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

Release Number: CB 19-146 M3-1 (19)-08

**September 27, 2019** — The U.S. Census Bureau announces the August advance report on manufacturers' shipments, inventories and orders:

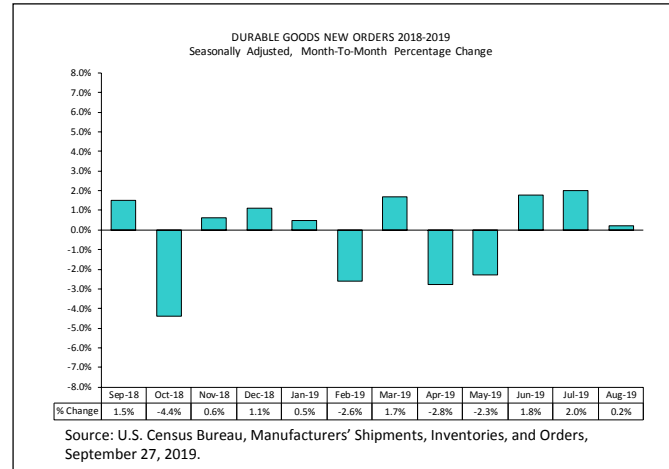


### DURABLE GOODS – NEW ORDERS

<b>AUGUST 2019</b>	<b>\$250.7 billion</b>	<b>+0.2%°</b>
<b>JULY 2019 (revised)</b>	<b>\$250.2 billion</b>	<b>+2.0%°</b>

**Next release: October 24, 2019**

Data adjusted for seasonal variation but not for price changes.  
°Statistical significance is not measurable for this survey. The Manufacturers' Shipments, Inventories, and Orders estimates are not based on a probability sample, so the sampling error of these estimates cannot be measured nor can the confidence intervals be computed.  
Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories and Orders, September 27, 2019.



### New Orders

New orders for manufactured durable goods in August increased \$0.5 billion or 0.2 percent to \$250.7 billion, the U.S. Census Bureau announced today. This increase, up three consecutive months, followed a 2.0 percent July increase. Excluding transportation, new orders increased 0.5 percent. Excluding defense, new orders decreased 0.6 percent. Fabricated metal products, up four of the last five months, led the increase, \$0.4 billion or 1.3 percent to \$34.4 billion.

### Shipments

Shipments of manufactured durable goods in August, up three of the last four months, increased \$0.3 billion or 0.1 percent to \$254.2 billion. This followed a 1.2 percent July decrease. Machinery, up four of the last five months, drove the increase, \$0.5 billion or 1.6 percent to \$33.4 billion.

### Data Inquiries

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

### Media Inquiries

Public Information Office  
301-763-3030  
[pio@census.gov](mailto:pio@census.gov)



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[census.gov](http://census.gov)

## Unfilled Orders

Unfilled orders for manufactured durable goods in August, up two consecutive months, increased \$0.7 billion or 0.1 percent to \$1,162.3 billion. This followed a 0.1 percent July increase. Fabricated metal products, up three consecutive months, led the increase, \$0.6 billion or 0.7 percent to \$87.2 billion.

## Inventories

Inventories of manufactured durable goods in August, up thirteen of the last fourteen months, increased \$1.3 billion or 0.3 percent to \$428.6 billion. This followed a 0.4 percent July increase. Transportation equipment, also up thirteen of the last fourteen months, drove the increase, \$1.7 billion or 1.2 percent to \$143.2 billion.

## Capital Goods

Nondefense new orders for capital goods in August decreased \$1.6 billion or 2.1 percent to \$74.4 billion. Shipments increased \$0.2 billion or 0.2 percent to \$74.7 billion. Unfilled orders decreased \$0.4 billion or 0.1 percent to \$693.3 billion. Inventories increased \$1.8 billion or 0.9 percent to \$192.7 billion. Defense new orders for capital goods in August increased \$1.8 billion or 15.4 percent to \$13.7 billion. Shipments increased \$0.1 billion or 0.5 percent to \$12.7 billion. Unfilled orders increased \$1.0 billion or 0.7 percent to \$157.0 billion. Inventories decreased \$0.3 billion or 1.2 percent to \$23.7 billion.

## Revised July Data

Revised seasonally adjusted July figures for all manufacturing industries were: new orders, \$500.3 billion (unchanged); shipments, \$504.0 billion (unchanged); unfilled orders, \$1,161.6 billion (revised from \$1,161.5 billion) and total inventories, \$696.7 billion (revised from \$696.5 billion).

Revised and more detailed estimates, plus nondurable goods data, will be published on October 3, 2019, at 10:00 a.m. EDT. The Advance Report on durable goods for September is scheduled for release on October 24, 2019 at 8:30 a.m. EDT. View the full schedule in the Economic Briefing Room:

[www.census.gov/economic-indicators/](http://www.census.gov/economic-indicators/) The full text and tables of this release can be found at [www.census.gov/m3](http://www.census.gov/m3).

## EXPLANATORY NOTES

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

“Virtually unchanged” indicates that the change is less than 0.05 percent for a percent increase or decrease.

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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-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](http://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/](http://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.

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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.]

Item	Seasonally Adjusted						Not Seasonally Adjusted					
	Monthly			Percent Change			Monthly			Year to Date		
	Aug 2019 <sup>2</sup>	Jul 2019 <sup>1</sup>	Jun 2019	Jul - Aug <sup>2</sup>	Jun - Jul <sup>1</sup>	May - Jun	Aug 2019 <sup>2</sup>	Jul 2019 <sup>1</sup>	Aug 2018	2019	2018	Percent Change 2019/2018
<b>DURABLE GOODS</b>												
<b>Total:</b>												
Shipments.....	254,216	253,868	256,832	0.1	-1.2	0.9	263,636	237,726	267,539	2,034,117	1,984,048	2.5
New Orders <sup>4</sup> .....	250,670	250,216	245,231	0.2	2.0	1.8	253,927	233,223	265,156	1,980,811	1,987,787	-0.4
<b>Excluding transportation:</b>												
Shipments.....	168,263	167,374	168,611	0.5	-0.7	0.1	174,060	163,880	174,820	1,340,945	1,315,919	1.9
New Orders <sup>4</sup> .....	164,529	163,689	164,543	0.5	-0.5	0.7	166,482	159,382	168,649	1,312,576	1,303,342	0.7
<b>Excluding defense:</b>												
Shipments.....	239,480	239,185	241,960	0.1	-1.1	1.1	249,095	224,930	253,818	1,919,914	1,880,643	2.1
New Orders <sup>4</sup> .....	235,151	236,511	233,415	-0.6	1.3	3.1	239,946	223,145	249,674	1,869,888	1,879,038	-0.5
<b>Manufacturing with unfilled orders:</b>												
Shipments.....	174,756	174,250	177,144	0.3	-1.6	0.4	180,360	164,299	184,753	1,407,706	1,380,749	2.0
New Orders.....	175,473	174,889	169,906	0.3	2.9	1.6	175,223	164,138	186,759	1,387,323	1,415,318	-2.0
<b>Primary metals:</b>												
Shipments.....	20,194	20,147	20,417	0.2	-1.3	-0.6	21,147	19,695	23,152	168,592	172,075	-2.0
New Orders.....	20,485	20,189	20,419	1.5	-1.1	0.2	20,848	19,805	22,589	168,932	175,224	-3.6
<b>Fabricated metal products:</b>												
Shipments.....	33,767	33,440	33,825	1.0	-1.1	0.5	35,757	33,068	35,501	270,625	262,137	3.2
New Orders.....	34,369	33,920	34,178	1.3	-0.8	1.8	35,727	33,466	35,278	274,780	270,000	1.8
<b>Machinery:</b>												
Shipments.....	33,423	32,890	33,446	1.6	-1.7	0.5	33,625	31,569	33,401	266,750	261,380	2.1
New Orders.....	32,907	32,725	33,100	0.6	-1.1	1.7	32,641	31,631	33,539	265,036	265,037	0.0
<b>Computers and electronic products<sup>4</sup>:</b>												
Shipments.....	27,802	27,902	27,955	-0.4	-0.2	-1.2	27,703	26,218	27,326	215,476	206,359	4.4
New Orders.....	23,622	23,691	23,691	-0.3	0.0	-1.5	21,893	21,386	22,199	182,739	177,644	2.9
<b>Computers and related products:</b>												
Shipments.....	1,696	1,690	1,735	0.4	-2.6	-3.0	1,621	1,542	1,876	13,232	13,793	-4.1
New Orders.....	1,681	1,680	1,701	0.1	-1.2	-3.1	1,606	1,532	1,898	13,159	13,970	-5.8
<b>Communications equipment:</b>												
Shipments.....	3,904	3,910	3,903	-0.2	0.2	1.8	3,557	3,431	3,251	29,225	26,328	11.0
New Orders.....	3,688	3,837	3,840	-3.9	-0.1	3.7	3,223	3,189	3,217	28,312	27,322	3.6
<b>Electrical equipment, appliances, and components:</b>												
Shipments.....	11,780	11,799	11,820	-0.2	-0.2	1.1	12,389	11,462	12,101	92,736	89,343	3.8
New Orders.....	11,828	11,979	11,963	-1.3	0.1	0.7	12,333	11,543	12,107	93,883	90,128	4.2
<b>Transportation equipment:</b>												
Shipments.....	85,953	86,494	88,221	-0.6	-2.0	2.4	89,576	73,846	92,719	693,172	668,129	3.7
New Orders.....	86,141	86,527	80,688	-0.4	7.2	4.1	87,445	73,841	96,507	668,235	684,445	-2.4
<b>Motor vehicles and parts:</b>												
Shipments.....	62,086	62,600	62,404	-0.8	0.3	2.7	66,163	53,377	65,870	493,165	464,901	6.1
New Orders.....	61,894	62,405	62,321	-0.8	0.1	2.7	66,279	52,875	66,431	492,345	465,045	5.9
<b>Nondefense aircraft and parts:</b>												
Shipments.....	9,202	9,375	11,068	-1.8	-15.3	5.3	8,717	8,132	12,845	86,474	99,415	-13.0
New Orders.....	9,066	10,936	7,183	-17.1	52.2	101.4	7,035	11,421	14,248	68,483	109,255	-37.3
<b>Defense aircraft and parts:</b>												
Shipments.....	4,378	4,544	4,570	-3.7	-0.6	-2.8	4,368	3,904	4,677	35,298	34,310	2.9
New Orders.....	4,555	3,496	2,628	30.3	33.0	-38.0	3,432	2,544	3,910	32,891	34,067	-3.5
<b>All other durable goods:</b>												
Shipments.....	41,297	41,196	41,148	0.2	0.1	0.6	43,439	41,868	43,339	326,766	324,625	0.7
New Orders.....	41,318	41,185	41,192	0.3	0.0	0.6	43,040	41,551	42,937	327,206	325,309	0.6
<b>Capital goods<sup>3</sup>:</b>												
Shipments.....	87,385	87,169	89,636	0.2	-2.8	0.6	87,005	81,440	89,774	701,176	690,137	1.6
New Orders.....	88,054	87,839	82,553	0.2	6.4	1.1	83,401	82,242	91,760	681,356	706,862	-3.6
<b>Nondefense capital goods:</b>												
Shipments.....	74,728	74,569	76,735	0.2	-2.8	0.9	74,563	70,456	78,154	602,530	601,924	0.1
New Orders.....	74,359	75,974	72,246	-2.1	5.2	5.0	70,850	73,486	78,289	584,737	614,900	-4.9
<b>Excluding aircraft:</b>												
Shipments.....	69,789	69,490	69,913	0.4	-0.6	0.0	69,874	66,247	69,228	550,468	535,498	2.8
New Orders.....	69,296	69,415	69,431	-0.2	0.0	0.9	67,756	65,662	68,898	548,187	541,972	1.1
<b>Defense capital goods:</b>												
Shipments.....	12,657	12,600	12,901	0.5	-2.3	-1.0	12,442	10,984	11,620	98,646	88,213	11.8
New Orders.....	13,695	11,865	10,307	15.4	15.1	-20.1	12,551	8,756	13,471	96,619	91,962	5.1

<sup>1</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>2</sup> 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.

<sup>3</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>4</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; 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.

<sup>5</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.]

Item	Seasonally Adjusted						Not Seasonally Adjusted			
	Monthly			Percent Change			Monthly			Percent Change 2019/2018
	Aug 2019 <sup>2</sup>	Jul 2019 <sup>1</sup>	Jun 2019	Jul - Aug <sup>2</sup>	Jun - Jul <sup>1</sup>	May - Jun	Aug 2019 <sup>2</sup>	Jul 2019 <sup>1</sup>	Aug 2018	
<b>DURABLE GOODS</b>										
<b>Total:</b>										
Unfilled Orders <sup>4</sup> .....	1,162,330	1,161,613	1,160,974	0.1	0.1	-0.6	1,159,251	1,164,388	1,170,981	-1.0
Total Inventories.....	428,551	427,274	425,643	0.3	0.4	0.3	432,361	430,625	410,921	5.2
<b>Excluding transportation:</b>										
Unfilled Orders <sup>4</sup> .....	368,827	368,298	367,692	0.1	0.2	0.1	367,611	370,617	364,826	0.8
Total Inventories.....	285,354	285,761	285,947	-0.1	-0.1	0.0	287,686	287,797	281,205	2.3
<b>Excluding defense:</b>										
Unfilled Orders <sup>4</sup> .....	964,426	964,492	962,875	0.0	0.2	-0.4	962,216	966,793	985,456	-2.4
Total Inventories.....	400,458	398,881	397,568	0.4	0.3	0.2	404,199	402,127	383,989	5.3
<b>Manufacturing with unfilled orders:</b>										
Unfilled Orders.....	1,162,330	1,161,613	1,160,974	0.1	0.1	-0.6	1,159,251	1,164,388	1,170,981	-1.0
Total Inventories.....	349,501	348,282	347,113	0.4	0.3	0.3	352,972	351,372	334,438	5.5
<b>Primary metals:</b>										
Unfilled Orders.....	31,542	31,251	31,209	0.9	0.1	0.0	31,443	31,742	31,027	1.3
Total Inventories.....	35,158	35,514	35,775	-1.0	-0.7	-1.1	35,509	35,901	36,048	-1.5
<b>Fabricated metal products:</b>										
Unfilled Orders.....	87,214	86,612	86,132	0.7	0.6	0.4	87,719	87,749	85,237	2.9
Total Inventories.....	54,563	54,515	54,639	0.1	-0.2	0.1	54,740	55,037	53,959	1.4
<b>Machinery:</b>										
Unfilled Orders.....	102,352	102,868	103,033	-0.5	-0.2	-0.3	102,086	103,070	104,994	-2.8
Total Inventories.....	72,359	72,407	72,129	-0.1	0.4	0.4	73,019	72,640	69,819	4.6
<b>Computers and electronic products<sup>4</sup>:</b>										
Unfilled Orders.....	118,464	118,381	118,301	0.1	0.1	0.1	117,229	118,467	114,585	2.3
Total Inventories.....	43,247	43,288	43,415	-0.1	-0.3	0.0	43,875	43,741	43,761	0.3
<b>Computers and related products:</b>										
Unfilled Orders.....	2,122	2,137	2,147	-0.7	-0.5	-1.6	2,122	2,137	2,055	3.3
Total Inventories.....	3,794	3,802	3,806	-0.2	-0.1	1.3	3,920	3,922	3,820	2.6
<b>Communications equipment:</b>										
Unfilled Orders.....	25,394	25,610	25,683	-0.8	-0.3	-0.2	25,180	25,514	26,053	-3.4
Total Inventories.....	5,589	5,577	5,555	0.2	0.4	0.3	5,714	5,575	5,479	4.3
<b>Electrical equipment, appliances, and components:</b>										
Unfilled Orders.....	20,055	20,007	19,827	0.2	0.9	0.7	20,102	20,158	19,817	1.4
Total Inventories.....	20,308	20,351	20,307	-0.2	0.2	0.1	20,619	20,726	19,257	7.1
<b>Transportation equipment:</b>										
Unfilled Orders.....	793,503	793,315	793,282	0.0	0.0	-0.9	791,640	793,771	806,155	-1.8
Total Inventories.....	143,197	141,513	139,696	1.2	1.3	0.9	144,675	142,828	129,716	11.5
<b>Motor vehicles and parts:</b>										
Unfilled Orders.....	26,575	26,767	26,962	-0.7	-0.7	-0.3	26,372	26,256	26,651	-1.0
Total Inventories.....	38,849	38,610	38,382	0.6	0.6	0.1	39,240	39,327	36,979	6.1
<b>Nondefense Aircraft and parts:</b>										
Unfilled Orders.....	581,212	581,348	579,787	0.0	0.3	-0.7	580,197	581,879	602,950	-3.8
Total Inventories.....	75,065	73,346	72,120	2.3	1.7	1.4	75,843	73,654	65,063	16.6
<b>Defense Aircraft and parts:</b>										
Unfilled Orders.....	79,979	79,802	80,850	0.2	-1.3	-2.3	79,782	80,718	72,251	10.4
Total Inventories.....	13,395	13,399	13,357	0.0	0.3	0.7	13,437	13,403	12,924	4.0
<b>All other durable goods:</b>										
Unfilled Orders.....	9,200	9,179	9,190	0.2	-0.1	0.5	9,032	9,431	9,166	-1.5
Total Inventories.....	59,719	59,686	59,682	0.1	0.0	-0.1	59,924	59,752	58,361	2.7
<b>Capital goods<sup>3</sup>:</b>										
Unfilled Orders.....	850,231	849,562	848,892	0.1	0.1	-0.8	847,377	850,981	865,818	-2.1
Total Inventories.....	216,366	214,898	212,848	0.7	1.0	0.6	219,062	216,392	202,212	8.3
<b>Nondefense capital goods:</b>										
Unfilled Orders.....	693,260	693,629	692,224	-0.1	0.2	-0.6	691,627	695,340	715,788	-3.4
Total Inventories.....	192,658	190,891	189,154	0.9	0.9	0.6	195,327	192,284	179,680	8.7
<b>Excluding aircraft:</b>										
Unfilled Orders.....	218,000	218,493	218,568	-0.2	0.0	-0.2	217,064	219,182	220,964	-1.8
Total Inventories.....	129,940	130,017	129,528	-0.1	0.4	0.2	131,706	131,161	126,524	4.1
<b>Defense capital goods:</b>										
Unfilled Orders.....	156,971	155,933	156,668	0.7	-0.5	-1.6	155,750	155,641	150,030	3.8
Total Inventories.....	23,708	24,007	23,694	-1.2	1.3	0.9	23,735	24,108	22,532	5.3

<sup>1</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>2</sup> 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.

<sup>3</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>4</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; 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.

<sup>5</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.