FOR RELEASE AT 8:30 AM EST, WEDNESDAY, NOVEMBER 25, 2020

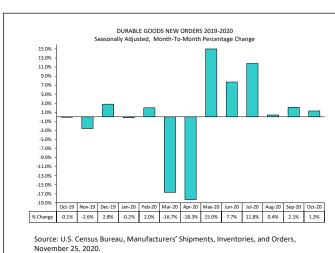
MONTHLY ADVANCE REPORT ON DURABLE GOODS MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS OCTOBER 2020

Release Number: CB 20-174 M3-1 (20)-10

Statement Regarding COVID-19 Impact: The Census Bureau continues to monitor response and data quality and has determined that estimates in this release meet publication standards. For more information, see < <u>M3 COVID-19 FAQs</u>>.

NOVEMBER 25, 2020 — The U.S. Census Bureau announces the October advance report on durable goods manufacturers' shipments, inventories and orders:





New Orders

New orders for manufactured durable goods in October increased \$3.0 billion or 1.3 percent to \$240.8 billion, the U.S. Census Bureau announced today. This increase, up six consecutive months, followed a 2.1 percent September increase. Excluding transportation, new orders increased 1.3 percent. Excluding defense, new orders increased 0.2 percent. Transportation equipment, up five of the last six months, led the increase, \$0.9 billion or 1.2 percent to \$77.1 billion.

Data Inquiries

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



Shipments

Shipments of manufactured durable goods in October, up five of the last six months, increased \$3.1 billion or 1.3 percent to \$248.7 billion. This followed a 0.5 percent September increase. Fabricated metal products, also up five of the last six months, led the increase, \$0.7 billion or 2.4 percent to \$30.9 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in October, down seven of the last eight months, decreased \$2.8 billion or 0.3 percent to \$1,073.2 billion. This followed a 0.2 percent September decrease. Transportation equipment, down eight consecutive months, drove the decrease, \$4.6 billion or 0.6 percent to \$717.0 billion.

Inventories

Inventories of manufactured durable goods in October, up two consecutive months, increased \$1.3 billion or 0.3 percent to \$422.8 billion. This followed a 0.3 percent September increase. Transportation equipment, up twenty-five of the last twenty-six months, led the increase, \$0.6 billion or 0.4 percent to \$148.2 billion.

Capital Goods

Nondefense new orders for capital goods in October decreased \$0.2 billion or 0.2 percent to \$70.5 billion. Shipments increased \$2.6 billion or 3.7 percent to \$73.2 billion. Unfilled orders decreased \$2.7 billion or 0.5 percent to \$591.3 billion. Inventories increased \$0.1 billion or virtually unchanged to \$193.6 billion. Defense new orders for capital goods in October increased \$2.4 billion or 23.1 percent to \$12.7 billion. Shipments increased \$0.4 billion or 3.3 percent to \$12.5 billion. Unfilled orders increased \$0.2 billion or 0.1 percent to \$179.7 billion. Inventories decreased \$0.1 billion or 0.3 percent to \$21.5 billion.

Revised September Data

Revised seasonally adjusted September figures for all manufacturing industries were: new orders, \$476.0 billion (revised from \$475.0 billion); shipments, \$483.9 billion (revised from \$482.8 billion); unfilled orders, \$1,075.9 billion (unchanged) and total inventories, \$686.2 billion (revised from \$686.7 billion).

Revised and more detailed estimates, plus nondurable goods data, will be published on December 4, 2020, at 10:00 a.m. EST. The Advance Report on durable goods for November is scheduled for release on December 24, 2020 at 8:30 a.m. EST. View the full schedule in the Economic Briefing Room: https://www.census.gov/economic-indicators/>. The full text and tables of this release can be found at www.census.gov/m3>..

Data Inquiries

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



EXPLANATORY NOTES

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

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

Description of the survey

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey, which is a voluntary survey authorized by Title 13 of the United States Code. This survey provides statistics on a calendar-month basis for manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-ofmonth 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-tomonth movements of all establishments that make up the category. The companies for which shipments data are currently reported or imputed in the M3 survey represent approximately 60 percent of the total value of shipments for manufacturing establishments in the 2017 Economic Census, and these companies include roughly 61 percent of the manufacturing companies with \$500 million or more in shipments in the 2017 Economic Census. The companies for which shipments data are currently reported in the M3 survey represent approximately 51 percent of the total value of shipments for manufacturing establishments in the 2017 Economic Census. Statistics based on the M3 panel differ from the results that would be obtained from a complete enumeration of all manufacturing companies. The M3 panel is not based on a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many 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

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

eid.m3.qs@census.gov



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>.

2021 Release Dates for the M3 Survey

Survey month	Advance Report (8:30 a.m. release time)	Full Report (10:00 a.m. release time)				
Nov-20	Thu 12/24/2020	Wed 1/6/2021				
Dec-20	Wed 1/27/2021	Thu 2/4/2021				
Jan-21	Thu 2/25/2021	Thu 3/4/2021				
Feb-21	Wed 3/24/2021	Mon 4/5/2021				
Mar-21	Mon 4/26/2021	Tue 5/4/2021				
Apr-21	Thu 5/27/2021	Fri 6/4/2021				
May-21	Thu 6/24/2021	Fri 7/2/2021				
Jun-21	Tue 7/27/2021	Tue 8/3/2021				
Jul-21	Wed 8/25/2021	Thu 9/2/2021				
Aug-21	Mon 9/27/2021	Mon 10/4/2021				
Sep-21	Wed 10/27/2021	Wed 11/3/2021				
Oct-21	Wed 11/24/2021	Fri 12/3/2021				
Nov-21	Thu 12/23/2021	Not available at this time				

https://www.whitehouse.gov/wp-content/uploads/2020/09/pfei schedule release dates 2021.pdf

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/>

Data Inquiries

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

eid.m3.qs@census.gov



FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App < https://fred.stlouisfed.org/fred-mobile/ for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St.

Louis, now incorporates the Census Bureau's 13 economic indicators.

###

Data Inquiries

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

eid.m3.qs@census.gov



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

		na - : •! !	Seasonally				Not Seasonally A					
ltem		Monthly		Percent Change			Monthly			Year to Date Percent		
	Oct 2020 ²	Sep 2020 ^r	Aug 2020	Sep - Oct ²	Aug - Sep ^r	Jul - Aug	Oct 2020 ²	Sep 2020 ^r	Oct 2019	2020	2019	Change 2020/2019
DURABLE GOODS												
Total:	249 604	245 565	244 247	1.2	0.5	0.2	256 014	250 200	255 426	2 227 067	2 504 022	-6.7
Shipments New Orders ⁴	248,694 240,769	245,565 237,751	244,347 232,933	1.3 1.3	0.5 2.1	-0.2 0.4	256,814 244,454		255,436 247,231			
	240,703	237,731	232,333	1.5	2.1	0.4	244,434	243,030	247,231	2,210,200	2,432,204	3.1
Excluding transportation: Shipments	166,992	163,732	162,839	2.0	0.5	0.7	171,219	172,792	167,907	1,607,802	1,636,761	-1.8
New Orders ⁴	163,652	161,542	159,157	1.3	1.5	1.1	166,384	168,602	161,289		1,591,194	
Excluding defense:												
Shipments	234,250	231,774	230,484	1.1	0.6	-0.2	242,395	244,208	241,667	2,199,721	2,366,869	-7.1
New Orders ⁴	227,040	226,679	218,431	0.2	3.8	1.0	232,953	235,045	231,330	2,073,986	2,291,364	-9.5
Manufacturing with unfilled orders:												
Shipments	168,129	163,739	163,503	2.7	0.1	0.9	170,732	172,651	174,714	1,622,431	1,738,262	-6.7
New Orders	165,378	161,210	157,125	2.6	2.6	1.9	164,195	168,276	172,301	1,544,375	1,714,228	-9.9
Primary metals:												
Shipments New Orders	18,792 19,436	18,366 19,355	18,350 18,526	2.3 0.4	0.1 4.5	1.3 1.9	19,009 19,461	18,560 19,016	19,805 19,486		203,502 202,601	
	13,430	13,333	10,320	0.4	4.5	1.5	13,401	13,010	13,400	100,100	202,001	0.1
Fabricated metal products: Shipments	30,863	30,136	30,031	2.4	0.3	-0.5	31,962	31,490	33,527	303,867	320,997	-5.3
New Orders	31,845	31,132	30,438	2.3	2.3	-0.2	32,232	31,748	32,646			
Machinery:												
Shipments	31,406	31,019	31,146	1.2	-0.4	2.0	31,829	31,761	32,556	306,861	323,437	-5.1
New Orders	31,581	31,770	31,570	-0.6	0.6	2.6	31,918	32,082	32,425	309,903	322,218	-3.8
Computers and electronic products ⁴ :												
Shipments	31,040		29,917	2.1	1.6	0.5	30,931	34,126	28,518	-	280,006	
New Orders	25,972	25,187	24,864	3.1	1.3	1.2	25,265	28,624	22,913	240,932	233,645	3.1
Computers and related products:	4 000	4 004	4 075	_		0.0	4 045	2 222	4 500	47.600	46.004	7.0
Shipments New Orders	1,902 1,912	1,804 1,825	1,875 1,857	5.4 4.8	-3.8 -1.7	0.8 0.4	1,815 1,825	2,038 2,059	1,588 1,615			
	1,312	1,023	1,037		2.7	5. 1	1,023	2,033	1,013	17,100	10,303	0.0
Communications equipment: Shipments	4,667	4,248	4,154	9.9	2.3	2.0	4,066	5,215	3,121	38,534	34,740	10.9
New Orders	4,624	4,268	4,197	8.3	1.7	2.7	4,189	5,198	3,102		34,835	
Electrical equipment, appliances,												
and components:												
Shipments New Orders	10,933 10,884	10,540 10,781	10,600 10,868	3.7 1.0	-0.6 -0.8	0.0 0.3	11,243 11,251	11,407 11,572	11,150 11,407	106,839 108,243	109,627 110,795	
Transportation equipment:		-, -	2,222				, -	,-	, -		, , , ,	
Shipments	81,702	81,833	81,508	-0.2	0.4	-1.9	85,595	86,606	87,529	730,065	868,172	-15.9
New Orders	77,117	76,209	73,776	1.2	3.3	-0.9	78,070	80,454	85,942	644,115	841,010	-23.4
Motor vehicles and parts:												
Shipments New Orders	60,119 60,109	62,052 62,105	61,290 61,432	-3.1 -3.2	1.2 1.1	-4.5 -4.1	64,530 63,955	64,859 65,039	62,899 62,077	,	609,549 607,093	
_	00,109	02,103	01,432	-5.2	1.1	-4.1	03,933	05,039	02,077	321,933	007,093	-14.0
Nondefense aircraft and parts ⁵ : Shipments	6,313	5,110	5,271	23.5	-3.1	33.5	5,680	5,757	9,422	59,131	110,890	-46.7
New Orders	2,645	1,905	-3,248	38.8	(NA)		1,615	565	6,884			
Defense aircraft and parts:												
Shipments	4,201	3,742	4,095	12.3	-8.6	-4.2	4,172	4,235	4,476	40,336	46,042	-12.4
New Orders	2,957	1,651	3,979	79.1	-58.5	-13.8	2,009	2,716	7,188	34,293	48,917	-29.9
All other durable goods:												
Shipments	43,958		42,795	1.6	1.1	0.6	46,245	45,448	42,351	414,190		
New Orders	43,934	43,317	42,891	1.4	1.0	0.7	46,257	45,560	42,412	414,832	399,761	3.8
Capital goods ³ :												
Shipments	85,741	82,744	82,340	3.6	0.5	2.7	85,573	89,148	84,437	•		
New Orders	83,218	81,001	76,601	2.7	5.7	5.5	81,193	85,690	83,806	736,795	831,417	-11.4
Nondefense capital goods:	72 242	70.614	70 170	3.7	0.0	2.2	72.000	75 002	72 205	607.000	722 204	-6.2
Shipments New Orders	73,212 70,473	70,614 70,644	70,170 63,333	-0.2	0.6 11.5	3.3 8.3	72,988 70,388	75,902 73,157	72,365 70,138		733,381 709,609	
	, 5, 7, 7, 5	. 5,5	55,555	0.2	11.5	5.5	. 0,000	. 5,157	. 0,100	J_2, 107	, 05,005]
Excluding aircraft: Shipments	69,380	67,800	67,308	2.3	0.7	1.6	69,700	72,530	66,748	655,034	661,413	-1.0
New Orders	70,025	69,510	68,184	0.7	1.9	2.4	70,369	72,330 73,722	66,694	-		
		- ,	-,				- , - 22	- ,- 22	-,	_,		
Defense capital goods: Shipments	12,529	12,130	12,170	3.3	-0.3	-0.6	12,585	13,246	12,072	120,972	119,960	0.8
New Orders	12,745		13,268	23.1	-21.9		10,805	•	13,668			

 $[\]ensuremath{^{\text{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.

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 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.

³ 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.

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 for new orders and unfilled orders exclude semiconductor industry data.

⁵ (NA) - New Orders month-to-month percent change is not provided for Nondefense aircraft and parts because the denominator has a negative value.

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

	rs and are based on data from the Manufacturers' Shipments, Inventories, and Orders Seasonally Adjusted							Not Seasonally Adjusted				
ltom	Monthly		F		Percent Change		Monthly			Percent		
Item	Oct 2020 ²	Sep 2020 ^r	Aug 2020	Sep - Oct ²	Aug - Sep ^r	Jul - Aug	Oct 2020 ²	Sep 2020 ^r	Oct 2019	2020/ 2019		
DURABLE GOODS												
Total: Unfilled Orders ⁴	1,073,151	1,075,902	1,078,431	-0.3	-0.2	-0.6	1,064,086	1,070,623	1,140,226	-6.7		
Total Inventories	422,751	421,494	420,373	0.3	0.3	-0.1	423,120			0.5		
Excluding transportation: Unfilled Orders ⁴	356,191	354,357	351,262	0.5		0.4	353,019	•	347,142			
Total Inventories	274,596	273,978	273,504	0.2	0.2	-0.5	273,507	273,156	281,710	-2.9		
Excluding defense: Unfilled Orders ⁴	855,023	857,059	856,869	-0.2	0.0	-0.8	849,162	852,781	930,943	-8.8		
Total Inventories	397,096	395,767	394,888	0.3	0.2	-0.2	397,520	•	395,718			
Manufacturing with unfilled orders:												
Unfilled Orders Total Inventories	1,073,151 345,115	1,075,902 344,685	1,078,431 343,267	-0.3 0.1	-0.2 0.4	-0.6 -0.1	1,064,086 345,508	, ,	1,140,226 342,208			
Primary metals: Unfilled Orders	32,463	31,819	30,830	2.0	3.2	0.6	31,405	30,953	30,035	4.6		
Total Inventories	33,592	33,539	33,120		1.3	-0.6	•	ŕ	•	-5.3		
Fabricated metal products: Unfilled Orders	75,381	74,399	73,403	1.3	1.4	0.6	74,598	74,328	74,093	0.7		
Total Inventories	51,403	51,088	51,174	0.6	-0.2	-0.5	51,010	51,019	53,345	-4.4		
Machinery: Unfilled Orders	98,587	98,412	97,661	0.2	0.8	0.4	97,770	,	95,843	2.0		
Total Inventories	68,839	68,913	68,916	-0.1	0.0	-0.8	68,678	69,280	72,143	-4.8		
Computers and electronic products ⁴ : Unfilled Orders Total Inventories	118,814 43,602	118,708 43,533	118,631 43,598	0.1 0.2	0.1 -0.1	0.0 -0.9	118,454 43,766	118,297 43,311	117,957 43,942	0.4 -0.4		
Computers and related products: Unfilled Orders	1,866	1,856	1,835	0.5	1.1	-1.0	•	-	-	-5.4		
Total Inventories	3,914	3,861	3,865	1.4	-0.1	0.3	3,940	3,922	3,823	3.1		
Communications equipment: Unfilled Orders Total Inventories	25,586 5,291	25,629 5,325	25,609 5,263	-0.2 -0.6	0.1 1.2	0.2 0.3	25,617 5,350		25,533 5,249	0.3 1.9		
Electrical equipment, appliances,												
and components: Unfilled Orders	22,319	22,368	22,127	-0.2	1.1	1.2	22,187	22,179		5.8		
Total Inventories	19,680	19,720	19,696	-0.2	0.1	-0.3	19,566	19,400	19,833	-1.3		
Transportation equipment: Unfilled Orders Total Inventories	716,960 148,155	721,545 147,516	727,169 146,869	-0.6 0.4	-0.8 0.4	-1.1 0.6	711,067 149,613	718,592 148,398	793,084 139,479	-10.3 7.3		
Motor vehicles and parts:												
Unfilled Orders Total Inventories	21,206 39,135	21,216 38,678	21,163 39,031	0.0 1.2	0.3 -0.9	0.7 -0.3	20,276 39,432	ŕ	19,447 40,400	4.3 -2.4		
Nondefense Aircraft and parts: Unfilled Orders	477,606	481,274	484,479	-0.8	-0.7	-1.7	475,689	479,754	565,709	-15.9		
Total Inventories	79,151	79,070	78,381	0.1	0.9	0.8	80,161	79,566	70,152	14.3		
Defense Aircraft and parts: Unfilled Orders Total Inventories	80,627 12,451	81,871 12,437	83,962 12,431	-1.5 0.1	-2.5 0.0	-0.1 0.8	78,994 12,467	81,157 12,418	83,053 12,160	-4.9 2.5		
All other durable goods:	12,431	12,437	12,431	0.1	0.0	0.8	12,407	12,410	12,100	2.5		
Unfilled Orders Total Inventories	8,627 57,480	8,651 57,185	8,610 57,000	-0.3 0.5	0.5 0.3	1.1 0.0	8,605 57,232	8,593 56,766	8,240 57,340			
Capital goods ³ :												
Unfilled Orders Total Inventories	771,035 215,062	773,558 215,032	775,301 214,291	-0.3 0.0	-0.2 0.3	-0.7 0.2	766,490 216,365	•	,	-9.2 3.7		
Nondefense capital goods:	F04 336	F04 0C5	E04 035	0.5	0.0	4.4	E00 E4E	EO2 44E	676 536	43.0		
Unfilled Orders Total Inventories	591,326 193,609	594,065 193,521	594,035 193,031	-0.5 0.0	0.0 0.3	-1.1 0.1	589,545 194,983	,	-			
Excluding aircraft: Unfilled Orders	220,671	220,026	218,316	0.3	0.8	0.4	219,596	218,927	213,267	3.0		
Total Inventories	127,097	127,136	127,349	0.0	-0.2	-0.3	127,263	127,222	128,853	-1.2		
Defense capital goods: Unfilled Orders	179,709	179,493	181,266	0.1	-1.0	0.6	•	•	167,568			
Total Inventories	21,453	21,511	21,260	-0.3	1.2	0.9	21,382	21,555	21,290	0.4		

 $[\]ensuremath{^{\mathrm{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 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 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.

³ 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.

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 for new orders and unfilled orders exclude semiconductor industry data.