						
ltem		Monthly		F	Percent Change	9		Percent		
	Nov 2018 <sup>2</sup>	Oct 2018 <sup>r</sup>	Sep 2018	Oct - Nov <sup>2</sup>	Sep - Oct <sup>r</sup>	Aug - Sep	Nov 2018 <sup>2</sup>	Oct 2018 <sup>r</sup>	Nov 2017	Change 2018/ 2017
DURABLE GOODS										
Total:										
Unfilled Orders <sup>4</sup> Total Inventories	1,181,650 412,844	1,183,352 411,790	1,185,282 411,069	-0.1 0.3	-0.2 0.2	0.7 0.8	1,172,193 413,017	1,173,627 412,322	1,121,279 394,354	4.5 4.7
Excluding transportation:										
Unfilled Orders <sup>4</sup> Total Inventories	369,213 281,689	368,457 280,720	367,249 280,512	0.2 0.3	0.3 0.1	0.3 0.7	364,049 281,501	364,842 280,502	346,884 266,969	4.9 5.4
Excluding defense:										
Unfilled Orders 4 Total Inventories	983,255 385,720	987,392 384,667	989,419 384,016	-0.4 0.3	-0.2 0.2	0.0 0.8	975,003 385,967	979,113 385,259	942,406 367,554	3.5 5.0
Manufacturing with unfilled orders:										
Unfilled Orders Total Inventories	1,181,650 335,772	1,183,352 335,264	1,185,282 334,642	-0.1 0.2	-0.2 0.2	0.7 0.9	1,172,193 336,092	1,173,627 336,001	1,121,279 321,168	4.5 4.6
Primary metals:										
Unfilled Orders Total Inventories	31,124 36,127	31,406 35,798	31,656 35,536	-0.9 0.9	-0.8 0.7	0.5 -0.4	30,433 35,927	30,337 35,706	27,311 32,990	11.4 8.9
Fabricated metal products:										
Unfilled Orders Total Inventories	85,533 54,372	84,985 54,259	84,687 54,212	0.6 0.2	0.4 0.1	-0.1 0.8	83,857 53,876	84,010 54,005	77,529 49,759	8.2 8.3
Machinery:										
Unfilled Orders Total Inventories	106,079 69,708	106,073 69,629	105,705 69,653	0.0 0.1	0.3 0.0	0.6 0.9	105,147 70,457	105,524 69,816	102,026 67,217	3.1 4.8
Computers and electronic products <sup>4</sup> :										
Unfilled Orders Total Inventories	117,282 43,252	116,684 43,119	115,925 43,505	0.5 0.3	0.7 -0.9	0.4 1.0	116,008 43,484	116,069 43,336	111,884 42,939	3.7 1.3
Computers and related products:										
Unfilled Orders Total Inventories	2,194 3,724	2,132 3,658	2,103 3,742	2.9 1.8	1.4 -2.2	2.3 1.6	2,194 3,803	2,132 3,675	1,842 3,801	19.1 0.1
Communications equipment: Unfilled Orders Total Inventories	26,702 5,433	26,522 5,432	26,332 5,378	0.7 0.0	0.7 1.0	0.5 0.6	26,391 5,569	26,276 5,478	24,960 5,424	5.7 2.7
Electrical equipment, appliances,										
and components:										
Unfilled Orders Total Inventories	19,821 19,364	19,845 19,246	19,787 19,158	-0.1 0.6	0.3 0.5	-0.7 1.5	19,282 19,075	19,452 19,189	18,969 17,614	1.7 8.3
Transportation equipment:										
Unfilled Orders Total Inventories	812,437 131,155	814,895 131,070	818,033 130,557	-0.3 0.1	-0.4 0.4	0.9 0.9	808,144 131,516	808,785 131,820	774,395 127,385	4.4 3.2
Motor vehicles and parts:										
Unfilled Orders Total Inventories	27,181 36,881	27,027 36,592	26,900 36,470	0.6 0.8	0.5 0.3	0.1 -0.3	26,555 36,860	25,894 36,931	25,419 34,926	4.5 5.5
Nondefense Aircraft and parts:										
Unfilled Orders Total Inventories	595,916 66,447	600,702 66,743	603,978 66,534	-0.8 -0.4	-0.5 0.3	-0.2 1.8	592,992 66,879	597,125 67,074	580,921 65,020	2.1 2.9
Defense Aircraft and parts:										
Unfilled Orders Total Inventories	82,262 13,193	79,981 13,215	79,534 13,144	2.9 -0.2	0.6 0.5	9.4 2.1	81,236 13,228	78,797 13,217	70,245 13,102	15.6 1.0
All other durable goods:										
Unfilled Orders Total Inventories	9,374 58,866	9,464 58,669	9,489 58,448	-1.0 0.3	-0.3 0.4	1.6 0.5	9,322 58,682	9,450 58,450	9,165 56,450	1.7 4.0
Capital goods <sup>3</sup> :										
Unfilled Orders Total Inventories	866,626 203,330	868,859 203,263	871,760 202,860	-0.3 0.0	-0.3 0.2	0.2 1.2	861,077 204,863	863,258 203,966	839,996 196,625	2.5 4.2
Nondefense capital goods:										
Unfilled Orders Total Inventories	710,594 180,547	714,842 180,470	717,702 180,141	-0.6 0.0	-0.4 0.2	-0.1 1.3	706,323 182,189	710,344 181,235	695,570 174,325	1.5 4.5
Excluding aircraft:										
Unfilled Orders Total Inventories	223,582 126,051	223,252 125,769	222,609 125,754	0.1 0.2	0.3 0.0	0.4 1.0	221,384 127,310	221,903 126,403	215,784 121,539	2.6 4.7
Defense capital goods:										
Unfilled Orders Total Inventories	156,032	154,017	154,058	1.3	0.0	1.3	154,754	152,914	144,426	7.2 1.7
rotal inventories	22,783	22,793	22,719	0.0	0.3	0.5	22,674	22,731	22,300	1./

<sup>&</sup>lt;sup>r</sup> 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.

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

<sup>&</sup>lt;sup>2</sup> 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.

<sup>&</sup>lt;sup>3</sup> 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; computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electronedical, measuring, and control instruments; electrical equipment, appliances, and components, heavy duty trucks, airradit; airlangingent; other electrical equipment and individure; 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.

<sup>&</sup>lt;sup>4</sup> 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.