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Adriana Stoica Economic Indicators Division (301) 763-4832 M3-2 (14)-09 CB14-191

## Full Report on Manufacturers' Shipments, Inventories and Orders September 2014

#### **Summary**

New orders for manufactured goods in September, down two consecutive months, decreased \$2.8 billion or 0.6 percent to \$499.4 billion, the U.S. Census Bureau reported today. This followed a 10.0 percent August decrease. Excluding transportation, new orders decreased slightly.

Shipments, up three of the last four months, increased \$0.7 billion or 0.1 percent to \$503.4 billion. This followed a 1.1 percent August decrease.

Unfilled orders, up seventeen of the last eighteen months, increased \$3.7 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. The unfilled orders-toshipments ratio was 6.71, unchanged from August.

Inventories, up twenty-two of the last twenty-three months, increased \$1.5 billion or 0.2 percent to \$655.2 billion. This was also at the highest level since the series was first published on a NAICS basis and followed a 0.1 percent August increase. The inventories-to-shipments ratio was 1.30, unchanged from August.

#### **New Orders**

New orders for manufactured durable goods in September, down two consecutive months, decreased \$2.8 billion or 1.1 percent to \$242.2 billion, revised from the previously published 1.3 percent decrease. This followed an 18.3 percent August decrease.

Transportation equipment, also down two consecutive months, led the decrease, \$2.7 billion or 3.5 percent to \$73.6 billion.

New orders for manufactured nondurable goods increased \$0.1 billion or slightly to \$257.2 billion.

#### Shipments

Shipments of manufactured durable goods in September, up three of the last four months, increased \$0.7 billion or 0.3 percent to \$246.2 billion, revised from the previously published 0.1 percent increase. This followed a 1.7 percent August decrease.

Transportation equipment, also up three of the last four months, led the increase, \$0.4 billion or 0.5 percent to \$72.7 billion.

Shipments of manufactured nondurable goods, up following two consecutive monthly decreases, increased \$0.1 billion or slightly to \$257.2 billion. This followed a 0.4 percent August decrease. Chemical products, up five of the last six months, drove the increase, \$0.1 billion or 0.1 percent to \$63.3 billion.

### **Unfilled Orders**

Unfilled orders for manufactured durable goods in September, up seventeen of the last eighteen months, increased \$3.7 billion or 0.3 percent to \$1,168.7 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 0.6 percent August increase.

Computers and electronic products, up twelve of the last thirteen months, led the increase, \$1.0 billion or 0.7 percent to \$144.8 billion.

#### Inventories

Inventories of manufactured durable goods in September, up seventeen of the last eighteen months, increased \$1.7 billion or 0.4 percent to \$404.6 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 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.

Inventories of manufactured nondurable goods, down four consecutive months, decreased \$0.1 billion or slightly to \$250.6 billion. This followed a 0.4 percent August decrease. Petroleum and coal products, also down four consecutive months, drove the decrease, \$0.5 billion or 1.0 percent to \$46.6 billion.

By stage of fabrication, September materials and supplies decreased 0.5 percent in durable goods and increased 0.3 percent in nondurable goods. Work in process increased 0.6 percent in durable goods and decreased 0.8 percent in nondurable goods. Finished goods increased 1.3 percent in durable goods and 0.1 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 October is scheduled for release on November 26, 2014 at 8:30 a.m. EST and the Full Report on December 5, 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 Groups<sup>1</sup>

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

		Sea	isonally Ad	djusted					Not	Seasonally A	Adjusted		
		Monthly		Per	cent Cha	inge		Mor	thly			Year to date	
Industry	Sept. 2014 <sup>p</sup>	Aug. 2014 <sup>r</sup>	July 2014	Aug Sept.	July - Aug.	June - July	Sept. 2014 <sup>p</sup>	Aug. 2014 <sup>r</sup>	July 2014	Sept. 2013	2014 <sup>p</sup>	2013	% Chan 2014/ 2013
All manufacturing industries	503,424	502,690	508,108	0.1	-1.1	1.4	519,517	513,910	497,821	499,417	4,500,289	4,371,443	:
Excluding transportation	430,738	430,380	431,666	0.1	-0.3	0.3	442,367	440,349	432,697	426,088	3,865,002	3,762,794	2
Excluding defense	491,671	490,760	496,269	0.2		1.3	506,581	502,121	487,414	485,616	4,395,767	4,263,331	
With unfilled orders	174,258	173,615	174,918	0.4	-0.7	2.9	184,012	175,899	165,593	170,033	1,524,494	1,446,921	5
Durable goods industries	246,213	245,532	249,815	0.3	-1.7	3.7	258,596	249,043	237,040	241,966	2,167,803	2,062,828	:
Nood products	8,304 9,327	8,385 9,149	8,515 9,188	-1.0	-1.5 -0.4	-0.1	8,650 10,067	8,885 10,082	8,876 9,878	7,677 9,080	74,288 81,951	66,021 76,293	1
Nonmetallic mineral products Primary metals	27,878	27,692	27,582	1.9 0.7	-0.4	1.7 1.9	28,409	28,355	27,385	25,778	245,694	229,706	
Iron and steel mills	11,529	11,310	11,391	1.9	-0.7	2.1	11,583	11,477	11,249	10,454	100,800	96,187	
Aluminum and nonferrous metals	14,517	14,593	14,402	-0.5	1.3	1.8	14,868	15,101	14,424	13,551	128,771	117,977	
Ferrous metal foundries	1,832	1,789	1,789	2.4	0.0	0.5	1,958	1,777	1,712	1,773	16,123	15,542	
Fabricated metal products	30,497	30,268	30,261	0.8	0.0	0.3	32,050	31,663	30,141	29,848	270,719	262,013	
Machinery	37,120	37,017	36,926	0.3	0.2	3.3	38,131	36,530	36,011	34,498	326,344	308,298	
Farm machinery	1,294	1,157	1,500	11.8		-8.7	1,031	815	1,489	1,360	16,105	18,996	-1
Construction machinery	4,635	4,680	4,620	-1.0	1.3	3.1	4,624	4,606	4,505	4,228	41,141	41,256	-
Mining, oil field, and	0.000	0.000	0.000	0.1	2.0	0.7	0.000	0.070	0.000	0.000	00.474	40.000	
gas field machinery	2,308 5,909	2,306 6,052	2,393 5,717	0.1 -2.4	-3.6 5.9	6.7 18.2	2,380 6,467	2,276 6,032	2,308 5,413	2,289 4,431	20,471 45,541	19,282 33,212	3
Photographic equipment	5,909	687	5,717	-2.4	-3.6		0,407 795	681	5,413	4,431	6,184	5,896	3
Ventilation, heating, air-conditioning,	, , , ,	007	113	4.4	-3.0	3.0	190	001	000	132	0,104	5,690	
and refrigeration equipment	3,688	3,673	3,701	0.4	-0.8	0.1	3,884	3,905	4,110	3,828	34,150	33,688	
Metalworking machinery	3,219	3,162	3,177	1.8	-0.5	-0.7	3,485	3,063	3,136	3,234	28,255	26,809	
Turbines, generators, and other													
power transmission equipment	4,340	4,301	4,100	0.9	4.9	2.3	4,216	4,291	3,933	3,793	36,140	35,795	
Material handling equipment	3,062	2,976	3,004	2.9	-0.9	2.2	3,134	3,071	2,896	2,967	26,662	25,216	
Computers and electronic products <sup>2</sup>	29,145	29,590	29,955	-1.5	-1.2	3.1	31,285		29,578	31,021	257,959	245,938	
Computers	354	399	458	-11.3	-12.9	-7.3	421	366	354	648	3,813	4,643	-1
Computer storage devices	780	836	834	-6.7	0.2	-16.5	1,155	665	484	1,684	8,027	8,729	
Other peripheral equipment	830	844	1,023	-1.7	-17.5	6.7	1,135	706	746	1,177	7,600	6,975	
Nondefense communications	3,401	3,372	3,383	0.9	-0.3	-2.6	4,096	3,294	2,897	4,169	30,405	31,448	
equipment Defense communications equipment	404	3,372	467	9.8	-21.2	29.0	4,090	3,294	437	4,109	3,528	3,837	
Audio and video equipment	373	403	408	-7.4	-1.2	-3.1	332	361	346	285	3,102	2,123	4
Electronic components	3,621	3,574	3,747	1.3	-4.6	0.7	3,772	3,603	3,777	3,555	32,060	30,969	
Nondefense search and navigation		- 7 -		-			- ,	- ,	- /	-,			
equipment	1,404	1,394	1,355	0.7	2.9	-1.4	1,630	1,362	1,225	1,495	12,297	11,641	
Defense search and navigation													
equipment	2,937	3,091	2,891	-5.0	6.9	-0.7	3,202	3,038	2,529	3,226	25,648	25,493	
Electromedical, measuring,													
and control instruments	7,025	7,017	6,910	0.1	1.5	2.4	8,031	6,558	6,183	7,204	60,718	55,797	
Electrical equipment, appliances, and components	10,731	10,646	10,605	0.8	0.4	1.9	11,419	10,853	10,221	10,522	93,818	92,545	
Electric lighting equipment	895	896	884	-0.1	1.4	1.1	916	876	855	857	7,763	7,306	
Household appliances	1,826	1,803	1,883	1.3	-4.2	4.8	1,930	1,810	1,818	1,709	15,962	14,869	
Electrical equipment	3,371	3,379	3,386	-0.2	-0.2	0.1	3,775	3,428	3,216	3,671	30,703	30,492	
Batteries	1,114	1,038	1,007	7.3	3.1	2.0	1,242	1,057	923	1,026	8,894	8,312	
Transportation equipment	72,686	72,310	76,442	0.5	-5.4	8.0	77,150	73,561	65,124	73,329	635,287	608,649	
Automobiles	9,748	9,702	9,701	0.5	0.0	2.6	10,297	9,970	7,993	10,989	84,265	94,576	-1
Light trucks and utility vehicles	13,211	13,410	15,625	-1.5		20.9	13,771	14,016	12,197	13,638	121,975	112,956	
Heavy duty trucks Motor vehicle bodies, parts,	2,935	2,813	2,789	4.3	0.9	4.1	3,098	2,803	2,719	2,216	23,718	20,338	1
and trailers	21,594	21,330	22,698	1.2	-6.0	7.5	22,217	22,095	19,975	20,089	191,104	175,106	
Nondefense aircraft and parts	13,405	13,192	13,394	1.6	-0.0	4.0	14,681	12,816	11,722	12,809	108,573	98,013	
Defense aircraft and parts	4,524	4,362	4,560	3.7	-4.3	3.3	5,021	4,309	3,822	5,498	40,070	41,721	
Ships and boats	2,466	2,406	2,442				2,550		2,278	2,459	21,296		
Furniture and related products	5,887	5,855	5,798	0.5	1.0	1.2	6,119	6,333	5,891	5,796	51,968	50,584	
Miscellaneous durable goods	14,638	14,620	14,543	0.1	0.5	0.8	15,316	14,276	13,935	14,417	129,775	122,781	
Nondurable goods industries	257,211	257,158	258,293	0.0	-0.4	-0.8	260,921	264,867	260,781	257,451	2,332,486	2,308,615	
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Food products	66,242	66,345	66,116	-0.2		0.2	67,620	66,820	64,222	63,621	585,605	552,302	
Grain and oilseed milling	7,586	7,650	7,647	-0.8		-1.1	7,700	7,737	7,441	7,771	68,107	71,458	
Dairy products	9,929 20,491	9,779 20,392	9,771 20,490	1.5 0.5	0.1 -0.5	0.9 0.1	10,103 20,650	9,843 20,745	9,780 20,262	8,675 18,844	86,561 179,819	76,059	
Meat, poultry, and seafood products Beverage and tobacco products	12,042	12,052	20,490	-0.1	-0.5	1.9	12,313	12,355	20,262	10,044	107,463	161,251 108,020	
Beverages	8,720	8,679	8,690	-0.1		-0.1	8,991	8,982	8,888	9,172	78,443	78,555	
Tobacco	3,322	3,373	3,562	-1.5		7.1	3,322	3,373	3,562	3,209	29,020	29,465	
extile mills	2,687	2,661	2,725	1.0	-2.3	0.6	2,760	2,787	2,670	2,751	24,495	23,982	
extile products	2,113	2,096	2,074	0.8		-2.3	2,138		2,092	2,101	18,831	18,749	
Apparel	1,217	1,169	1,241	4.1	-5.8	-0.8	1,309	1,274	1,278	1,211	10,418	9,778	
eather and allied products	490	499	497	-1.8	0.4	-0.4	500	514	486	482	4,459	4,323	
Paper products	14,448	14,460	14,504	-0.1	-0.3	0.6	14,838		14,745	14,613	130,226	128,802	
Pulp, paper, and paperboard mills	6,801	6,797	6,839	0.1	-0.6	0.7	6,990	7,032	6,980	6,848	61,070	60,318	
Paperboard containers	4,452	4,464	4,456	-0.3	0.2	1.0	4,553	4,573	4,623	4,457	40,085	39,239	
Printing	6,485 69 141	6,464 69,159	6,546 70,263	0.3	-1.3	-0.3	6,796	6,524	6,241 74 144	6,544 71,850	57,697 647 896	58,098 657 265	
Petroleum and coal products	69,141 65,352	69,159 65,440	70,263 66,663	0.0 -0.1	-1.6 -1.8	-3.6 -3.8	69,364 64,958	74,379 69,941	74,144 69,959	71,850 67,869	647,896 614,450	657,265	
Petroleum refineries Chemical products	63,294	65,440 63,223	63,036	-0.1	-1.8	-3.8	64,958 63,958	63,557	63,233	63,245	572,700	625,020 579,122	
Pesticides, fertilizers, and other	03,294	03,223	03,030	0.1	0.3	0.2	00,900	03,007	00,200	05,245	512,100	575,122	
agricultural chemicals	2,769	2,797	2,945	-1.0	-5.0	1.3	2,446	2,248	2,438	2,221	26,796	25,450	
Pharmaceuticals and medicines	14,413	14,445	14,302	-0.2	1.0	-3.7	14,552	14,289	14,170	15,885	132,412	138,832	
Paints, coatings, and adhesives	3,084	3,093	3,096	-0.3	-0.1	-0.2	3,101	3,248	3,384	3,024	28,701	28,342	
		19,030	19,039	0.1	0.0	0.4	19,325	19,561	19,220	18,652	172,696	168,174	

<sup>p</sup> Preliminary <sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences,

where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes. See note at end of Table 2 relating to survey error and revision.

<sup>2</sup> 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.

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[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		Per	cent Chan	ge		Mon	thly		١	ear to date		
Industry	Sept. 2014 <sup>p</sup>	Aug. 2014 <sup>r</sup>	July 2014	Aug Sept.	July - Aug.	June - July	Sept. 2014 <sup>p</sup>	Aug. 2014 <sup>r</sup>	July 2014	Sept. 2013	2014 <sup>p</sup>	2013	% Change 2014/ 2013	
All manufacturing industries <sup>2</sup>	499,395	502,159	558,155	-0.6	-10.0	10.5	516,425	503,695	543,697	501,728	4,531,671	4,350,811	4.2	
Excluding transportation <sup>2</sup>	425,794	425,868	425,784	0.0	0.0	-0.7	436,709	431,634	423,124	418,820	3,825,198	3,724,599	2.7	
Excluding defense <sup>2</sup>	488,417	491,570	547,735	-0.6	-10.3	11.3	503,867	495,519	535,996	486,940	4,430,281	4,256,206	4.1	
With unfilled orders <sup>2</sup>	177,987	181,084	233,140	-1.7	-22.3	28.7	187,691	173,557	221,810	179,036	1,624,060	1,487,857	9.2	
Durable goods industries <sup>2</sup>	242,184	245,001	299,862	-1.1	-18.3	22.5	255,504	238,828	282,916	244,277	2,199,185	2,042,196	7.7	
Primary metals	28,667	27,972	27,896	2.5	0.3	-0.4	28,352	27,599	27,638	25,320	248,255	231,922	7.0	
Iron and steel mills	11,906	11,346	11,425	4.9	-0.7	-3.2	11,402	10,760	11,260	10,249	102,180	97,451	4.9	
Aluminum and nonferrous metals	14,800	14,708	14,690	0.6	0.1	1.8	14,982	14,921	14,706	13,474	129,561	119,085	8.8	
Ferrous metal foundries	1,961	1,918	1,781	2.2	7.7	1.3	1,968	1,918	1,672	1,597	16,514	15,386	7.3	
Fabricated metal products	30,847	30,612	30,673	0.8	-0.2	-0.1	31,674	31,344	30,362	29,344	273,747	272,185		
Machinery Construction machinery	37,220 4,722	38,226 5,125	37,780 4,863	-2.6 -7.9	1.2 5.4	-1.4 -6.2	37,591 4,374	37,015 4,929	36,230 4,220	34,490 4,414	338,050 45,883	313,291 41,409	7.9 10.8	
Mining, oil field, and														
gas field machinery Industrial machinery	2,471 6,054	2,520 6,045	2,148 5,684	-1.9 0.1	17.3 6.4	6.7 17.8	2,504 6,430	2,300 5,867	2,218 5,371	2,210 4,338	20,793 45,660	21,178 33,737	-1.8 35.3	
Photographic equipment	383	765	5,664	-49.9	6.3	32.1	480	788	732	4,338	5,832	6,796		
Ventilation, heating, air-conditioning,	505	705	720	-40.0	0.0	52.1	400	700	152	301	5,052	0,750	-14.2	
and refrigeration equipment	3,884	4,039	3,773	-3.8	7.1	0.4	4,165	4,123	3,875	4,015	35,412	33,683	5.1	
Metalworking machinery	3,043	3,334	3,314	-8.7	0.6		3,286	3,198	3,249	3,181	28,344	26,742		
Turbines, generators, and other	-,	-,	-,				-,	-,	-,	-,				
power transmission equipment	4,425	4,025	4,606	9.9	-12.6	-8.2	4,290	3,874	4,465	3,849	39,014	37,100	5.2	
Material handling equipment	3,074	3,214	3,227	-4.4	-0.4	-6.2	3,183	3,262	2,918	2,664	28,028	25,599	9.5	
Computers and electronic products <sup>2</sup>	22,364	22,894	22,504	-2.3	1.7	-0.8	26,357	20,897	19,562	25,250	197,557	189,117	4.5	
Computers	494	476	586	3.8	-18.8	-14.8	561	443	482	635	4,476	4,748	-5.7	
Nondefense communications														
equipment	3,207	3,761	3,817	-14.7	-1.5	12.5		3,611	3,113	4,746		35,531		
Defense communications equipment	326	475	363	-31.4	30.9	-1.4	420	466	279	509	3,259	3,390		
Electronic components	3,621	3,585	3,744	1.0	-4.2	-0.6	3,670	3,685	3,838	3,318	32,346	31,120	3.9	
Nondefense search and navigation	1.0.11	1 00 1	4 700	0.4	0.4	0.4	0.405	4.050	4 500	4 7 40	45.000	11.010	0.7	
equipment Defense search and navigation	1,841	1,834	1,728	0.4	6.1	-9.1	2,125	1,659	1,588	1,749	15,888	14,612	8.7	
equipment	3,461	3,032	2,732	14.1	11.0	-10.5	4,102	2,525	2,241	3,324	25,399	22,902	10.9	
and control instruments	7,173	7,356	6,965	-2.5	5.6	2.0	8,555	6,461	6,186	7,416	61,607	56,272	9.5	
Electrical equipment, appliances,	7,175	7,550	0,303	-2.5	5.0	2.0	0,000	0,401	0,100	7,410	01,007	50,272	5.5	
and components	11,243	10,913	10,590	3.0	3.1	-3.0	11,511	10,795	10,000	10,064	96,383	93,431	3.2	
Electric lighting equipment	883	888	898	-0.6	-1.1	2.2	923	872	847	889	7,797	7,353	6.0	
Household appliances	1,846	1,837	1,869	0.5	-1.7	2.0	1,994	1,786	1,806	1,710		14,912		
Electrical equipment	3,528	3,457	3,519	2.1	-1.8	0.3	3,624	3,370	3,378	3,416	31,593	30,866	2.4	
Transportation equipment	73,601	76,291	132,371	-3.5	-42.4	73.3	79,716	72,061	120,573	82,908	706,473	626,212	12.8	
Motor vehicle bodies, parts,														
and trailers	21,806	21,656	22,789	0.7	-5.0	7.3	22,382	22,497	19,705	19,901	191,667	174,480		
Nondefense aircraft and parts	15,264	18,192	69,976	-16.1	-74.0	315.6	18,308	13,998	69,225	21,259	180,914	129,585		
Defense aircraft and parts	3,509	3,806	3,994	-7.8	-4.7	-32.7	3,994	2,711	3,226	6,281	37,034	35,011	5.8	
Ships and boats	2,176 5,973	2,314	2,444	-6.0	-5.3	104.2	2,018	1,959	1,859	2,415	22,993	17,493	-	
Furniture and related products	5,973	5,946	5,800	0.5	2.5	0.0	6,270	5,881	5,860	5,733	52,777	50,977	3.5	
Nondurable goods industries	257,211	257,158	258,293	0.0	-0.4	-0.8	260,921	264,867	260,781	257,451	2,332,486	2,308,615	1.0	

<sup>p</sup> Preliminary <sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday

adjusted common of the model parameters. Estimates appared due to non-carried reporters of consuming appared common apparents and real consumer apparents and r

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

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 <a href="http://www.census.gov/manufacturing/m3/s">http://www.census.gov/manufacturing/m3/s</a>.

### Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups<sup>1</sup>

[Estimates are shown in millions of do			Seasonally A				<i>.</i>		easonally Adj	usted	
		Monthly		Pe	rcent Chan	ge		Mor	thly		% Change
Industry	Sept. 2014 <sup>p</sup>	Aug. 2014 <sup>r</sup>	July 2014	Aug Sept.	July - Aug.	June - July	Sept. 2014 <sup>p</sup>	Aug. 2014 <sup>r</sup>	July 2014	Sept. 2013	Sep. 2014/ 2013
All manufacturing industries <sup>2</sup>	1,168,658	1,164,929	1,157,460	0.3	0.6	5.3	1,159,844	1,156,165	1,158,507	1,031,800	12.4
Excluding transportation <sup>2</sup>	426,010	423,196	419,708	0.7	0.8	0.5	422,217	421,104	421,946	394,708	7.0
Excluding defense <sup>2</sup>	980,496	975,992	967,182	0.5	0.9	6.6	972,072	968,015	966,744	834,953	16.4
Durable goods industries <sup>2</sup>	1,168,658	1,164,929	1,157,460	0.3	0.6	5.3	1,159,844	1,156,165	1,158,507	1,031,800	12.4
Primary metals	40,302	39,513	39,233	2.0	0.7	0.8	38,614	38,671	39,427	34,343	12.4
Iron and steel mills	20,233	19,856	19,820	1.9	0.2	0.2	19,097	19,278	19,995	16,963	12.6
Aluminum and nonferrous metals	15,526	15,243	15,128	1.9	0.8	1.9	15,109	14,995	15,175	13,423	12.6
Ferrous metal foundries	4,543	4,414	4,285	2.9	3.0	-0.2	4,408	4,398	4,257	3,957	11.4
Fabricated metal products	87,093	86,743	86,399	0.4	0.4	0.5	86,825	87,201	87,520	89,124	-2.6
Machinery	120,665	120,565	119,356	0.1	1.0	0.7	119,453	119,993	119,508	106,783	11.9
Construction machinery Mining, oil field, and	16,857	16,770	16,325	0.5	2.7	1.5	16,102	16,352	16,029	10,094	59.5
gas field machinery	14,304	14,141	13,927	1.2	1.5	-1.7	14,314	14,190	14,166	14,216	0.7
Industrial machinery	8,743	8,598	8,605	1.7	-0.1	-0.4	8,598	8,635	8,800	7,854	9.5
Photographic equipment	3,541	3,875	3,797	-8.6	2.1	0.2	3,627	3,942	3,835	4,208	-13.8
Ventilation, heating, air-conditioning,		0.040					0.004		0.400		
and refrigeration equipment	6,806	6,610	6,244	3.0	5.9	1.2	6,691	6,410	6,192	5,206	28.5
Metalworking machinery	6,023	6,199	6,027	-2.8	2.9	2.3	5,914	6,113	5,978	5,814	1.7
Turbines, generators, and other											
power transmission equipment	29,193	29,108	29,384	0.3	-0.9	1.8	29,083	29,009	29,426	26,851	8.3
Material handling equipment	11,775	11,763	11,525	0.1	2.1	2.0	11,784	11,735	11,544	10,363	13.7
Computers and electronic products <sup>2</sup>	144,826	143,849	142,545	0.7	0.9	0.5	144,753	142,910	142,645	135,409	6.9
Computers Nondefense communications	4,052	3,912	3,835	3.6	2.0	3.5	4,052	3,912	3,835	3,332	21.6
equipment	34,820	35,014	34,625	-0.6	1.1	1.3	34,663	34,747	34,430	30,039	15.4
Defense communications equipment	3,433	3,511	3,404	-2.2	3.1	-3.0	3,466	3,496	3,394	4,027	-13.9
Electronic components Nondefense search and navigation	12,873	12,873	12,862	0.0	0.1	0.0	12,853	12,955	12,873	12,676	1.4
equipment	21,231	20,794	20,354	2.1	2.2	1.9	21,336	20,841	20,544	17,191	24.1
Defense search and navigation equipment	41,693	41,169	41,228	1.3	-0.1	-0.4	41,695	40,795	41,308	42,580	-2.1
Electromedical, measuring, and control instruments	26,724	26,576	26,237	0.6	1.3	0.2	26,688	26,164	26,261	25,564	4.4
Electrical equipment, appliances,										-	
and components	25,320	24,808	24,541	2.1	1.1	-0.1	24,855	24,763	24,821	21,860	13.7
Electric lighting equipment	1,134	1,146	1,154	-1.0	-0.7	1.2	1,165	1,158	1,162	1,229	-5.2
Household appliances	919	899	865	2.2	3.9	-1.6	881	817	841	714	23.4
Electrical equipment	12,386	12,229	12,151	1.3	0.6	1.1	12,144	12,295	12,353	11,196	8.5
Transportation equipment Motor vehicle bodies, parts,	742,648	741,733	737,752	0.1	0.5	8.2	737,627	735,061	736,561	637,092	15.8
and trailers	17,408	17,196	16,870	1.2	1.9	0.5	17,079	16,914	16,512	16,159	5.7
Nondefense aircraft and parts	572,179	570,320	565,320	0.3	0.9	11.1	568,049	564,422	563,240	462,928	22.7
Defense aircraft and parts	62,340	63,355	63,911	-1.6	-0.9	-0.9	61,475	62,502	64,100	65,649	-6.4
Ships and boats	19,662	19,952	20,044	-1.5	-0.5	0.0	19,810	20,342	20,752	20,149	-1.7
Furniture and related products	6,697	6,611	6,520	1.3	1.4	0.0	6,610	6,459	6,911	6,112	8.1
	2,501	2,211	2,520			5.0	2,510	2,100	2,911	2,112	0.1

<sup>P</sup> Preliminary <sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday

and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

<sup>2</sup> 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 Groups<sup>1</sup>

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

			Seasonally A	djusted				Not Se	easonally Adj	usted	
		Monthly		Pe	ercent Chang	ge		Mon	thly		% Chang
Industry	Sept. 2014 <sup>p</sup>	Aug. 2014 <sup>r</sup>	July 2014	Aug Sept.	July - Aug.	June - July	Sept. 2014 <sup>p</sup>	Aug. 2014 <sup>r</sup>	July 2014	Sept. 2013	Sep. 2014/ 2013
				-	_	-					
Il manufacturing industries	655,190	653,641	653,068	0.2	0.1	0.0	654,832	658,284	656,295	632,639	:
Excluding transportation	524,293	523,762	523,745	0.1	0.0	-0.1	524,063	527,295	525,687	513,804	
Excluding defense	626,194	624,342	623,871	0.3 0.4	0.1	0.0 0.5	625,991	629,034	626,949	604,822	
With unfilled orders	332,242	330,808	329,341	0.4	0.4	0.5	331,353	334,459	332,515	312,012	· ·
urable goods industries	404,558	402,908	401,361	0.4	0.4	0.4	403,617	406,780	404,423	381,124	
/ood products	10,689	10,683	10,684	0.1	0.0	0.1	10,621	10,602	10,512	9,863	-
onmetallic mineral products	12,069	12,012	12,064	0.1	-0.4	-1.4	11,893	11,938	12,122	11,539	
rimary metals	37,391	37,159	36,827	0.6	0.9	1.1	37,486	37,473	36,932	35,274	
Iron and steel mills	21,556	21,413	21,132	0.7	1.3	0.9	21,685	21,605	21,170	20,236	
Aluminum and nonferrous metals	13,594	13,480	13,418	0.8	0.5	1.6	13,602	13,585	13,516	12,853	
Ferrous metal foundries	2,241	2,266	2,277	-1.1	-0.5	0.1	2,199	2,283	2,246	2,185	
abricated metal products	49,940	49,841	49,646	0.2	0.4	0.6	49,888	50,131	50,186	47,529	
achinery	67,677	67,354	67,326	0.5	0.0	0.3	67,375	68,155	67,641	65,868	
Farm machinery	3,755	3,812	3,960	-1.5	-3.7	-1.4	3,491	3,658	3,850	3,617	
Construction machinery	5,223	5,115	5,076	2.1	0.8	1.6	5,230	5,047	5,013	5,326	-
Mining, oil field,	0.040	6 407	0 5 4 7	2.2	0.0		6 6 9 7	0.504	0.014	7 000	
and gas field machinery	6,640	6,497	6,547	2.2	-0.8	1.1	6,637	6,561	6,614	7,286	-
Industrial machinery	6,701 1,528	6,733 1,564	6,758 1,526	-0.5 -2.3	-0.4 2.5	0.3 0.3	6,716 1,528	6,803 1,616	6,714 1,554	6,365 1,626	
Photographic equipment Ventilation, heating, air-conditioning,	1,520	1,504	1,520	-2.5	2.5	0.5	1,520	1,010	1,554	1,020	
and refrigeration equipment	5,145	5,114	5,048	0.6	1.3	1.2	5,035	5,209	5,167	4,738	I
Metalworking machinery	5,649	5,604	5,629	0.0	-0.4	0.5	5,806	5,720	5,714	5,600	I
Turbines, generators, and other	0,010	0,004	0,020	0.0	0.4	0.0	0,000	5,. 20	0,4	0,000	I
power transmission equipment	10,895	10,876	10,757	0.2	1.1	0.1	10,859	11,426	11,005	10,382	Í
Material handling equipment	4,683	4,704	4,694	-0.4	0.2	0.2	4,834	4,863	4,809	4,683	
mputers and electronic products <sup>2</sup>	48,747	48,684	48,446	0.1	0.5	0.0	48,623	49,575	48,968	46,769	
Computers	933	914	917	2.1	-0.3	2.5	976	976	944	972	
Computer storage devices	2,075	2,066	2,088	0.4	-1.1	4.6	2,022	2,166	2,135	1,867	
Other peripheral equipment	1,694	1,679	1,697	0.9	-1.1	-0.5	1,629	1,736	1,724	1,560	
Nondefense communications											
equipment	6,542	6,542	6,499	0.0	0.7	-1.5	6,454	6,634	6,469	6,201	
Defense communications equipment	988	1,075	1,163	-8.1	-7.6	-2.9	988	1,075	1,163	1,302	-
Audio and video equipment	895	864	846	3.6	2.1	4.3	1,016	929	857	769	
Electronic components	8,989	8,957	8,857	0.4	1.1	-0.2	8,883	8,995	8,960	8,149	
Nondefense search and navigation											
equipment	3,818	3,794	3,791	0.6	0.1	0.2	3,817	3,848	3,822	3,614	
Defense search and navigation											
equipment	3,272	3,240	3,233	1.0	0.2	2.1	3,211	3,257	3,307	2,909	
Electromedical, measuring	10.000	10.000	10.004	-0.4	0.0	0.0	10 700	10 007	10.000	10 111	
and control instruments	12,939	12,996	12,894	-0.4	0.8	0.8	12,709	13,327	13,088	12,114	
ectrical equipment, appliances, and components	16,577	16,749	16,636	-1.0	0.7	2.7	16,273	16,947	16,839	16,423	
Electric lighting equipment	2,304	2,283	2,271	0.9	0.5	0.2	2,277	2,313	2,356	2,079	
Household appliances	1,967	2,001	2,004	-1.7	-0.1	0.2	1,973	2,073	2,049	1,850	
Electrical equipment	4,805	4,814	4,808	-0.2	0.1	0.7	4,522	4,869	4,866	4,494	
Batteries	1,231	1,206	1,213	2.1	-0.6	0.4	1,246	1,237	1,227	1,171	
ansportation equipment	130,897	129,879	129,323	0.8	0.4	0.3	130,769	130,989	130,608	118,835	
Automobiles	2,960	2,889	2,840	2.5	1.7	4.2	3,054	2,844	2,856	2,813	
Light trucks and utility vehicles	2,774	2,747	2,783	1.0	-1.3	-1.8	2,844	2,773	2,813	2,507	
Heavy duty trucks	1,552	1,587	1,548	-2.2	2.5	-4.1	1,528	1,584	1,513	1,748	-
Motor vehicle bodies, parts,											
and trailers	20,039	19,730		1.6	1.2	0.4	20,089	19,832		18,503	
Nondefense aircraft and parts	73,803	73,035	73,024	1.1	0.0	0.8	73,471	73,909	73,865	64,983	
Defense aircraft and parts	14,326	14,588	14,421	-1.8	1.2	1.6	14,298	14,642	14,546	13,504	I
Ships and boats	2,306	2,278	2,306	1.2	-1.2	-3.3	2,294	2,248	2,257	2,372	
control contro	6,288 24,283	6,276 24,271	6,244 24,165	0.2 0.0	0.5 0.4	0.5 0.7	6,290 24,399	6,400 24,570	6,425 24,190	5,974 23,050	l
•	24,203	24,271	24,100	0.0	0.4	0.7	24,399	24,370		23,030	I
ndurable goods industries	250,632	250,733	251,707	0.0	-0.4	-0.7	251,215	251,504	251,872	251,515	
ad products	47,431		17 605	0.4	0.0	0.0	10 240		47.000		l
od products		47,476 4,881	47,625	-0.1 0.9	-0.3 -0.7	0.2	48,248	47,904	47,009	48,072	
Grain and oilseed milling Dairy products	4,926 6,486	4,881 6,532	4,914 6,444	-0.7	-0.7 1.4	-1.5 0.4	4,736 6,509	4,698 6,738	4,679 6,703	4,916 6,055	1
Dairy products Meat, poultry, and seafood products	6,486 9,243	6,532 9,336	6,444 9,398	-0.7 -1.0	1.4 -0.7	0.4	6,509 9,376	6,738 9,509	6,703 9,415	6,055 9,236	
verage and tobacco products	9,243 21,083	20,942	20,767	-1.0	-0.7	-0.4	21,071	20,258	20,057	20,348	I
Beverages	16,841	16,719	16,605	0.7	0.8	-0.4	16,900	16,241	16,095	16,289	
Fobacco	4,242	4,223	4,162	0.4	1.5	-1.6	4,171	4,017	3,962	4,059	1
tile mills	3,472	3,466	3,457	0.2	0.3	0.7	3,460	3,484	3,482	3,338	l
tile products	3,145	3,144	3,152	0.0	-0.3	0.7	3,150	3,148	3,159	3,091	I
barel	2,758	2,739	2,745	0.7	-0.2	1.7	2,917	2,909	2,905	2,348	
ther and allied products	1,081	1,071	1,067	0.9	0.4	-0.3	1,112	1,093	1,087	1,083	I
per products	14,660	14,604	14,572	0.4	0.2	0.2	14,636	14,684	14,607	14,390	
Pulp, paper, and paperboard mills	6,123	6,054	6,030	1.1	0.4	-0.7	6,080	6,079	6,041	6,036	I
Paperboard containers	4,367	4,379	4,382	-0.3	-0.1	0.7	4,348	4,381	4,368	4,153	
nting	5,926	5,893	5,866	0.6	0.5	0.1	5,991	6,110	6,015	5,598	I
troleum and coal products	46,630	47,118	48,400	-1.0	-2.6	-3.2	47,182	47,531	48,910	49,789	
Petroleum refineries	42,953	43,366	44,601	-1.0	-2.8	-3.6	43,554	43,725	45,051	46,175	I
emical products	81,827	81,697	81,567	0.2	0.2	-0.3	81,048	81,916	82,187	81,187	
Pesticides, fertilizers, and other						-				-	l
agricultural chemicals	4,272	4,352	4,319	-1.8	0.8	-0.4	3,959	4,098	4,006	3,885	
Pharmaceuticals and medicines	30,911	30,890	31,091	0.1	-0.6	-0.9	30,550	30,929	31,403	31,157	
Paints, coatings, and adhesives	3,452	3,396	3,385	1.6	0.3	0.5	3,357	3,380	3,454	3,167	
astics and rubber products	22,619	22,583	22,489	0.2	0.4	0.3	22,400	22,467	22,454	22,271	

<sup>p</sup> Preliminary <sup>r</sup>Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes. <sup>2</sup> 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**<sup>1, 2</sup>

IEstimates are shown in millions of dollars and are based on data from the Manufacturers' Shinments, Inventories, and Orders Survey 1

		Sea	sonally Adj	usted			Not Seasonally Adjusted							
		Monthly		Perc	ent Cha	nge		Mon	thly		Year to	o date		
Industry													% Change	
	Sept.	Aug.	July	Aug	July -	June -	Sept.	Aug.	July	Sept.			2014/	
	2014 <sup>p</sup>	2014 <sup>r</sup>	2014	Sept.	Aug.	July	2014 <sup>p</sup>	2014 <sup>r</sup>	2014	2013	2014 <sup>p</sup>	2013	2013	
	-						-				-			
SHIPMENTS														
All manufacturing industries	503,424	502,690	508,108	0.1	-1.1	1.4	519,517	513,910	497,821	499,417	4,500,289	4,371,443	2.9	
Construction materials and supplies	46,345	45,990	46,144	0.8	-0.3	0.9	48,957	49,350	48,625	45,059	412,243	392,058	5.1	
Information technology	22,008	22,233	22,191	-1.0	0.2	0.4	25,093	21,392	19,535	24,785	194,395	190,863	1.9	
Computers and related products	1,964	2,079	2,315	-5.5	-10.2	-5.6	2,711	1,737	1,584	3,509	19,440	20,347	-4.5	
Motor vehicle and parts	47,488	47,255	50,813	0.5	-7.0	10.1	49,383	48,884	42,884	46,932	421,062	402,976		
Capital goods	90,256	89,638	89,195	0.7	0.5	1.9	97,024	88,260	83,116	89,365	779,801	744,707	4.7	
Nondefense capital goods <sup>3</sup>	80,580	79,832	79,602	0.9	0.3	1.9	86,357	78,523	74,661	78,348	694,402	657,109	5.7	
Excluding aircraft Defense capital goods <sup>4</sup>	70,629 9,676	70,450 9,806	70,307 9,593	0.3 -1.3	0.2 2.2	2.0 1.9	75,413 10,667	69,289 9,737	66,549 8,455	69,442 11,017	618,766 85,399	589,499 87,598	5.0 -2.5	
Consumer goods	210,669 37,098	210,969	214,382	-0.1 -0.3	-1.6 -5.7	0.2 8.9	214,429 38,965	217,376 37,861	209,857	213,850	1,911,186	1,887,587 325,391	1.3	
Consumer durable goods Consumer nondurable goods	173,571	37,194 173,775	39,458 174,924	-0.3	-0.7	-1.6	175,464	179,515	33,310 176,547	38,426 175,424	331,516 1,579,670	1,562,196		
NEW ORDERS				0.1	0.1						1,010,010	1,002,100		
All manufacturing industries <sup>5</sup>	499,395	502,159	558,155	-0.6	-10.0	10.5	516,425	503,695	543,697	501,728	4,531,671	4,350,811	4.2	
Construction materials and supplies	46,523	46,604	46,649	-0.2	-0.1	0.7	48,937	49,452	49,033	45,184	417,919	393,846		
Information technology	22,998	23,767	22,777	-3.2	4.3	-1.7	26,895	21,710	19,502	25,916	203,058	196,781	3.2	
Computers and related products Motor vehicle and parts	2,104 47,700	2,156 47,581	2,443 50,904	-2.4 0.3	-11.7 -6.5	-7.7 10.0	2,851 49,548	1,814 49,286	1,712 42,614	3,496 46,744	20,103 421,625	20,452 402,350	-1.7	
Capital goods	91,485 82,117	95,379 86,659	144,635 136,323	-4.1 -5.2	-34.1 -36.4	52.5 60.9	99,111 88,318	87,466 80,570	136,223 130,082	98,027 86,102	860,658 777,829	782,713 705,998	10.0	
Nondefense capital goods <sup>3</sup> Excluding aircraft	71,956	73,112	72,836	-1.6	-30.4	-0.1	75,790	69,843	67,793	69,841	640.256	609,494	5.0	
Defense capital goods <sup>4</sup>	9,368	8,720	8,312	7.4	4.9	-17.9	10,793	6,896	6,141	11,925	82,829	76,715		
	210,725	211,031		-0.1	-1.5	0.1		217.176	209,844	213.882	1,911,472	1,887,794	1.3	
Consumer goods Consumer durable goods	37,154	37,256	214,313 39,389	-0.1	-1.5	8.3	214,614 39,150	37,661	209,844 33,297	213,882 38,458	331,802	325,598	1.3	
Consumer nondurable goods	173,571	173,775	174,924	-0.1	-0.7	-1.6	175,464	179,515	176,547	175,424	1,579,670	1,562,196		
UNFILLED ORDERS														
All manufacturing industries <sup>5</sup>	1,168,658	1,164,929	1,157,460	0.3	0.6	5.3	1,159,844	1,156,165	1,158,507	1,031,800	(X)	(X)	12.4	
-														
Construction materials and supplies Information technology	56,595 146,375	56,417 145,385	55,803 143,851	0.3 0.7	1.1 1.1	0.9 0.4	56,577 146,192	56,597 144,390	56,495 144,072	51,456 135,662	(X) (X)	(X) (X)	10.0 7.8	
Computers and related products	4,052	3,912	3,835	3.6	2.0	3.5	4,052	3,912	3,835	3,332	(X) (X)	(X) (X)	21.6	
Motor vehicle and parts	17,408	17,196	16,870	1.2	1.9	0.5	17,079	16,914	16,512	16,159	(X)	(X)		
Capital goods	890,846	889,617	883,876	0.1	0.6	6.7	885,302	883,215	884,009	779,220	(X)	(X)	13.6	
Nondefense capital goods <sup>3</sup>	733,028	731,491	724,664	0.2	0.9	8.5	727,298	725,337	723,290	612,160	(X)	(X)	18.8	
Excluding aircraft	252,182	250,855	248,193	0.5	1.1	1.0	250,135	249,758	249,204	227,834	(X)	(X)	9.8	
Defense capital goods <sup>4</sup>	157,818	158,126	159,212	-0.2	-0.7	-0.8	158,004	157,878	160,719	167,060	(X)	(X)	-5.4	
Consumer goods	4,953	4,897	4,835	1.1	1.3	-1.4	4,819	4,634	4,834	4,280	(X)	(X)	12.6	
Consumer durable goods	4,953	4,897	4,835	1.1	1.3	-1.4	4,819	4,634	4,834	4,280	(X)	(X)	12.6	
TOTAL INVENTORIES														
All manufacturing industries	655,190	653,641	653,068	0.2	0.1	0.0	654,832	658,284	656,295	632,639	(X)	(X)	3.5	
Construction materials and supplies	64,907	64,764	64,642	0.2	0.2	0.0	64,492	64,888	65,073	61,508	(X)	(X)	4.9	
Information technology	41,161	41,390	41,207	-0.6	0.4	1.4	40,807	42,234	41,613	39,971	(X) (X)	(X) (X)	2.1	
Computers and related products	4,702	4,659	4,702	0.9	-0.9	2.3	4,627	4,878	4,803	4,399	(X)	(X)	5.2	
Motor vehicle and parts	27,325	26,953	26,667	1.4	1.1	0.3	27,515	27,033	26,852	25,571	(X)	(X)	7.6	
Capital goods	208,326	207,646	207,237	0.3	0.2	0.7	207,353	210,344	208,915	195,190	(X)	(X)	6.2	
Nondefense capital goods <sup>3</sup>	184,710	183,755	183,434	0.5	0.2	0.9	183,864	186,556	185,088	172,420	(X)	(X)	6.6	
Excluding aircraft	122,930	122,748	122,325	0.1	0.3	0.7	122,305	124,697	123,192	118,984	(X)	(X)		
Defense capital goods <sup>4</sup>	23,616	23,891	23,803	-1.2	0.4	-0.9	23,489	23,788	23,827	22,770	(X)	(X)	3.2	
Consumer goods	188,486	188,633	189,953	-0.1	-0.7	-0.9	189,948	189,334	189,660	189,493	(X)	(X)		
Consumer durable goods	27,135	27,050	27,003	0.3	0.2	0.6	27,351	27,286	27,029	25,257	(X)	(X)	8.3	
Consumer nondurable goods	161,351	161,583	162,950	-0.1	-0.8	-1.1	162,597	162,048	162,631	164,236	(X)	(X)	-1.(	

X Not Applicable <sup>p</sup> Preliminary

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

<sup>1</sup>Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

<sup>2</sup> Topical series are regroupings of the separate industry categories.

<sup>3</sup> 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.

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

<sup>5</sup> Estimates and percent changes exclude semiconductor industry data.

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

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

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[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipmen	ts, Inventories	, and Orders Survey.	.1

[Estimates are shown in millions of de			Seasonally A				,	,	easonally Adj	usted	
		Monthly		Pe	rcent Chan	ge		Mon	thly		% Change
Industry	Sept. 2014 <sup>p</sup>	Aug. 2014 <sup>r</sup>	July 2014	Aug Sept.	July - Aug.	June - July	Sept. 2014 <sup>p</sup>	Aug. 2014 <sup>r</sup>	July 2014	Sept. 2013	Sep. 2014/ 2013
MATERIALS AND SUPPLIES											
All manufacturing industries	211,018	211,460	212,137	-0.2	-0.3	0.3	211,250	212,422	212,937	203,976	3.6
Durable goods industries	130,749	131,425	131,532	-0.5	-0.1	0.9	131,227	132,684	132,258	124,955	5.0
Wood products	4,053	4,052	4,089	0.0	-0.9	0.6	4,147	4,073	4,008	3,877	7.0
Nonmetallic mineral products Primary metals	4,382 14,263	4,360 14,257	4,463 14,364	0.5 0.0	-2.3 -0.7	-2.5 2.0	4,366 14,503	4,347 14,399	4,485 14,379	4,318 14,271	1.1 1.6
Fabricated metal products	17,716	18,085	18,014	-2.0	0.4	0.3	17,862	18,255	18,214	17,457	2.3
Machinery Computers and electronic products	25,762 19,530	25,612 19,669	25,460 19,642	0.6 -0.7	0.6 0.1	0.9 1.3	25,813 19,417	26,003 19,840	25,850 19,820	24,496 18,109	5.4 7.2
Electrical equipment, appliances,											
and components Transportation equipment	6,417 28,003	6,817 27,927	6,759 28,133	-5.9 0.3	0.9 -0.7	4.2 0.0	6,297 28,190	6,903 28,109	6,843 27,957	6,872 25,672	-8.4 9.8
Furniture and related products	3,040	3,053	3,044	-0.4	0.3	0.2	3,041	3,076	3,100	2,803	8.5
Miscellaneous products	7,583	7,593	7,564	-0.1	0.4	1.3	7,591	7,679	7,602	7,080	7.2
Nondurable goods industries Food products	80,269 16,361	80,035 16,458	80,605 16,398	0.3 -0.6	-0.7 0.4	-0.5 -1.1	80,023 16,282	79,738 16,195	80,679 16,216	79,021 16,102	1.3 1.1
Beverage and tobacco products	5,246	5,199	5,187	0.9	0.2	-1.9	5,138	5,008	4,999	5,264	-2.4
Textiles Textile products	1,225 1,306	1,213 1,312	1,213 1,321	1.0 -0.5	0.0 -0.7	-0.2 0.6	1,217 1,310	1,219 1,314	1,228 1,332	1,219 1,228	-0.2 6.7
Apparel	930	916	908	1.5	0.9	2.9	949	930	920	752	26.2
Leather and allied products Paper products	301 6,983	310 6,971	305 6,988	-2.9 0.2	1.6 -0.2	1.7 0.4	304 6,963	315 6,956	310 6,962	316 6,767	-3.8 2.9
Printing	2,536	2,539	2,539	-0.1	-0.2	0.4	2,559	2,598	2,597	2,461	4.0
Petroleum and coal products	12,278	11,958	12,722	2.7	-6.0	-1.2	12,401	11,931	12,814	12,778	-3.0
Chemical products Plastics and rubber products	23,890 9,213	24,011 9,148	23,878 9,146	-0.5 0.7	0.6 0.0	-0.3 0.6	23,773 9,127	24,152 9,120	24,096 9,205	23,207 8,927	2.4 2.2
WORK IN PROCESS											
All manufacturing industries	215,074	214,561	213,472	0.2	0.5	0.0	212,898	215,056	214,470	201,166	5.8
Durable goods industries	162,834	161,925	160,935	0.6	0.6	0.3	162,025	163,717	162,985	151,521	6.9
Wood products	2,074	2,030	2,019	2.2	0.5	-1.5	2,069	2,019	2,028	1,765	17.2
Nonmetallic mineral products Primary metals	1,403 11,293	1,380 11,090	1,387 10,920	1.7 1.8	-0.5 1.6	-0.9 1.7	1,384 11,237	1,370 11,313	1,413 11,069	1,328 10,470	4.2 7.3
Fabricated metal products	13,889	14,012	14,009	-0.9	0.0	1.2	13,962	14,227	14,164	13,579	2.8
Machinery Computers and electronic products	19,566 15,788	19,527 15,977	19,479 16,241	0.2 -1.2	0.2 -1.6	-2.4 -0.2	19,510 15,637	19,921 16,223	19,581 16,528	19,001 15,937	2.7 -1.9
Electrical equipment, appliances,	13,700	15,977	10,241	-1.2	-1.0	-0.2	15,057	10,223	10,520	15,957	-1.5
and components Transportation equipment	3,974 90,035	3,743 89,358	3,652 88,466	6.2 0.8	2.5 1.0	1.8 0.5	3,898 89,477	3,765 90,005	3,679 89,711	3,668 80,811	6.3 10.7
Furniture and related products	1,012	1,014	1,010	-0.2	0.4	1.0	1,012	1,022	1,028	980	3.3
Miscellaneous products	3,800	3,794	3,752	0.2	1.1	2.0	3,839	3,852	3,784	3,982	-3.6
Nondurable goods industries	52,240	52,636	52,537	-0.8	0.2	-0.6	50,873	51,339	51,485	49,645	2.5
Food products Beverage and tobacco products	4,914 7,418	4,959 7,387	5,116 7,237	-0.9 0.4	-3.1 2.1	2.5 0.5	4,397 7,230	4,437 6,596	4,501 6,459	4,306 6,816	2.1 6.1
Textiles	791	783	781	1.0	0.3	2.1	797	797	792	735	8.4
Textile products	460 379	450 373	445 374	2.2 1.6	1.1 -0.3	1.4 -0.3	464 396	449 397	445 408	429 325	8.2 21.8
Leather and allied products	89	89	93	0.0	-4.3	-3.1	89	88	93	102	-12.7
Paper products Printing	1,385 1,287	1,393 1,322	1,399 1,303	-0.6 -2.6	-0.4 1.5	1.0 -1.0	1,381 1,323	1,412 1,462	1,415 1,350	1,400 1,319	-1.4 0.3
Petroleum and coal products	14,034	14,434	14,470	-2.8	-0.2	-4.1	13,876	14,569	14,631	14,419	-3.8
Plastics and rubber products	18,891 2,592	18,765 2,681	18,662 2,657	-3.3	0.6	0.6	18,323 2,597	18,436 2,696	18,730 2,661	17,152 2,642	6.8 -1.7
FINISHED GOODS											
All manufacturing industries	229,098	227,620	227,459	0.6	0.1	-0.3	230,684	230,806	228,888	227,497	1.4
Durable goods industries	110,975	109,558	108,894	1.3	0.6	0.2	110,365	110,379	109,180	104,648	5.5
Wood products	4,562	4,601	4,576	-0.8	0.5	0.5	4,405	4,510	4,476	4,221	4.4
Nonmetallic mineral products Primary metals	6,284 11,835	6,272 11,812	6,214 11,543	0.2 0.2	0.9 2.3	-0.7 -0.6	6,143 11,746	6,221 11,761	6,224 11,484	5,893 10,533	4.2 11.5
Fabricated metal products	18,335	17,744	17,623	3.3	0.7	0.5	18,064	17,649	17,808	16,493	9.5
Machinery Computers and electronic products	22,349 13,429	22,215 13,038	22,387 12,563	0.6 3.0	-0.8 3.8	2.0 -1.8	22,052 13,569	22,231 13,512	22,210 12,620	22,371 12,723	-1.4 6.6
Electrical equipment, appliances,											
and components Transportation equipment	6,186 12,859	6,189 12,594	6,225 12,724	0.0 2.1	-0.6 -1.0	1.7 -0.7	6,078 13,102	6,279 12,875	6,317 12,940	5,883 12,352	3.3 6.1
Furniture and related products	2,236	2,209	2,190	1.2	0.9	-0.7	2,237	2,302	2,297	2,191	2.1
Miscellaneous products	12,900	12,884	12,849	0.1	0.3	0.0	12,969	13,039	12,804	11,988	8.2
Nondurable goods industries	118,123	118,062	118,565	0.1	-0.4 -0.2	-0.8 0.5	120,319	120,427	119,708	122,849	-2.1 -0.3
Food products Beverage and tobacco products	26,156 8,419	26,059 8,356	26,111 8,343	0.4 0.8	-0.2	-0.2	27,569 8,703	27,272 8,654	26,292 8,599	27,664 8,268	-0.3
Textiles	1,456	1,470	1,463	-1.0	0.5	0.8	1,446	1,468	1,462	1,384	4.5
Textile products Apparel	1,379 1,449	1,382 1,450	1,386 1,463	-0.2 -0.1	-0.3 -0.9	0.5 1.4	1,376 1,572	1,385 1,582	1,382 1,577	1,434 1,271	-4.0 23.7
Leather and allied products	691	672	669	2.8	0.4	-0.7	719	690	684	665	8.1
Paper products Printing	6,292 2,103	6,240 2,032	6,185 2,024	0.8 3.5	0.9 0.4	-0.2 0.8	6,292 2,109	6,316 2,050	6,230 2,068	6,223 1,818	1.1 16.0
Petroleum and coal products	20,318	20,726	21,208	-2.0	-2.3	-3.7	20,905	21,031	21,465	22,592	-7.5
Chemical products Plastics and rubber products	39,046 10,814	38,921 10,754	39,027 10,686	0.3 0.6	-0.3 0.6	-0.7 0.0	38,952 10,676	39,328 10,651	39,361 10,588	40,828 10,702	-4.6 -0.2
aotioo and rabber producto	10,014	10,734	10,000	0.0	0.0	0.0	10,070	10,001	10,000	10,702	-0.2

<sup>p</sup> Preliminary <sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences,

where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

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 <sup>1</sup>

Inventory/Shipments ratio Unfilled Orders/Shipments ratio <sup>2</sup>										
	Inve	ntory/Ship	oments ra	tio	Unfille	d Orders/	Shipments	s ratio*		
Industry	Sep 2014 <sup>p</sup>	Aug 2014 <sup>r</sup>	Jul 2014	Jun 2014	Sep 2014 <sup>p</sup>	Aug 2014 <sup>r</sup>	Jul 2014	Jun 2014		
All manufacturing industries <sup>3</sup>	1.30	1.30	1.29	1.30	(X)	(X)	(X)	(X)		
Durable goods industries <sup>3</sup>	1.64 1.29 1.34 1.64 1.82 1.67 1.54 1.80 1.07 1.66	1.64 1.27 1.31 1.65 1.65 1.65 1.65 1.57 1.80 1.07 1.66	1.61 1.25 1.31 1.64 1.62 1.62 1.57 1.69 1.08 1.66	1.88 1.67 1.56 1.82 1.09	(X) (X) 1.45 2.95 3.42 7.56 2.63 15.87	6.71 (X) (X) 1.43 2.95 3.42 7.49 2.58 15.99 1.34 (X)	6.62 (X) (X) 1.42 2.94 3.43 7.42 2.56 15.27 1.33 (X)	6.47 (X) (X) 1.44 2.95 3.53 7.43 2.61 14.91 1.35 (X)		
Nondurable goods industries	0.97 0.72 1.75 1.29 1.49 2.27 2.21 1.01 0.91 0.91 0.91 1.29 1.19	0.98 0.72 1.74 1.30 1.50 2.34 2.15 1.01 0.91 0.68 1.29 1.19	0.97 0.72 1.69 1.27 1.52 2.21 2.15 1.00 0.90 0.69 1.29 1.18	1.27 1.48 2.16 2.14 1.01 0.89 0.69 1.30	888888	888888888888888888888888888888888888888	888888888888888	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)		

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

X Not Applicable <sup>p</sup> Preliminary <sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>2</sup> 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.

<sup>3</sup> Unfilled orders to shipments ratio excludes semiconductor manufacturing.

#### Table 8. Revisions to Previously Published Monthly Percent Changes <sup>1</sup>

Based on Seasonally Adjusted data from		ments	New C		Unfilled		Inven	tories
Industry	Sep <sup>2</sup> 2014	Sep <sup>3</sup> 2013- Aug 2014	Sep <sup>2</sup> 2014	Sep <sup>3</sup> 2013- Aug 2014	Sep <sup>2</sup> 2014	Sep <sup>3</sup> 2013- Aug 2014	Sep <sup>2</sup> 2014	Sep <sup>3</sup> 2013- Aug 2014
All manufacturing industries	(X)	0.2	(X)	0.3	(X)	0.1	(X)	0.1
Durable goods industries	0.2 (X) (X) 0.1 0.2 0.7 -0.1 1.1 0.2 (X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	0.3 0.8 0.5 0.5 0.3 0.3 0.4 0.4 0.5 0.5 0.5 0.5 0.1 0.3 0.6 0.5 1.0 0.8 0.9 0.2	0.2 (X) (X) 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 (X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	0.5 (NA) 0.6 1.4 0.8 1.2 0.8 0.7 0.4 (NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	0.0 0.2 0.2 0.2 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	0.1 (NA) 0.4 0.2 0.2 0.2 0.2 0.2 0.4 0.1 0.5 0.3 (NA) (NA) (NA) (NA) (NA) (NA) (NA)	0.0 0.0 0.0 0.1 0.0 0.0 0.1 0.0 0.0 0.1 0.0 0.0	0.1 0.3 0.2 0.3 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2
Petroleum and coal products Chemical products Plastics and rubber products	(X) (X) (X) (X) (X)	0.2 0.5 0.3 0.5	() () () () () () () () () () () () () (	(NA) (NA) (NA) (NA) (NA)	SS SS	(NA) (NA) (NA) (NA) (NA)	() () () () () () () () () () () () () (	0.0 0.0 0.0 0.2

#### X Not Applicable

#### NA Not Available

<sup>1</sup> Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

<sup>2</sup> The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

<sup>3</sup> 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 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: <u>http://www.census.gov/m3</u>.

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

#### **Release Dates for the M3 Survey**