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Full Report on Manufacturers' Shipments, Inventories and Orders August 2014

Summary

New orders for manufactured goods in August, down following two consecutive monthly increases, decreased \$56.1 billion or 10.1 percent to \$502.0 billion, the U.S. Census Bureau reported today. This followed a 10.5 percent July increase. Excluding transportation, new orders decreased 0.1 percent.

Shipments, down following two consecutive monthly increases, decreased \$5.0 billion or 1.0 percent to \$503.1 billion. This followed a 1.4 percent July increase.

Unfilled orders, up sixteen of the last seventeen months, increased \$7.0 billion or 0.6 percent to \$1,164.5 billion. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a 5.3 percent July increase. The unfilled orders-to-shipments ratio was 6.71, up from 6.62 in July.

Inventories, up twenty-one of the last twenty-two months, increased \$0.8 billion or 0.1 percent to \$653.9 billion. This was also at the highest level since the series was first published on a NAICS basis and followed a slight July increase. The inventories-to-shipments ratio was 1.30, up from 1.29 in July.

New Orders

New orders for manufactured durable goods in August, down following two consecutive monthly increases, decreased \$55.1 billion or 18.4 percent to \$244.8 billion, revised from the previously published 18.2 percent decrease. This followed a 22.5 percent July increase.

Transportation equipment, also down following two consecutive monthly increases, drove the decrease, \$55.8 billion or 42.2 percent to \$76.5 billion.

New orders for manufactured nondurable goods decreased \$1.0 billion or 0.4 percent to \$257.2 billion.

Shipments

Shipments of manufactured durable goods in August, down following two consecutive monthly increases, decreased \$4.0 billion or 1.6 percent to \$245.9 billion, revised from the previously published 1.5 percent decrease. This followed a 3.7 percent July increase.

Transportation equipment, also down following two consecutive monthly increases, led the decrease, \$3.9 billion or 5.1 percent to \$72.5 billion.

Shipments of manufactured nondurable goods, down three of the last four months, decreased \$1.0 billion or 0.4 percent to \$257.2 billion. This followed a 0.8 percent July decrease. Petroleum and coal products, down two consecutive months, led the decrease, \$1.0 billion or 1.4 percent to \$69.3 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in August, up sixteen of the last seventeen months, increased \$7.0 billion or 0.6 percent to \$1,164.5 billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis and followed a 5.3 percent July increase.

Transportation equipment, up eleven of the last twelve months, led the increase, \$4.0 billion or 0.5 percent to \$741.8 billion.

Inventories

Inventories of manufactured durable goods in August, up sixteen of the last seventeen months, increased \$1.7 billion or 0.4 percent to \$403.1 billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis and followed a 0.4 percent July increase.

Transportation equipment, also up sixteen of the last seventeen months, led the increase, \$0.6 billion or 0.4 percent to \$129.9 billion.

Inventories of manufactured nondurable goods, down three consecutive months, decreased \$0.9 billion or 0.3 percent to \$250.8 billion. This followed a 0.7 percent July decrease. Petroleum and coal products, also down three consecutive months, drove the decrease, \$0.9 billion or 1.8 percent to \$47.5 billion.

By stage of fabrication, August materials and supplies increased 0.1 percent in durable goods and decreased 0.7 percent in nondurable goods. Work in process increased 0.7 percent in durable goods and 0.6 percent in nondurable goods. Finished goods increased 0.4 percent in durable goods and decreased 0.5 percent in nondurable goods.

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 www.census.gov/m3. The Advance Report on durable goods for September is scheduled for release on October 28, 2014 at 8:30 a.m. EDT and the Full Report on November 4, 2014, at 10:00 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. Value of Manufacturers' Shipments for Industry Groups¹

Leatiniates are shown in millions of do	,ai 5 ai 10		asonally A		ie ividiil	iiacture	ers' Shipments, Inventories, and Orders Survey.] Not Seasonally Adjusted							
		Monthly	, 7	r e	cent Cha	inge		Moi	nthly			Year to date		
Industry	Aug. 2014 ^p	July 2014 ^r	June 2014	July - Aug.	June - July	May - June	Aug. 2014 ^p	July 2014 ^r	June 2014	Aug. 2013	2014 ^p	2013	% Change 2014/ 2013	
All manufacturing industries	503,106	508,108	501,319	-1.0		0.8	513,768	497,821	522,242	504,328	3,980,630	3,872,026		
Excluding transportation	430,585 491,281	431,666 496,269	430,543 489,806	-0.3 -1.0			440,190 502,148	432,697 487,414	445,682 509,621	432,161 491,867	3,422,476 3,889,213	3,336,706 3,777,715		
Excluding defense With unfilled orders	173,485	174,918	169,968	-0.8		1.9	175,524	165,593	183,342	166,304	1,340,107	1,276,888		
Durable goods industries	245,858	249,815	240,950	-1.6	3.7	1.2	248,936	237,040	257,993	238,133	1,909,100	1,820,862	4.8	
						3.2	9,119		9,416					
Wood products Nonmetallic mineral products	8,601 9,127	8,515 9,188	8,521 9,031	1.0 -0.7		0.8	10,098	8,876 9,878	9,416	7,750 9,713	65,872 71,900	58,344 67,213		
Primary metals	27,670	27,582	27,077	0.3	1.9	1.0	28,323	27,385	27,842	26,465	217,253	203,928	6.5	
Iron and steel mills Aluminum and nonferrous metals	11,286 14,618	11,391 14,402	11,155 14,142	-0.9 1.5		2.7 -0.5	11,476 15,091	11,249 14,424	11,375 14,517	11,063 13,715	89,216 113,893	85,733 104,426	4.1 9.1	
Ferrous metal foundries	1,766	1,789	1,780	-1.3			1,756	1,712	1,950	1,687	14,144	13,769		
Fabricated metal products	30,303	30,261	30,167	0.1		1.8	31,724	30,141	31,703	30,732	238,730	232,165		
Machinery Farm machinery	36,885 1,143	36,926 1,500	35,763 1,643	-0.1 -23.8	3.3 -8.7	-0.4 -7.1	36,335 808	36,011 1,489	38,375 1,524	33,850 1,383	288,018 15,067	273,800 17,636		
Construction machinery	4,582	4,620	4,481	-0.8		-4.0	4,439	4,505	4,601	4,268	36,350	37,028		
Mining, oil field, and	0.007	0.000	0.040	2.0	6.7		0.070	0.000	0.074	0.470	40.004	40,000	0.5	
gas field machineryIndustrial machinery	2,307 6,033	2,393 5,717	2,243 4,837	-3.6 5.5		-5.7 2.5	2,276 6,030	2,308 5,413	2,374 5,202	2,176 4,006	18,091 39,072	16,993 28,781	6.5 35.8	
Photographic equipment	676	713	687	-5.2			675	666	717	698	5,383	5,144		
Ventilation, heating, air-conditioning, and refrigeration equipment	3,671	3,701	3,696	-0.8	0.1	-0.9	3,909	4,110	4,738	3,908	30,270	29,860	1.4	
Metalworking machinery	3,071	3,177	3,200			1.5	3,909	3,136	3,359	3,256	24,792	23,575		
Turbines, generators, and other							·							
power transmission equipment Material handling equipment	4,285 2,969	4,100 3,004	4,006 2,940	4.5 -1.2		0.9 -1.5	4,261 3,071	3,933 2,896	4,250 2,972	3,837 3,050	31,894 23,528	32,002 22,249		
Computers and electronic products ²	29,664	29,955	29,052	-1.2		2.2	28,347	29,578	31,801	26,882	226,516			
Computers	420	458	494	-8.3	-7.3	4.7	366	354	672	493	3,392	3,995	-15.1	
Computer storage devices	868	834	999	4.1			666	484	1,568	749	6,873			
Other peripheral equipment Nondefense communications	869	1,023	959	-15.1	6.7	3.0	706	746	1,297	766	6,465	5,798	11.5	
equipment	3,367	3,383	3,474	-0.5			3,294	2,897	4,207	3,465	26,309	27,279		
Defense communications equipment	367	467	362	-21.4	29.0	5.8	364	437	356	430	3,078	3,358		
Audio and video equipment Electronic components	421 3,584	408 3,747	421 3,721	3.2 -4.4		-0.5 4.7	361 3,607	346 3,777	368 4,088	264 3,533	2,770 28,292	1,838 27,414		
Nondefense search and navigation														
equipment	1,397	1,355	1,374	3.1	-1.4	-0.1	1,367	1,225	1,525	1,323	10,672	10,146	5.2	
Defense search and navigation equipment	2,981	2,891	2,911	3.1	-0.7	1.2	2,869	2,529	3,193	2,677	22,277	22,267	0.0	
Electromedical, measuring,														
and control instruments Electrical equipment, appliances,	6,987	6,910	6,750	1.1	2.4	0.4	6,558	6,183	8,026	5,841	52,687	48,593	8.4	
and components	10,649	10,605	10,405	0.4	1.9	2.0	10,859	10,221	11,291	10,518	82,405	82,023	0.5	
Electric lighting equipment	894	884	874	1.1	1.1	-0.5	873	855	881	839	6,844	6,449		
Household appliances Electrical equipment	1,801 3,378	1,883 3,386	1,797 3,384	-4.4 -0.2		3.3 2.7	1,807 3,426	1,818 3,216	1,904 3,924	1,744 3,463	14,029 26,926	13,160 26,821	0.4	
Batteries	1,019	1,007	987	1.2	2.0	-3.4	1,050	923	972	979	7,645	7,286	4.9	
Transportation equipment Automobiles	72,521 9,707	76,442 9,701	70,776 9,451	-5.1 0.1	8.0 2.6	1.5 1.2	73,578 9,970	65,124 7,993	76,560 9,998	72,167 11,166	558,154 73,968	535,320 83,587	4.3 -11.5	
Light trucks and utility vehicles	13,530	15,625	12,920	-13.4			14,016	12,197	13,622	13,986	108,204	99,318		
Heavy duty trucks	2,823	2,789	2,678	1.2		4.4	2,847	2,719	2,880	2,380	20,664	18,122		
Motor vehicle bodies, parts, and trailers	21,337	22,698	21,118	-6.0	7.5	0.9	22,071	19,975	22,028	21,072	168.863	155,017	8.9	
Nondefense aircraft and parts	13,222	13,394	12,877	-1.3			12,817	11,722	15,016	11,035	93,893	85,204		
Defense aircraft and parts	4,366	4,560	4,415				4,309	3,822	4,985	4,899	35,049		-3.2	
Ships and boats Furniture and related products	2,399 5,807	2,442 5,798	2,396 5,727	-1.8 0.2		8.2 2.1	2,369 6,279	2,278 5,891	2,620 5,884	2,438 6,145	18,746 45,795			
Miscellaneous durable goods	14,631	14,543	14,431	0.6			14,274	13,935	15,305	13,911	114,457	108,364		
Nondurable goods industries	257,248	258,293	260,369	-0.4	-0.8	0.4	264,832	260,781	264,249	266,195	2,071,530	2,051,164	1.0	
Food products	66,169	66,116	65,972	0.1			66,621	64,222	64,787	62,947	517,786		6.0	
Grain and oilseed milling	7,682	7,647	7,733	0.5		-1.1	7,758	7,441	7,148	8,211	60,428	63,687	-5.1	
Dairy products	9,739		9,683	-0.3			9,843	9,780	9,589	8,699	76,458	67,384		
Meat, poultry, and seafood products Beverage and tobacco products	20,171 12,288	20,490 12,252	20,460 12,027	-1.6 0.3		2.3 1.8	20,492 12,656	20,262 12,450	20,824 12,807	18,610 12,560	158,916 95,451	142,407 95,639	11.6 -0.2	
Beverages	8,767	8,690	8,700	0.9		1.2	9,135	8,888	9,480	9,127	69,605			
Tobacco	3,521	3,562	3,327	-1.2		3.5	3,521	3,562	3,327	3,433	25,846	26,256		
Textile mills Textile products	2,666 2,053	2,725 2,074	2,710 2,122	-2.2 -1.0		0.9 3.2	2,794 2,159	2,670 2,092	2,859 2,264	2,815 2,176	21,742 16,642	21,231 16,648	2.4 0.0	
Apparel	1,177	1,241	1,251	-5.2		2.5	1,284	1,278	1,183	1,241	9,119			
Leather and allied products	504	497	499	1.4		2.3	514	486	534	478	3,959	3,841	3.1	
Paper products Pulp, paper, and paperboard mills	14,528 6,873	14,504 6,839	14,424 6,791	0.2 0.5		-1.3 -0.7	14,960 7,125	14,745 6,980	14,693 6,861	14,853 6,953	115,462 54,173	114,189 53,470		
Paperboard containers	4,467	4,456	4,410	0.2	1.0	-1.1	4,573	4,623	4,531	4,566	35,532	34,782	2.2	
Printing	6,426	6,546	6,568	-1.8			6,464	6,241	6,304	6,532	50,841	51,554		
Petroleum and coal products Petroleum refineries	69,282 65,614	70,263 66,663	72,888 69,329	-1.4 -1.6			74,395 70,020	74,144 69,959	74,232 70,088	78,554 74,339	578,548 549,571	585,415 557,151	-1.2 -1.4	
Chemical products	63,171	63,036	62,938	0.2		0.5	63,454	63,233	64,769	64,572	508,639		-1.4	
Pesticides, fertilizers, and other														
agricultural chemicalsPharmaceuticals and medicines	2,801 14,500	2,945 14,302	2,907 14,854	-4.9 1.4	1.3 -3.7	3.7 -0.2	2,234 14,343	2,438 14,170	2,955 15,030	2,160 15,614	24,336 117,914	23,229 122,947	4.8 -4.1	
Paints, coatings, and adhesives	3,100	3,096	3,102	0.1	-0.2	1.2	3,252	3,384	3,417	3,290	25,604	25,318	1.1	
Plastics and rubber products	18,984	19,039	18,970	-0.3	0.4	-0.7	19,531	19,220	19,817	19,467	153,341	149,522	2.6	

Preliminary 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.

See note at end of Table 2 relating to survey error and revision.

² Estimates and percent changes of shipments for the semiconductor industry are no longer shown separately, but are included in computers and electronic products, and all other applicable aggregate totals.

Table 2. Value of Manufacturers' New Orders for Industry Groups¹

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]														
		;	Seasonally	Adjusted			Not Seasonally Adjusted							
	Monthly			Pei	cent Chan	ge		Mon	thly		Year to date			
Industry	Aug. 2014 ^p	July 2014 ^r	June 2014	July - Aug.	June - July	May - June	Aug. 2014 ^p	July 2014 ^r	June 2014	Aug. 2013	2014 ^p	2013	% Change 2014/ 2013	
All manufacturing industries ²	502,007	558,155	505,210	-10.1	10.5	1.5	503,258	543,697	527,512	488,949	4,014,809	3,849,083	4.3	
Excluding transportation ²	425,474	425,784	428,809	-0.1	-0.7	1.4	431,227	423,124	442,571	422,820	3,388,082	3,305,779	2.5	
Excluding defense ²	491,203	547,735	492,109	-10.3	11.3	1.5	495,143	535,996	509,197	480,246	3,926,038	3,769,266	4.2	
With unfilled orders ²	180,488	233,140	181,134	-22.6	28.7	4.0	172,888	221,810	194,800	157,869	1,435,700	1,308,821	9.7	
Durable goods industries ²	244,759	299,862	244,841	-18.4	22.5	2.7	238,426	282,916	263,263	222,754	1,943,279	1,797,919	8.1	
Primary metals	27,546	27,896	27,996	-1.3	-0.4	2.0	27,418	27,638	28,220	25,721	219,722	206,602	6.4	
Iron and steel mills	11,045	11,425	11,802	-3.3	-3.2	3.6	10,700	11,260	11,823	10,449	90,718	87,202	4.0	
Aluminum and nonferrous metals	14,711	14,690	14,436	0.1	1.8	1.1	14,916	14,706	14,570	13,591	114,574	105,611	8.5	
Ferrous metal foundries	1,790	1,781	1,758	0.5	1.3	-1.1	1,802	1,672	1,827	1,681	14,430	13,789	4.6	
Fabricated metal products	30,674	30,673	30,715	0.0	-0.1	2.5	31,318	30,362	31,139	30,798	242,047	242,841	-0.3	
Machinery	38,132	37,780	38,323	0.9	-1.4		36,763	36,230	40,214	33,863	300,207	278,801	7.7	
Construction machinery Mining, oil field, and	5,141	4,863	5,185	5.7	-6.2	-5.5	4,762	4,220	4,908	4,507	41,342	36,995	11.8	
gas field machinery	2.496	2.148	2,013	16.2	6.7	0.5	2.300	2,218	2,304	2.521	18,289	18.968	-3.6	
Industrial machinery	6,021	5,684	4,825	5.9	17.8		5,892	5,371	5,221	3,689	39,255	29,399	33.5	
Photographic equipment	770	720	545	6.9	32.1	-15.5		732	507	735	5,340	5,835	-8.5	
Ventilation, heating, air-conditioning,											2,2 . 2	0,000		
and refrigeration equipment	3,914	3,773	3,758	3.7	0.4	-0.7	4,105	3,875	4,834	3,758	31,229	29,668	5.3	
Metalworking machinery	3,379	3,314	3,230	2.0	2.6	4.7	3,232	3,249	3,304	3,118	25,092	23,561	6.5	
Turbines, generators, and other														
power transmission equipment	3,932	4,606	5,015	-14.6				4,465	5,368	4,087	34,602	33,251	4.1	
Material handling equipment	3,252	3,227	3,440	0.8	-6.2		3,262	2,918	3,391	2,729	24,845	22,935	8.3	
Computers and electronic products ²	22,845	22,504	22,688	1.5	-0.8		20,848	19,562	26,352	18,824	171,151	163,867	4.4	
Computers	497	586	688	-15.2	-14.8	-15.7	443	482	866	414	3,915	4,113	-4.8	
Nondefense communications														
equipment	3,842	3,817	3,393	0.7	12.5		3,611	3,113	3,697	3,458	29,264	30,785	-4.9	
Defense communications equipment	486 3,582	363 3,744	368 3,766	33.9 -4.3	-1.4 -0.6	7.3 5.1	466 3,688	279 3,838	419	334 3,442	2,839 28,679	2,881 27,802	-1.5 3.2	
Electronic components Nondefense search and navigation	3,362	3,744	3,700	-4.3	-0.6	5.1	3,000	3,030	4,011	3,442	28,679	27,802	3.2	
equipment	1,785	1,728	1,900	3.3	-9.1	8.4	1,667	1,588	2,184	1,577	13,771	12,863	7.1	
Defense search and navigation	1,1.00	.,.20	1,000	0.0	0	0	1,001	.,000	2,.0.	.,0	.0,	.2,000		
equipment	2,891	2,732	3,054	5.8	-10.5	2.7	2,464	2,241	3,615	1,984	21,236	19,578	8.5	
Electromedical, measuring,							,	·	·					
and control instruments	7,303	6,965	6,828	4.9	2.0	4.0	6,461	6,186	8,014	5,439	53,052	48,856	8.6	
Electrical equipment, appliances,														
and components	10,800	10,590	10,918	2.0	-3.0			10,000	11,911	10,364	84,809	83,367	1.7	
Electric lighting equipment	890	898	879	-0.9	2.2	-0.8	863	847	915	828	6,865	6,464	6.2	
Household appliances	1,832	1,869	1,832	-2.0	-		,	1,806	1,870	1,736	14,087	13,202	6.7	
Electrical equipment	3,439	3,519	3,507	-2.3	0.3	3.7	3,360	3,378	4,024	3,450	27,959	27,450	1.9	
Transportation equipment	76,533	132,371	76,401	-42.2	73.3	2.2	72,031	120,573	84,941	66,129	626,727	543,304	15.4	
and trailers	21,551	22,789	21,247	-5.4	7.3	0.9	22,389	19,705	22,014	21,054	169,177	154,579	9.4	
Nondefense aircraft and parts	17,961	69,976	16,836	-74.3	315.6		14,004	69,225	18,041	8,449	162,612	108,326		
Defense aircraft and parts	4,003	3,994	5,931	0.2	-32.7	9.5	2,711	3,226	7,451	3,268	33,040	28,730	15.0	
Ships and boats	2,391	2,444	1,197	-2.2	104.2	-39.0		1,859	2,262	1,636	20,975	15,078		
Furniture and related products	5,883	5,800	5,802	1.4	0.0			5,860	5,934	5,691	46,464	45,244	2.7	
Nondurable goods industries	257,248	258,293	260,369	-0.4	-0.8	0.4	264,832	260,781	264,249	266,195	2,071,530	2,051,164	1.0	

^p Preliminary Revised data due to late receipts and concurrent seasonal adjustment.

Note: 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/>.

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.

² Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new orders exclude semiconductor industry data.

Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups¹

Lestimates are shown in millions of do	nais and a		Seasonally A		acturers c	mpmeme	Not Seasonally Adjusted						
		Monthly		Pe	rcent Chan	ge		Mon	ithly		% Change		
Industry	Aug. 2014 ^p	July 2014 ^r	June 2014	July - Aug.	June - July	May - June	Aug. 2014 ^p	July 2014 ^r	June 2014	Aug. 2013	Aug. 2014/ 2013		
All manufacturing industries ²	1,164,463	1,157,460	1,099,238	0.6	5.3	1.0	1,155,871	1,158,507	1,102,290	1,022,797	13.0		
Excluding transportation ²	422,699	419,708	417,415	0.7	0.5	1.3	420,857	421,946	421,178	395,284	6.5		
Excluding defense ²	975,206	967,182	907,541	0.8	6.6	1.1	967,613	966,744	907,821	826,937	17.0		
Durable goods industries ²	1,164,463	1,157,460	1,099,238	0.6	5.3	1.0	1,155,871	1,158,507	1,102,290	1,022,797	13.0		
Primary metals	39,109	39,233	38,919	-0.3	0.8	2.4	38,522	39,427	39,174	34,801	10.7		
Iron and steel mills	19,579	19,820	19,786	-1.2	0.2	3.4	19,219	19,995	19,984	17,168	11.9		
Aluminum and nonferrous metals	15,221	15,128	14,840	0.6	1.9	2.0	15,000	15,175	14,893	13,500	11.1		
Ferrous metal foundries	4,309	4,285	4,293	0.6	-0.2	-0.5	4,303	4,257	4,297	4,133			
Fabricated metal products	86,770	86,399	85,987	0.4	0.5	0.6	87,114	87,520	87,299	89,628			
Machinery	120,603	119,356	118,502	1.0	0.7	2.2	119,936	119,508	119,289	106,791	12.3		
Construction machinery	16,884	16,325	16,082	3.4	1.5	4.6	16,352	16,029	16,314	9,908	65.0		
Mining, oil field, and gas field machinery	14,116	13,927	14.172	1.4	-1.7	-1.6	14.190	14,166	14,256	14,295	-0.7		
Industrial machinery	8,593	8,605	8,638	-0.1	-0.4	-0.1	8,662	8,800	8,842	7,947	9.0		
Photographic equipment	3,891	3,797	3,790	2.5	0.2	-3.6		3,835	3,769	3,999			
Ventilation, heating, air-conditioning,	3,091	3,191	3,790	2.5	0.2	-3.0	3,930	3,033	3,769	3,999	-1.0		
and refrigeration equipment	6,487	6,244	6,172	3.9	1.2	1.0	6,388	6,192	6,427	5,019	27.3		
Metalworking machinery	6,236	6,027	5,890	3.5	2.3	0.5	6,125	5,978	5,865	5,867	4.4		
Turbines, generators, and other													
power transmission equipment	29,031	29,384	28,878	-1.2	1.8	3.6	28,917	29,426	28,894	26,795			
Material handling equipment	11,808	11,525	11,302	2.5	2.0	4.6	11,735	11,544	11,522	10,666	10.0		
Computers and electronic products ²	143,828	142,545	141,821	0.9	0.5	0.6	143,020	142,645	142,320	134,488	6.3		
Computers	3,912	3,835	3,707	2.0	3.5	5.5	3,912	3,835	3,707	3,345	17.0		
Nondefense communications													
equipment	35,100	34,625	34,191	1.4	1.3	-0.2	34,747	34,430	34,214	29,462	17.9		
Defense communications equipment	3,523	3,404	3,508	3.5	-3.0	0.2	3,496	3,394	3,552	3,997	-12.5		
Electronic components Nondefense search and navigation	12,860	12,862	12,865	0.0	0.0	0.4	12,954	12,873	12,812	12,913	0.3		
equipment	20,742	20,354	19,981	1.9	1.9	2.7	20,844	20,544	20,181	16,937	23.1		
Defense search and navigation equipment	41,138	41,228	41,387	-0.2	-0.4	0.3	40,903	41,308	41,596	42,482	-3.7		
Electromedical, measuring,													
and control instruments	26,553	26,237	26,182	1.2	0.2	0.3	26,164	26,261	26,258	25,352	3.2		
Electrical equipment, appliances,													
and components	24,692	24,541	24,556	0.6	-0.1	2.1	24,694	24,821	25,042	22,318			
Electric lighting equipment	1,150	1,154	1,140	-0.3	1.2	0.4	1,152	1,162	1,170	1,197			
Household appliances	896	865	879	3.6	-1.6	4.1	817	841	853	713			
Electrical equipment	12,212	12,151	12,018	0.5	1.1	1.0	12,287	12,353	12,191	11,451	7.3		
Transportation equipment Motor vehicle bodies, parts,	741,764	737,752	681,823	0.5	8.2	0.8	735,014	736,561	681,112	627,513	17.1		
and trailers	17,084	16,870	16,779	1.3	0.5	0.8	16,830	16,512	16,782	16,347	3.0		
Nondefense aircraft and parts	570,059	565,320	508,738	0.8	11.1	0.8	564,427	563,240	505,737	454,478	24.2		
Defense aircraft and parts	63,548	63,911	64,477	-0.6	-0.9	2.4	62,502	64,100	64,696	64,866	-3.6		
Ships and boats	20,036	20,044	20,042	0.0	0.0	-5.6	20,342	20,752	21,171	20,193			
Furniture and related products	6,596	6,520	6,518	1.2	0.0	1.2	6,470	6,911	6,942	6,175			

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.

² Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled orders exclude semiconductor industry data. See note at end of Table 2 relating to survey error and revision.

Table 4. Value of Manufacturers' Inventories for Industry Groups¹

			Seasonally A				Not Seasonally Adjusted						
		Monthly		Pe	rcent Chan	ge		Mon	thly		% Change		
Industry	Aug. 2014 ^p	July 2014 ^r	June 2014	July - Aug.	June - July	May - June	Aug. 2014 ^p	July 2014 ^r	June 2014	Aug. 2013	Aug. 2014/ 2013		
All manufacturing industries	653,917	653,068	652,952	0.1	0.0	0.2	658,128	656,295	648,157	635,043	3.6		
Excluding transportation	524,021	523,745	524,023	0.1 0.1	-0.1	0.0 0.1	527,115	525,687	520,287	516,487	2.1 3.4		
Excluding defense With unfilled orders	624,572 331,069	623,871 329,341	623,573 327,562	0.1	0.0 0.5	0.1	628,839 334,638	626,949 332,515	618,794 325,930	607,912 313,575	5.4 6.7		
Durable goods industries	403,084	401,361	399,598	0.4	0.4	0.4	406,946	404,423	397.053	382,723	6.3		
· ·	10,699	10,684	10,668	0.1	0.1	0.8	10,606	10,512	10,467	9,847	7.7		
Wood products Nonmetallic mineral products	12,004	12,064	12,234	-0.5	-1.4	0.6	11,952	12,122	12,391	11,676	2.4		
Primary metals	37,116	36,827	36,431	0.8	1.1	0.6	37,407	36,932	36,439	35,068	6.7		
Iron and steel mills Aluminum and nonferrous metals	21,382 13,453	21,132 13,418	20,951 13,205	1.2 0.3	0.9 1.6	0.9 0.2	21,550 13,571	21,170 13,516	21,012 13,191	20,142 12,684	7.0 7.0		
Ferrous metal foundries	2,281	2,277	2,275	0.2	0.1	1.1	2,286	2,246	2,236	2,242	2.0		
Fabricated metal products	49,897	49,646	49,329	0.5	0.6	0.5	50,153	50,186	49,340	47,644	5.3		
Machinery Farm machinery	67,425 3,853	67,326 3,960	67,149 4,018	0.1 -2.7	0.3 -1.4	0.6 2.8	68,256 3,677	67,641 3,850	66,408 4,041	66,507 3,712	2.6 -0.9		
Construction machinery	5,096	5,076	4,997	0.4	1.6	4.0	5,043	5,013	4,982	5,237	-3.7		
Mining, oil field,	6,470	6,547	6,474	-1.2	1.1	-6.8	6,561	6,614	6,487	7,331	-10.5		
and gas field machineryIndustrial machinery	6,470 6,777	6,758	6,737	0.3	0.3	-0.8 1.1	6,842	6,714	6,734	6,321	-10.5 8.2		
Photographic equipment	1,573	1,526	1,522	3.1	0.3	0.4	1,623	1,554	1,496	1,689	-3.9		
Ventilation, heating, air-conditioning, and refrigeration equipment	5,118	5,048	4,988	1.4	1.2	1.3	5,207	5,167	5,046	4,897	6.3		
Metalworking machinery	5,629	5,629	5,603	0.0	0.5	0.9	5,770	5,714	5,620	5,629	2.5		
Turbines, generators, and other	40.000	40 757	40 740	4.0			44.400	44.005	40.000	40 700			
power transmission equipment Material handling equipment	10,883 4,714	10,757 4,694	10,748 4,683	1.2 0.4	0.1 0.2	0.0 0.7	11,429 4,859	11,005 4,809	10,229 4,683	10,739 4,637	6.4 4.8		
Computers and electronic products ²	48,685	48,446	48,459	0.5	0.0	-0.5	49,611	48,968	47,861	47,289	4.9		
Computers	910	917	895	-0.8	2.5	0.2	976	944	883	1,002	-2.6		
Computer storage devices Other peripheral equipment	2,077 1,677	2,088 1,697	1,997 1,706	-0.5 -1.2	4.6 -0.5	2.8 -2.4	2,169 1,736	2,135 1,724	1,851 1,663	2,061 1,685	5.2 3.0		
Nondefense communications													
equipment Defense communications equipment	6,546 1,075	6,499 1,163	6,600 1,198	0.7 -7.6	-1.5 -2.9	-0.2 1.1	6,634 1,075	6,469 1,163	6,505 1,198	6,255 1,258	6.1 -14.5		
Audio and video equipment	859	846	811	1.5	4.3	1.8	929	857	755	721	28.8		
Electronic components	8,971	8,857	8,878	1.3	-0.2	1.1	8,996	8,960	8,680	8,089	11.2		
Nondefense search and navigation equipment	3,794	3,791	3,782	0.1	0.2	1.3	3,849	3,822	3,729	3,650	5.5		
Defense search and navigation													
equipment	3,267	3,233	3,168	1.1	2.1	0.5	3,296	3,307	3,191	2,841	16.0		
Electromedical, measuring and control instruments	13,030	12,894	12,791	1.1	0.8	0.1	13,324	13,088	12,724	12,663	5.2		
Electrical equipment, appliances,													
and components Electric lighting equipment	16,772 2,281	16,636 2,271	16,199 2,266	0.8 0.4	2.7 0.2	-2.4 0.0	16,934 2,314	16,839 2,356	16,177 2,269	16,932 2,128	0.0 8.7		
Household appliances	2,024	2,004	2,000	1.0	0.2	0.7	2,073	2,049	1,998	1,833	13.1		
Electrical equipment	4,825	4,808	4,775	0.4	0.7	-0.4	4,866	4,866	4,703	4,930	-1.3		
Batteries Transportation equipment	1,193 129,896	1,213 129,323	1,208 128,929	-1.6 0.4	0.4 0.3	2.6 0.9	1,234 131,013	1,227 130,608	1,200 127,870	1,209 118,556	2.1 10.5		
Automobiles	2,869	2,840	2,726	1.0	4.2	5.3	2,844	2,856	2,546	2,566	10.8		
Light trucks and utility vehicles Heavy duty trucks	2,744 1,554	2,783 1,548	2,833 1,615	-1.4 0.4	-1.8 -4.1	1.0 -3.6	2,773 1,541	2,813 1,513	2,615 1,573	2,441 1,742	13.6 -11.5		
Motor vehicle bodies, parts,	1,554	1,540	1,013	0.4	-4.1	-5.0	1,541	1,515	1,575	1,742	-11.5		
and trailers	19,689	19,496	19,416	1.0	0.4	0.9	19,845	19,670	19,161	18,701	6.1		
Nondefense aircraft and parts Defense aircraft and parts	73,116 14,593	73,024 14,421	72,478 14,199	0.1 1.2	0.8 1.6	0.4 -0.2	73,906 14,642	73,865 14,546	72,266 14,221	65,204 13,498	13.3 8.5		
Ships and boats	2,274	2,306	2,384	-1.4	-3.3	3.9	2,244	2,257	2,384	2,355	-4.7		
Furniture and related products	6,288 24,302	6,244	6,214	0.7 0.6	0.5 0.7	0.5 0.5	6,420 24,594	6,425 24,190	6,381 23,719	6,117 23,087	5.0 6.5		
Miscellaneous durable goods	·	24,165	23,986						·	· ·			
Nondurable goods industries	250,833	251,707	253,354	-0.3	-0.7	-0.2	251,182	251,872	251,104	252,320	-0.5		
Food products	47,541	47,625	47,552 4,990	-0.2 -1.0	0.2	0.6 -0.8	47,944	47,009	46,152	47,667	0.6 -5.0		
Grain and oilseed milling Dairy products	4,863 6,552	4,914 6,444	6,420	-1.0 1.7	-1.5 0.4	-0.8 2.1	4,707 6,738	4,679 6,703	4,794 6,694	4,957 6,214	-5.0 8.4		
Meat, poultry, and seafood products	9,387	9,398	9,402	-0.1	0.0	0.3	9,509	9,415	9,221	9,227	3.1		
Beverage and tobacco products Beverages	20,754 16,678	20,767 16,605	20,846 16,617	-0.1 0.4	-0.4 -0.1	0.8 1.0	20,032 16,192	20,057 16,095	20,281 16,234	19,671 15,760	1.8 2.7		
Tobacco	4,076	4,162	4,229	-2.1	-1.6	0.1	3,840	3,962	4,047	3,911	-1.8		
Textile mills	3,467	3,457	3,433	0.3	0.7	-0.4	3,482	3,482	3,472	3,363	3.5		
Textile products	3,158 2,743	3,152 2,745	3,131 2,700	0.2 -0.1	0.7 1.7	-0.7 2.2	3,168 2,908	3,159 2,905	3,151 2,732	3,072 2,326	3.1 25.0		
Leather and allied products	1,062	1,067	1,070	-0.5	-0.3	1.0	1,090	1,087	1,081	1,083	0.6		
Paper products	14,576	14,572	14,547	0.0	0.2	0.8	14,662	14,607	14,490	14,556	0.7		
Pulp, paper, and paperboard mills Paperboard containers	6,019 4,385	6,030 4,382	6,072 4,352	-0.2 0.1	-0.7 0.7	0.9 0.5	6,057 4,381	6,041 4,368	6,045 4,325	6,162 4,164	-1.7 5.2		
Printing	5,851	5,866	5,858	-0.3	0.1	-0.1	6,077	6,015	5,856	5,714	6.4		
Petroleum and coal products	47,521 43,605	48,400 44,601	49,989 46,254	-1.8 -2.0	-3.2	-0.4 -0.4	47,636 43,766	48,910 45,051	49,234	50,072	-4.9 -5.7		
Petroleum refineries	43,695 81,592	44,601 81,567	46,254 81,805	-2.0 0.0	-3.6 -0.3	-0.4 -0.7	43,766 81,751	45,051 82,187	45,472 82,192	46,426 82,498	-5.7 -0.9		
Pesticides, fertilizers, and other								·					
agricultural chemicalsPharmaceuticals and medicines	4,353 30,894	4,319 31,091	4,336 31,388	0.8 -0.6	-0.4 -0.9	-1.7 -1.2	4,044 30,928	4,006 31,403	3,994 31,993	3,916 31,712	3.3 -2.5		
Paints, coatings, and adhesives	3,376	3,385	3,368	-0.8	0.5	0.2	3,376	3,454	3,445	3,244	4.1		
Plastics and rubber products	22,568	22,489	22,423	0.4	0.3	-1.7	22,432	22,454	22,463	22,298	0.6		

^p Preliminary ^rRevised 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.

2 Estimates of inventories for the semiconductor industry data are included in computers and electronic products and all other applicable aggregate totals, but are not shown separately.

See note at end of Table 2 relating to survey error and revision.

Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series^{1, 2}

-	Seasonally Adjusted								Not	Seasonally	Adjusted		
		Monthly		Per	cent Cha	nge		Mon	thly		Year t	o date	
Industry	Aug. 2014 ^p	July 2014 ^r	June 2014	July - Aug.	June - July	May - June	Aug. 2014 ^p	July 2014 ^r	June 2014	Aug. 2013	2014 ^p	2013	% Change ⁶ 2014/ 2013
SHIPMENTS													
All manufacturing industries	503,106	508,108	501,319	-1.0	1.4	0.8	513,768	497,821	522,242	504,328	3,980,630	3,872,026	2.8
Construction materials and supplies Information technology Computers and related products Motor vehicle and parts	46,156 22,211 2,157 47,397	46,144 22,191 2,315 50,813	45,720 22,106 2,452 46,167	0.0 0.1 -6.8 -6.7	0.9 0.4 -5.6 10.1	1.5 1.8 5.1 -1.2	49,570 21,244 1,738 48,904	48,625 19,535 1,584 42,884	50,217 25,852 3,537 48,528	46,957 20,596 2,008 48,604	363,506 169,154 16,730 371,699	346,999 166,078 16,838 356,044	4.8 1.9 -0.6 4.4
Capital goods	89,389 79,709 70,372 9,680	89,195 79,602 70,307 9,593	87,528 78,117 68,937 9,411	0.2 0.1 0.1 0.9	1.9 1.9 2.0 1.9	2.6 3.1 1.0 -0.9	87,906 78,338 69,104 9,568	83,116 74,661 66,549 8,455	96,679 86,540 75,788 10,139	83,484 73,265 65,374 10,219	682,423 607,860 543,168 74,563	655,342 578,761 520,057 76,581	4.1 5.0 4.4 -2.6
Consumer goods	211,426 37,323 174,103	214,382 39,458 174,924	214,022 36,226 177,796	-1.4 -5.4 -0.5	0.2 8.9 -1.6	0.0 -2.2 0.5	217,636 37,853 179,783	209,857 33,310 176,547	216,697 38,079 178,618	219,830 38,353 181,477	1,697,017 292,543 1,404,474	1,673,737 286,965 1,386,772	1.4 1.9 1.3
NEW ORDERS													
All manufacturing industries ⁵	502,007	558,155	505,210	-10.1	10.5	1.5	503,258	543,697	527,512	488,949	4,014,809	3,849,083	4.3
Construction materials and supplies Information technology Computers and related products Motor vehicle and parts	46,684 23,653 2,234 47,611	46,649 22,777 2,443 50,904	46,337 23,180 2,646 46,296	0.1 3.8 -8.6 -6.5	0.7 -1.7 -7.7 10.0	1.6 4.5 -1.2 -1.2	49,572 21,612 1,815 49,222	49,033 19,502 1,712 42,614	50,293 26,978 3,731 48,514	46,624 19,488 1,929 48,586	369,102 176,065 17,253 372,013	348,662 170,865 16,956 355,606	5.9 3.0 1.8 4.6
Capital goods Nondefense capital goods ³ Excluding aircraft Defense capital goods ⁴	95,405 86,647 73,096 8,758	144,635 136,323 72,836 8,312	94,856 84,734 72,944 10,122	-34.0 -36.4 0.4 5.4	52.5 60.9 -0.1 -17.9	4.9 5.1 5.4 4.0	87,149 80,314 69,587 6,835	136,223 130,082 67,793 6,141	105,830 91,407 78,528 14,423	77,183 70,106 64,697 7,077	761,230 689,255 564,210 71,975	684,686 619,896 539,653 64,790	11.2 11.2 4.6 11.1
Consumer goods Consumer durable goods Consumer nondurable goods	211,463 37,360 174,103	214,313 39,389 174,924	214,152 36,356 177,796	-1.3 -5.2 -0.5	0.1 8.3 -1.6	0.0 -2.2 0.5	217,417 37,634 179,783	209,844 33,297 176,547	216,621 38,003 178,618	219,697 38,220 181,477	1,697,099 292,625 1,404,474	1,673,912 287,140 1,386,772	1.4 1.9 1.3
UNFILLED ORDERS													
All manufacturing industries ⁵	1,164,463	1,157,460	1,099,238	0.6	5.3	1.0	1,155,871	1,158,507	1,102,290	1,022,797	(X)	(X)	13.0
Construction materials and supplies Information technology Computers and related products Motor vehicle and parts	56,331 145,293 3,912 17,084	55,803 143,851 3,835 16,870	55,298 143,265 3,707 16,779	0.9 1.0 2.0 1.3	0.9 0.4 3.5 0.5	1.1 0.8 5.5 0.8	56,497 144,440 3,912 16,830	56,495 144,072 3,835 16,512	56,087 144,105 3,707 16,782	51,331 134,531 3,345 16,347	(X) (X) (X) (X)	(X) (X) (X) (X)	10.1 7.4 17.0 3.0
Capital goods Nondefense capital goods ³ Excluding aircraft Defense capital goods ⁴	889,892 731,602 250,917 158,290	883,876 724,664 248,193 159,212	828,436 667,943 245,664 160,493	0.7 1.0 1.1 -0.6	6.7 8.5 1.0 -0.8	0.9 1.0 1.7 0.4	883,252 725,266 249,687 157,986	884,009 723,290 249,204 160,719	830,902 667,869 247,960 163,033	770,558 604,406 227,435 166,152	(X) (X) (X) (X)	(X) (X) (X) (X)	14.6 20.0 9.8 -4.9
Consumer goods	4,872 4,872	4,835 4,835	4,904 4,904	0.8 0.8	-1.4 -1.4	2.7 2.7	4,615	4,834 4,834	4,847 4,847	4,248 4,248	(X)	(X) (X)	8.6 8.6
Consumer durable goods TOTAL INVENTORIES	4,072	4,035	4,904	0.6	-1.4	2.7	4,615	4,034	4,047	4,240	(X)	(^)	0.0
All manufacturing industries	653,917	653,068	652,952	0.1	0.0	0.2	658,128	656,295	648,157	635,043	(X)	(X)	3.6
Construction materials and supplies	64,871	64,642	64,623	0.4	0.0	0.4	64,982	65,073	64,639	61,837	(X)	(X)	5.1
Information technology Computers and related products Motor vehicle and parts	41,470 4,664 26,856	41,207 4,702 26,667	40,632 4,598 26,590	0.6 -0.8 0.7	1.4 2.3 0.3	-0.8 0.3 1.1	42,273 4,881 27,003	41,613 4,803 26,852	40,209 4,397 25,895	40,863 4,748 25,450	(X) (X) (X)	(X) (X) (X)	3.5 2.8 6.1
Capital goods	207,840 183,908 122,830 23,932	207,237 183,434 122,325 23,803	205,732 181,719 121,492 24,013	0.3 0.3 0.4 0.5	0.7 0.9 0.7 -0.9	0.3 0.1 0.0 1.8	210,445 186,618 124,759 23,827	208,915 185,088 123,192 23,827	204,687 180,712 120,369 23,975	196,628 174,666 120,992 21,962	(X) (X) (X) (X)	(X) (X) (X) (X)	7.0 6.8 3.1 8.5
Consumer goods	188,855 27,083 161,772	189,953 27,003 162,950	191,634 26,833 164,801	-0.6 0.3 -0.7	-0.9 0.6 -1.1	0.2 1.2 0.0	189,208 27,312 161,896	189,660 27,029 162,631	188,765 26,078 162,687	189,032 24,961 164,071	(X) (X) (X)	(X) (X) (X)	0.1 9.4 -1.3

X Not Applicable Preliminary

See note at end of Table 2 relating to survey error and revision.

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.

² Topical series are regroupings of the separate industry categories.

³ Nondefense capital goods industries include: 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, 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.

⁴Defense capital goods industries include: small arms and ordnance; communications equipment; aircraft; missiles, space vehicles, and parts; ships and boats; and search and navigation equipment.

⁵ Estimates and percent changes exclude semiconductor industry data.

⁶ Based on year-to-date for shipments and new orders, but on same month prior year for unfilled orders and inventories.

Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group¹

			Seasonally A	djusted				Not S	easonally Adj	usted	
		Monthly		Pe	rcent Chan	ge		Mor	ithly		% Change
Industry	Aug. 2014 ^p	July 2014 ^r	June 2014	July - Aug.	June - July	May - June	Aug. 2014 ^p	July 2014 ^r	June 2014	Aug. 2013	Aug. 2014/ 2013
MATERIALS AND SUPPLIES											
All manufacturing industries	211,708	212,137	211,415	-0.2	0.3	0.0	212,395	212,937	208,957	204,805	3.7
Durable goods industries	131,640	131,532	130,422	0.1	0.9	0.4	132,760	132,258	128,692	125,381	5.9
Wood products	4,077 4,415	4,089 4,463	4,063 4,576	-0.3 -1.1	0.6 -2.5	1.9 0.8	4,102 4,408	4,008 4,485	3,833 4,594	3,844 4,430	6.7 -0.5
Nonmetallic mineral products Primary metals	14,299	14,364	14,076	-0.5	2.0	0.8	14,431	14,379	13,981	14,145	2.0
Fabricated metal products	18,139	18,014	17,956	0.7	0.3	0.3	18,248	18,214	17,849	17,321	5.4
Machinery Computers and electronic products	25,627 19,648	25,460 19,642	25,242 19,390	0.7 0.0	0.9 1.3	-0.7 0.1	26,034 19,813	25,850 19,820	25,078 19,095	24,644 18,322	5.6 8.1
Electrical equipment, appliances,											
and components Transportation equipment	6,817 27,960	6,759 28,133	6,489 28,127	0.9 -0.6	4.2 0.0	-3.9 2.1	6,883 28,081	6,843 27,957	6,536 27,215	7,215 25,416	-4.6 10.5
Furniture and related products	3,037	3,044	3,039	-0.2	0.2	1.8	3,061	3,100	3,079	2,831	8.1
Miscellaneous products	7,621	7,564	7,464	0.8	1.3	2.3	7,699	7,602	7,432	7,213	6.7
Nondurable goods industries	80,068	80,605	80,993	-0.7	-0.5	-0.5	79,635	80,679	80,265	79,424	0.3
Food products Beverage and tobacco products	16,509 5,036	16,398 5,187	16,582 5,285	0.7 -2.9	-1.1 -1.9	0.7 0.4	16,240 4,852	16,216 4,999	16,095 5,150	15,954 5,139	1.8 -5.6
Textiles	1,213	1,213	1,216	0.0	-0.2	-0.7	1,220	1,228	1,242	1,227	-0.6
Textile products	1,320 915	1,321 908	1,313 882	-0.1 0.8	0.6 2.9	-0.2 2.7	1,323 930	1,332 920	1,326 896	1,221 735	8.4 26.5
Leather and allied products	312	305	300	2.3	1.7	-1.0	316	310	302	318	-0.6
Paper products Printing	6,989 2,486	6,988 2,539	6,962 2,535	0.0 -2.1	0.4 0.2	0.7 -1.1	6,959 2,538	6,962 2,597	6,870 2,524	6,788 2,516	2.5 0.9
Petroleum and coal products	12,115	12,722	12,875	-2.1 -4.8	-1.2	-1.1 -1.1	12,054	12,814	12,788	13,230	-8.9
Chemical products	24,062	23,878	23,954	0.8	-0.3	-1.9	24,144	24,096	23,993	23,397	3.2
Plastics and rubber products	9,111	9,146	9,089	-0.4	0.6	-0.1	9,059	9,205	9,079	8,899	1.8
WORK IN PROCESS											
All manufacturing industries	214,922	213,472	213,372	0.7	0.0	0.5	215,242	214,470	211,818	201,734	6.7
Durable goods industries	162,090	160,935	160,527	0.7	0.3	0.7	163,890	162,985	160,297	152,122	7.7
Wood products Nonmetallic mineral products	2,014 1,393	2,019 1,387	2,050 1,400	-0.2 0.4	-1.5 -0.9	2.6 0.8	2,012 1,394	2,028 1,413	2,063 1,432	1,776 1,355	13.3 2.9
Primary metals	11,003	10,920	10,741	0.4	1.7	0.6	11,239	11,069	10,802	10,549	6.5
Fabricated metal products	14,058 19,621	14,009	13,838 19,964	0.3 0.7	1.2 -2.4	1.1 3.6	14,234	14,164 19,581	13,767	13,626 19,359	4.5 3.4
Machinery Computers and electronic products	16,060	19,479 16,241	16,274	-1.1	-2.4	-0.9	20,013 16,279	16,528	19,686 16,192	16,049	1.4
Electrical equipment, appliances,	0.704	0.050	0.500	0.0	4.0	0.0	0.700	0.070	0.574	0.775	0.0
and components Transportation equipment	3,724 89,398	3,652 88,466	3,588 87,993	2.0 1.1	1.8 0.5	-2.2 0.4	3,782 90,050	3,679 89,711	3,571 88,099	3,775 80,988	0.2 11.2
Furniture and related products	1,017	1,010	1,000	0.7	1.0	0.7	1,025	1,028	1,013	983	4.3
Miscellaneous products	3,802	3,752	3,679	1.3	2.0	-1.8	3,862	3,784	3,672	3,662	5.5
Nondurable goods industries Food products	52,832 5,044	52,537 5,116	52,845 4,991	0.6 -1.4	-0.6 2.5	-0.2 1.8	51,352 4,498	51,485 4,501	51,521 4,348	49,612 4,139	3.5 8.7
Beverage and tobacco products	7,375	7,237	7,200	1.9	0.5	0.1	6,588	6,459	6,623	6,177	6.7
Textiles	784	781	765	0.4	2.1	0.0	797	792	768	739	7.8
Textile productsApparel	452 369	445 374	439 375	1.6 -1.3	1.4 -0.3	0.7 0.8	455 397	445 408	436 398	422 339	7.8 17.1
Leather and allied products	87	93	96	-6.5	-3.1	-1.0	86	93	90	100	-14.0
Paper products Printing	1,398 1,284	1,399 1,303	1,385 1,316	-0.1 -1.5	1.0 -1.0	0.1 0.9	1,414 1,392	1,415 1,350	1,389 1,237	1,438 1,354	-1.7 2.8
Petroleum and coal products	14,574	14,470	15,084	0.7	-4.1	-2.4	14,587	14,631	14,663	14,726	-0.9
Chemical products	18,767 2,698	18,662 2,657	18,551 2,643	0.6 1.5	0.6 0.5	1.2 -2.1	18,436 2,702	18,730 2,661	18,926 2,643	17,524 2,654	5.2 1.8
FINISHED GOODS	2,000	2,007	2,040	1.0	0.0	2.1	2,702	2,001	2,040	2,004	1.0
	227 227	227 450	220 405	0.4	0.0	0.0	220 404	220 000	227 202	220 504	0.0
All manufacturing industries	227,287	227,459	228,165	-0.1	-0.3	0.0	230,491	228,888	227,382	228,504	0.9
Durable goods industries Wood products	109,354 4,608	108,894 4,576	108,649 4,555	0.4 0.7	0.2 0.5	0.0 -0.9	110,296 4,492	109,180 4,476	108,064 4,571	105,220 4,227	4.8 6.3
Nonmetallic mineral products	6,196	6,214	6,258	-0.3	-0.7	0.3	6,150	6,224	6,365	5,891	4.4
Primary metals	11,814	11,543	11,614	2.3	-0.6	1.4	11,737	11,484	11,656	10,374	13.1
Fabricated metal products	17,700 22,177	17,623 22,387	17,535 21,943	0.4 -0.9	0.5 2.0	0.1 -0.6	17,671 22,209	17,808 22,210	17,724 21,644	16,697 22,504	5.8 -1.3
Computers and electronic products	12,977	12,563	12,795	3.3	-1.8	-0.7	13,519	12,620	12,574	12,918	4.7
Electrical equipment, appliances, and components	6,231	6,225	6,122	0.1	1.7	-0.9	6,269	6,317	6,070	5,942	5.5
Transportation equipment	12,538	12,724	12,809	-1.5	-0.7	1.2	12,882	12,940	12,556	12,152	6.0
Furniture and related products	2,234	2,190	2,175	2.0	0.7	-1.5	2,334	2,297	2,289	2,303	1.3
Miscellaneous products	12,879	12,849	12,843	0.2	0.0	0.1	13,033	12,804	12,615	12,212	6.7
Nondurable goods industries Food products	117,933 25,988	118,565 26,111	119,516 25,979	-0.5 -0.5	-0.8 0.5	-0.1 0.3	120,195 27,206	119,708 26,292	119,318 25,709	123,284 27,574	-2.5 -1.3
Beverage and tobacco products	8,343	8,343	8,361	0.0	-0.2	1.7	8,592	8,599	8,508	8,355	2.8
Textiles	1,470	1,463	1,452 1,379	0.5	0.8	-0.3	1,465	1,462	1,462	1,397	4.9 -2.7
Textile products	1,386 1,459	1,386 1,463	1,379 1,443	0.0 -0.3	0.5 1.4	-1.6 2.2	1,390 1,581	1,382 1,577	1,389 1,438	1,429 1,252	-2.7 26.3
Leather and allied products	663	669	674	-0.9	-0.7	2.3	688	684	689	665	3.5
Paper products Printing	6,189 2,081	6,185 2,024	6,200 2,007	0.1 2.8	-0.2 0.8	1.1 0.7	6,289 2,147	6,230 2,068	6,231 2,095	6,330 1,844	-0.6 16.4
Petroleum and coal products	20,832	21,208	22,030	-1.8	-3.7	1.4	20,995	21,465	21,783	22,116	-5.1
Chemical products	38,763 10,759	39,027 10,686	39,300 10,691	-0.7 0.7	-0.7 0.0	-0.9 -3.0	39,171 10,671	39,361	39,273	41,577 10,745	-5.8 -0.7
Plastics and rubber products	10,759	10,686	10,691	0.7	0.0	-3.0	10,671	10,588	10,741	10,745	-0.7

Preliminary 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.

See note at end of Table 2 relating to survey error and revisions.

Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group ¹

[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

	Inve	ntory/Ship	oments ra	tio	Unfilled Orders/Shipments ratio ²				
Industry	Aug 2014 ^p	Jul 2014 ^r	Jun 2014	May 2014	Aug 2014 ^p	Jul 2014 ^r	Jun 2014	May 2014	
All manufacturing industries ³	1.30	1.29	1.30	1.31	(X)	(X)	(X)	(X)	
Durable goods industries ³ . Wood products Nonmetallic mineral products Primary metals. Fabricated metal products Machinery Computers and electronic products ³ Electrical equipment, appliances, and components Transportation equipment Furniture and related products	1.64 1.24 1.32 1.34 1.65 1.83 1.64 1.57	1.61 1.25 1.31 1.34 1.64 1.82 1.62	1.66 1.25 1.35 1.35 1.64 1.88 1.67	1.28 1.36 1.35 1.66 1.86 1.71	6.71 (X) (X) 1.41 2.95 3.43 7.53 2.56 15.97	7.42 2.56 15.27	6.47 (X) (X) 1.44 2.95 3.53 7.43 2.61 14.91 1.35	6.52 (X) (X) 1.42 2.97 3.46 7.53 2.62 15.38 1.36	
Miscellaneous products	1.66	1.66	1.66	1.64	(X)	(X)	(X)	(X)	
Nondurable goods industries Food products. Beverage and tobacco products Textiles. Textile products. Apparel. Leather and allied products. Printing. Petroleum and coal products. Chemical products.	0.98 0.72 1.69 1.30 1.54 2.33 2.11 1.00 0.91 0.69 1.29	0.97 0.72 1.69 1.27 1.52 2.21 2.15 1.00 0.90 0.69 1.29	0.97 0.72 1.73 1.27 1.48 2.16 2.14 1.01 0.89 0.69 1.30	1.28 1.53 2.17 2.17 0.99 0.91 0.69 1.32	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	888888888888888888888888888888888888888	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	
Plastics and rubber products	1.19	1.18	1.18	1.19	(X)	(X)	(X)	(X)	

X Not Applicable Preliminary

Table 8. Revisions to Previously Published Monthly Percent Changes ¹

[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

	Ship	ments	New 0	Orders	Unfilled	Orders	Inven	tories
Industry	Aug ² 2014	Aug ³ 2013- Jul 2014	Aug ² 2014	Aug ³ 2013- Jul 2014	Aug ² 2014	Aug ³ 2013- Jul 2014	Aug ² 2014	Aug ³ 2013- Jul 2014
All manufacturing industries	(X)	0.1	(X)	0.3	(X)	0.1	(X)	0.1
Durable goods industries	-0.1 (X)	0.3 0.6 0.5 0.5 0.3 0.5 0.6 0.9 0.4 0.5 0.5	-0.2 (X) (X) (X) -0.6 -0.3 0.22 -0.2 -1.1 -0.2 (X) (X) (X) (X) (X) (X)	0.6 (NA) (NA) 0.5 1.4 0.8 1.2 1.1 0.9 0.6 0.5 (NA) (NA) (NA)	0.0 (X)	0.1 (NA) (NA) 0.4 0.2 0.2 0.5 0.1 0.5 0.3 (NA) (NA)		0.1 0.4 0.3 0.3 0.1 0.2 0.2 0.8 0.1 0.2 0.2 0.2
Beverage and tooacco products. Textilles. Textille products. Apparel. Leather and allied products. Paper products. Printing. Petroleum and coal products. Chemical products. Plastics and rubber products.	8888888888	0.5 0.9 0.9 0.2 0.5 0.5 0.3	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	888888888	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	888888888	0.3 0.4 0.4 0.3 0.2 0.6 0.5 0.2 0.5

X Not Applicable

NA Not Available

Revised data due to late receipts and concurrent seasonal adjustment.

² Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtools; farm and garden machinery; computer storage and peripheral devices; audio and video equipment; manufacturing and reproducing magnetic and optical media; batteries; automobiles; light trucks and utility vehicles; heavy duty trucks, and miscellaneous furniture.

 $^{^{\}rm 3}$ Unfilled orders to shipments ratio excludes semiconductor manufacturing.

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.

² The current month revisions are the difference between the advance percent change and the percent change as shown in this publication

³ The twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

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.