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Advance Report on Durable Goods Manufacturers' Shipments, Inventories and Orders September 2014

New Orders

New orders for manufactured durable goods in September decreased \$3.2 billion or 1.3 percent to \$241.6 billion, the U.S. Census Bureau announced today. This decrease, down two consecutive months, followed an 18.3 percent August decrease. Excluding transportation, new orders decreased 0.2 percent. Excluding defense, new orders decreased 1.5 percent.

Transportation equipment, also down two consecutive months, led the decrease, \$2.8 billion or 3.7 percent to \$73.4 billion.

Shipments

Shipments of manufactured durable goods in September, up three of the last four months, increased \$0.1 billion or 0.1 percent to \$245.6 billion. This followed a 1.8 percent August decrease.

Fabricated metal products, up eight of the last nine months, drove the increase, \$0.2 billion or 0.6 percent to \$30.5 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in September, up seventeen of the last eighteen months, increased \$3.8 billion or 0.3 percent to \$1,168.7 billion. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a 0.6 percent August increase.

Transportation equipment, up twelve of the last thirteen months, led the increase, \$1.0 billion or 0.1 percent to \$742.7 billion.

Inventories

Inventories of manufactured durable goods in September, up seventeen of the last eighteen months, increased \$1.8 billion or 0.4 percent to \$404.8 billion. This was at the highest level since the series was first published on a NAICS basis and followed a 0.4 percent August increase.

Transportation equipment, also up seventeen of the last eighteen months, led the increase, \$1.0 billion or 0.8 percent to \$130.9 billion.

Capital Goods

Nondefense new orders for capital goods in September decreased \$4.6 billion or 5.4 percent to \$82.0 billion. Shipments increased \$0.4 billion or 0.5 percent to \$80.2 billion. Unfilled orders increased \$1.8 billion or 0.2 percent to \$733.3 billion. Inventories increased \$1.1 billion or 0.6 percent to \$184.9 billion.

Defense new orders for capital goods in September increased \$0.6 billion or 7.4 percent to \$9.4 billion. Shipments decreased \$0.1 billion or 1.3 percent to \$9.7 billion. Unfilled orders decreased \$0.3 billion or 0.2 percent to \$157.8 billion. Inventories decreased \$0.3 billion or 1.2 percent to \$23.6 billion.

Revised August Data

Revised seasonally adjusted August figures for all manufacturing industries were: new orders, \$502.2 billion (revised from \$502.0 billion); shipments, \$502.8 billion (revised from \$503.1 billion); unfilled orders, \$1,164.9 billion (revised from \$1,164.5 billion); and total inventories, \$653.9 billion (unchanged).

Figures in text are adjusted for seasonality, but not for inflation. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to <<http://www.census.gov/m3>>. Revised and more detailed estimates, plus nondurable goods data, will be published on November 4, 2014, at 10:00 a.m. EST. The Advance Report on durable goods for October is scheduled for release on November 26, 2014 at 8:30 a.m. EST. See back page for survey description. To receive the latest updates on the Nation's key economic indicators, download the America's Economy app for Apple and Android smartphones and tablets. The U.S. Census Bureau updated its Application Programming Interface (API) with monthly and quarterly economic indicators. The API allows developers to combine Census Bureau statistics with other data sets to create tools for research on a variety of topics.

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

[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		
	Sep 2014 ²	Aug 2014 ¹	Jul 2014	Aug - Sep ²	Jul - Aug ¹	Jun - Jul	Sep 2014 ²	Aug 2014 ¹	Sep 2013	2014	2013	Percent Change 2014/2013
DURABLE GOODS												
Total:												
Shipments.....	245,586	245,441	249,815	0.1	-1.8	3.7	257,749	249,058	241,966	2,166,971	2,062,828	5.0
New Orders ⁴	241,633	244,864	299,862	-1.3	-18.3	22.5	254,709	238,842	244,277	2,198,404	2,042,196	7.6
Excluding transportation:												
Shipments.....	173,115	173,163	173,373	0.0	-0.1	1.9	180,891	175,490	168,637	1,531,969	1,454,179	5.3
New Orders ⁴	168,186	168,603	167,491	-0.2	0.7	-0.6	175,221	166,774	161,369	1,492,152	1,415,984	5.4
Excluding defense:												
Shipments.....	233,836	233,511	237,976	0.1	-1.9	3.7	244,817	237,269	228,165	2,062,453	1,954,716	5.5
New Orders ⁴	230,654	234,273	289,442	-1.5	-19.1	24.9	242,148	230,666	229,489	2,097,011	1,947,591	7.7
Manufacturing with unfilled orders:												
Shipments.....	173,723	173,546	174,918	0.1	-0.8	2.9	183,302	175,923	170,033	1,523,808	1,446,921	5.3
New Orders.....	177,528	180,969	233,140	-1.9	-22.4	28.7	187,032	173,580	179,036	1,623,424	1,487,857	9.1
Primary metals:												
Shipments.....	27,856	27,687	27,582	0.6	0.4	1.9	28,384	28,355	25,778	245,669	229,706	6.9
New Orders.....	28,550	27,935	27,896	2.2	0.1	-0.4	28,206	27,599	25,320	248,109	231,922	7.0
Fabricated metal products:												
Shipments.....	30,458	30,264	30,261	0.6	0.0	0.3	31,988	31,669	29,848	270,663	262,013	3.3
New Orders.....	30,801	30,588	30,673	0.7	-0.3	-0.1	31,593	31,340	29,344	273,662	272,185	0.5
Machinery:												
Shipments.....	36,825	36,963	36,926	-0.4	0.1	3.3	37,749	36,521	34,498	325,953	308,298	5.7
New Orders.....	37,130	38,181	37,780	-2.8	1.1	-1.4	37,431	37,014	34,490	337,889	313,291	7.9
Computers and electronic products⁴:												
Shipments.....	29,166	29,592	29,955	-1.4	-1.2	3.1	31,317	28,505	31,021	257,991	245,938	4.9
New Orders.....	22,316	22,893	22,504	-2.5	1.7	-0.8	26,318	20,897	25,250	197,518	189,117	4.4
Computers and related products:												
Shipments.....	1,960	2,079	2,315	-5.7	-10.2	-5.6	2,705	1,737	3,509	19,434	20,347	-4.5
New Orders.....	2,042	2,156	2,443	-5.3	-11.7	-7.7	2,787	1,814	3,496	20,039	20,452	-2.0
Communications equipment:												
Shipments.....	3,805	3,740	3,850	1.7	-2.9	0.4	4,546	3,658	4,648	33,933	35,285	-3.8
New Orders.....	3,533	4,236	4,180	-16.6	1.3	11.1	4,432	4,077	5,255	36,535	38,921	-6.1
Electrical equipment, appliances, and components:												
Shipments.....	10,585	10,619	10,605	-0.3	0.1	1.9	11,202	10,845	10,522	93,593	92,545	1.1
New Orders.....	11,076	10,883	10,590	1.8	2.8	-3.0	11,267	10,788	10,064	96,132	93,431	2.9
Transportation equipment:												
Shipments.....	72,471	72,278	76,442	0.3	-5.4	8.0	76,858	73,568	73,329	635,002	608,649	4.3
New Orders.....	73,447	76,261	132,371	-3.7	-42.4	73.3	79,488	72,068	82,908	706,252	626,212	12.8
Motor vehicles and parts:												
Shipments.....	47,302	47,221	50,813	0.2	-7.1	10.1	49,137	48,884	46,932	420,816	402,976	4.4
New Orders.....	47,514	47,547	50,904	-0.1	-6.6	10.0	49,302	49,286	46,744	421,379	402,350	4.7
Nondefense aircraft and parts:												
Shipments.....	13,406	13,192	13,394	1.6	-1.5	4.0	14,682	12,816	12,809	108,574	98,013	10.8
New Orders.....	15,264	18,192	69,976	-16.1	-74.0	315.6	18,308	13,998	21,259	180,914	129,585	39.6
Defense aircraft and parts:												
Shipments.....	4,521	4,362	4,560	3.6	-4.3	3.3	5,017	4,309	5,498	40,066	41,721	-4.0
New Orders.....	3,510	3,808	3,994	-7.8	-4.7	-32.7	3,997	2,711	6,281	37,037	35,011	5.8
All other durable goods:												
Shipments.....	38,225	38,038	38,044	0.5	0.0	0.9	40,251	39,595	36,970	338,100	315,679	7.1
New Orders.....	38,313	38,123	38,048	0.5	0.2	0.7	40,406	39,136	36,901	338,842	316,038	7.2
Capital goods³:												
Shipments.....	89,865	89,578	89,195	0.3	0.4	1.9	96,516	88,265	89,365	779,298	744,707	4.6
New Orders.....	91,353	95,345	144,635	-4.2	-34.1	52.5	98,900	87,480	98,027	860,461	782,713	9.9
Nondefense capital goods:												
Shipments.....	80,189	79,772	79,602	0.5	0.2	1.9	85,849	78,528	78,348	693,899	657,109	5.6
New Orders.....	81,985	86,625	136,323	-5.4	-36.5	60.9	88,107	80,584	86,102	777,632	705,998	10.1
Excluding aircraft:												
Shipments.....	70,238	70,390	70,307	-0.2	0.1	2.0	74,905	69,294	69,442	618,263	589,499	4.9
New Orders.....	71,824	73,078	72,836	-1.7	0.3	-0.1	75,579	69,857	69,841	640,059	609,494	5.0
Defense capital goods:												
Shipments.....	9,676	9,806	9,593	-1.3	2.2	1.9	10,667	9,737	11,017	85,399	87,598	-2.5
New Orders.....	9,368	8,720	8,312	7.4	4.9	-17.9	10,793	6,896	11,925	82,829	76,715	8.0

¹ Revised data due to late receipts and concurrent seasonal adjustment.² 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.³ 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>.⁴ 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.

⁵ Estimates of shipments for the semiconductor industry are no longer shown separately. 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 ¹

[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 2014/ 2013
	Sep 2014 ²	Aug 2014 ^r	Jul 2014	Aug - Sep ²	Jul - Aug ^r	Jun - Jul	Sep 2014 ²	Aug 2014 ^r	Sep 2013	
<u>DURABLE GOODS</u>										
Total:										
Unfilled Orders ⁴	1,168,688	1,164,883	1,157,460	0.3	0.6	5.3	1,159,894	1,156,164	1,031,800	12.4
Total Inventories.....	404,776	402,977	401,361	0.4	0.4	0.4	403,870	406,836	381,124	6.0
Excluding transportation:										
Unfilled Orders ⁴	425,977	423,148	419,708	0.7	0.8	0.5	422,203	421,103	394,708	7.0
Total Inventories.....	273,850	273,091	272,038	0.3	0.4	0.5	273,068	275,847	262,289	4.1
Excluding defense:										
Unfilled Orders ⁴	980,520	975,944	967,182	0.5	0.9	6.6	972,115	968,014	834,953	16.4
Total Inventories.....	375,779	373,678	372,164	0.6	0.4	0.5	375,027	377,586	353,307	6.1
Manufacturing with unfilled orders:										
Unfilled Orders.....	1,168,688	1,164,883	1,157,460	0.3	0.6	5.3	1,159,894	1,156,164	1,031,800	12.4
Total Inventories.....	332,376	330,861	329,341	0.5	0.5	0.5	331,521	334,498	312,012	6.3
Primary metals:										
Unfilled Orders.....	40,175	39,481	39,233	1.8	0.6	0.8	38,493	38,671	34,343	12.1
Total Inventories.....	37,385	37,158	36,827	0.6	0.9	1.1	37,478	37,473	35,274	6.2
Fabricated metal products:										
Unfilled Orders.....	87,066	86,723	86,399	0.4	0.4	0.5	86,796	87,191	89,124	-2.6
Total Inventories.....	49,931	49,847	49,646	0.2	0.4	0.6	49,880	50,139	47,529	4.9
Machinery:										
Unfilled Orders.....	120,879	120,574	119,356	0.3	1.0	0.7	119,683	120,001	106,783	12.1
Total Inventories.....	67,634	67,350	67,326	0.4	0.0	0.3	67,334	68,172	65,868	2.2
Computers and electronic products⁴:										
Unfilled Orders.....	144,754	143,846	142,545	0.6	0.9	0.5	144,681	142,910	135,409	6.8
Total Inventories.....	48,871	48,703	48,446	0.3	0.5	0.0	48,765	49,575	46,769	4.3
Computers and related products:										
Unfilled Orders.....	3,994	3,912	3,835	2.1	2.0	3.5	3,994	3,912	3,332	19.9
Total Inventories.....	4,704	4,659	4,702	1.0	-0.9	2.3	4,629	4,878	4,399	5.2
Communications equipment:										
Unfilled Orders.....	38,253	38,525	38,029	-0.7	1.3	0.9	38,129	38,243	34,066	11.9
Total Inventories.....	7,530	7,617	7,662	-1.1	-0.6	-1.7	7,442	7,709	7,503	-0.8
Electrical equipment, appliances, and components:										
Unfilled Orders.....	25,296	24,805	24,541	2.0	1.1	-0.1	24,829	24,764	21,860	13.6
Total Inventories.....	16,616	16,760	16,636	-0.9	0.7	2.7	16,320	16,938	16,423	-0.6
Transportation equipment:										
Unfilled Orders.....	742,711	741,735	737,752	0.1	0.5	8.2	737,691	735,061	637,092	15.8
Total Inventories.....	130,926	129,886	129,323	0.8	0.4	0.3	130,802	130,989	118,835	10.1
Motor vehicles and parts:										
Unfilled Orders.....	17,408	17,196	16,870	1.2	1.9	0.5	17,079	16,914	16,159	5.7
Total Inventories.....	27,347	26,959	26,667	1.4	1.1	0.3	27,540	27,033	25,571	7.7
Nondefense Aircraft and parts:										
Unfilled Orders.....	572,178	570,320	565,320	0.3	0.9	11.1	568,048	564,422	462,928	22.7
Total Inventories.....	73,804	73,035	73,024	1.1	0.0	0.8	73,472	73,909	64,983	13.1
Defense Aircraft and parts:										
Unfilled Orders.....	62,346	63,357	63,911	-1.6	-0.9	-0.9	61,482	62,502	65,649	-6.3
Total Inventories.....	14,327	14,588	14,421	-1.8	1.2	1.6	14,300	14,642	13,504	5.9
All other durable goods:										
Unfilled Orders.....	7,807	7,719	7,634	1.1	1.1	0.1	7,721	7,566	7,189	7.4
Total Inventories.....	53,413	53,273	53,157	0.3	0.2	0.1	53,291	53,550	50,426	5.7
Capital goods³:										
Unfilled Orders.....	891,131	889,643	883,876	0.2	0.7	6.7	885,608	883,224	779,220	13.7
Total Inventories.....	208,521	207,691	207,237	0.4	0.2	0.7	207,576	210,361	195,190	6.3
Nondefense capital goods:										
Unfilled Orders.....	733,313	731,517	724,664	0.2	0.9	8.5	727,604	725,346	612,160	18.9
Total Inventories.....	184,905	183,800	183,434	0.6	0.2	0.9	184,087	186,573	172,420	6.8
Excluding aircraft:										
Unfilled Orders.....	252,467	250,881	248,193	0.6	1.1	1.0	250,441	249,767	227,834	9.9
Total Inventories.....	123,125	122,793	122,325	0.3	0.4	0.7	122,528	124,714	118,984	3.0
Defense capital goods:										
Unfilled Orders.....	157,818	158,126	159,212	-0.2	-0.7	-0.8	158,004	157,878	167,060	-5.4
Total Inventories.....	23,616	23,891	23,803	-1.2	0.4	-0.9	23,489	23,788	22,770	3.2

See footnotes at end of Table 1

Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on 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). The M3 includes approximately 4,300 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 65 publication levels. The survey methodology assumes that the month-to-month changes of the total operations of those companies in the monthly survey effectively represent the month-to-month movements of all establishments that make up the category. The current coverage levels in the survey show that reported data in the monthly survey represent approximately 60 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

The data presented in this release are based on data obtained from a panel of 4,300 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,300 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not 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: <http://www.census.gov/m3>.

Release Dates for the M3 Survey

Survey month	Advance Report (8:30 a.m. release time)	Full Report (10:00 a.m. release time)
October 2014	November 26, 2014	December 5, 2014
November 2014	December 23, 2014	January 6, 2015
December 2014	January 27, 2015	February 3, 2015
January 2015	February 26, 2015	March 5, 2015
February 2015	March 25, 2015	April 2, 2015
March 2015	April 24, 2015	May 4, 2015
April 2015	May 26, 2015	June 2, 2015
May 2015	June 23, 2015	July 2, 2015
June 2015	July 27, 2015	August 4, 2015
July 2015	August 26, 2015	September 2, 2015
August 2015	September 24, 2015	October 2, 2015
September 2015	October 27, 2015	November 3, 2015
October 2015	November 25, 2015	December 3, 2015
November 2015	December 23, 2015	Not available at this time