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

Summary

New orders for manufactured goods in December, down five consecutive months, decreased \$16.4 billion or 3.4 percent to \$471.5 billion, the U.S. Census Bureau reported today. This followed a 1.7 percent November decrease. Excluding transportation, new orders decreased 2.3 percent.

Shipments, down four of the last five months, decreased \$5.3 billion or 1.1 percent to \$488.2 billion. This followed a 1.0 percent November decrease.

Unfilled orders, down following ten consecutive monthly increases, decreased \$9.4 billion or 0.8 percent to \$1,166.9 billion. This followed a 0.2 percent November increase. The unfilled orders-to-shipments ratio was 6.69, down from 6.81 in November.

Inventories, down following eighteen consecutive monthly increases, decreased \$2.0 billion or 0.3 percent to \$653.9 billion. This followed a slight November increase. The inventories-to-shipments ratio was 1.34, up from 1.33 in November.

New Orders

New orders for manufactured durable goods in December, down four of the last five months, decreased \$8.0 billion or 3.3 percent to \$230.6 billion, revised from the previously published 3.4 percent decrease. This followed a 2.2 percent November decrease.

Transportation equipment, also down four of the last five months, led the decrease, \$6.7 billion or 9.1 percent to \$66.8 billion.

New orders for manufactured nondurable goods decreased \$8.5 billion or 3.4 percent to \$240.8 billion.

Shipments

Shipments of manufactured durable goods in December, up following two consecutive monthly decreases, increased \$3.2 billion or 1.3 percent to \$247.4 billion, revised from the previously published 1.1 percent increase. This followed a 0.7 percent November decrease.

Transportation equipment, up three of the last four months, led the increase, \$2.6 billion or 3.7 percent to \$75.0 billion.

Shipments of manufactured nondurable goods, down seven of the last eight months, decreased \$8.5 billion or 3.4 percent to \$240.8 billion. This followed a 1.2 percent November decrease. Petroleum and coal products, down six consecutive months, drove the decrease, \$9.2 billion or 14.7 percent to \$53.4 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in December, down following ten consecutive monthly increases, decreased \$9.4 billion or 0.8 percent to \$1,166.9 billion, unchanged from the previously published decrease. This followed a 0.2 percent November increase.

Transportation equipment, also down following ten consecutive monthly increases, led the decrease, \$8.2 billion or 1.1 percent to \$739.6 billion.

Inventories

Inventories of manufactured durable goods in December, up twenty of the last twenty-one months, increased \$1.8 billion or 0.4 percent to \$410.5 billion, revised from the previously published 0.5 percent increase. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a 0.5 percent November increase.

Transportation equipment, also up twenty of the last twenty-one months, led the increase, \$0.5 billion or 0.4 percent to \$133.9 billion.

Inventories of manufactured nondurable goods, down seven consecutive months, decreased \$3.8 billion or 1.5 percent to \$243.4 billion. This followed a 0.7 percent November decrease. Petroleum and coal products, also down seven consecutive months, led the decrease, \$3.4 billion or 7.9 percent to \$39.5 billion.

By stage of fabrication, December materials and supplies increased 0.6 percent in durable goods and decreased 1.1 percent in nondurable goods. Work in process increased 0.4 percent in durable goods and decreased 3.8 percent in nondurable goods. Finished goods increased 0.3 percent in durable goods and decreased 0.9 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 January is scheduled for release on February 26, 2015 at 8:30 a.m. EST and the Full Report on March 5, 2015 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

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

		Sea	asonally Ad	ljusted					Not	Seasonally A	Adjusted		
		Monthly		Per	cent Cha	ange		Mor	nthly			Year to date	
Industry	Dec. 2014 ^p	Nov. 2014 ^r	Oct. 2014	Nov Dec.	Oct Nov.	Sep Oct.	Dec. 2014 ^p	Nov. 2014 ^r	Oct. 2014	Dec. 2013	2014 ^p	2013	% Char 2014 2013
All manufacturing industries	488,245	493,522	498,489	-1.1	-1.0	-0.9	480,639	470,631	516.664	480,051	5,969,888	5,835,205	
Excluding transportation	413,241	421,160	425,414	-1.9	-1.0	-1.2	403,522	401,811	438,374	411,879	5,110,448	5,012,475	
Excluding defense	475,656	481,443	486,473	-1.2	-1.0		466,690	458,006	505,075	467,097	5,827,259	5,689,041	
With unfilled orders	174,536	172,757	174,054	1.0	-0.7	-0.1	177,489	162,746	178,334	163,341	2,043,327	1,934,970	
Durable goods industries	247,409	244,212	246,032	1.3	-0.7	-0.1	247,126	229,571	257,170	229,442	2,902,795	2,763,242	
Durable goods industries													
Wood products	8,212	8,141	8,231	0.9	-1.1	-1.0	7,071	7,361	8,776	6,396	97,523	87,389	1
Nonmetallic mineral products	9,327	9,120	9,296	2.3	-1.9		8,031	8,475	10,469	7,256	108,922	101,488	
Primary metals	27,535	27,370	27,816	0.6	-1.6		24,993	24,957	28,757	23,411	324,440	304,234	
Iron and steel mills Aluminum and nonferrous metals	11,154	11,335 14,241	11,552 14,443	-1.6 2.0	-1.9 -1.4		10,416 12,920	10,264 13,108	11,792 15,102	9,966 12,001	133,315	127,456	
Ferrous metal foundries	14,520 1,861	1,794	1,821	3.7	-1.4	-1.0	1,657	1,585	1,863	1,444	169,894 21,231	156,521 20,257	
Fabricated metal products	30,789	30,356	30,388	1.4	-0.1	-0.4	28,553	28,245	32,176	26,333	359,779	346,794	
Machinery	36,147	36,519	36,829	-1.0	-0.8	-0.9	37,325	33,490	37,262	36,195	434,668	411,633	
Farm machinery	1,193	1,088	1,184	9.7	-8.1	-7.7	978	749	1,030	2,485	18,869	25,466	-2
Construction machinery	4,323	4,455	4,587	-3.0	-2.9	-1.2	4,432	4,296	5,134	4,440	55,002	54,916	
Mining, oil field, and													
gas field machinery	2,155	2,288	2,300	-5.8	-0.5		2,455	2,177	2,287	2,631	27,390	26,212	
Industrial machinery	5,222	5,556	5,568	-6.0	-0.2		6,112	4,939	5,461	4,821	61,971	45,548	
Photographic equipment Ventilation, heating, air-conditioning,	732	757	719	-3.3	5.3	-1.6	819	793	764	750	8,589	8,088	
and refrigeration equipment	3,797	3,742	3,759	1.5	-0.5	0.6	3,518	3,255	3,551	3,326	44,531	43,648	
Metalworking machinery	3,305	3,422	3,446	-3.4	-0.7	5.5	3,791	3,249	3,645	3,520	38,945	36,729	
Turbines, generators, and other		.,	.,				.,	.,=	.,	.,=	,0	,0	1
power transmission equipment	4,425	4,203	4,113	5.3	2.2	-5.6	4,228	4,081	4,234	3,666	48,704	47,002	
Material handling equipment	2,955	2,919	3,039	1.2	-3.9		3,085	2,696	3,265	3,043	35,685	34,160	
Computers and electronic products ²	28,711	28,750	28,844	-0.1	-0.3		31,930	27,781	29,424	31,495	347,262	333,026	
Computers	331	339	342	-2.4	-0.9		431	327	316	624	4,887	6,194	-
Computer storage devices	737	780	782	-5.5	-0.3		1,247	620	545	1,806	10,492	12,001	-1
Other peripheral equipment	798	815	837	-2.1	-2.6	2.1	1,357	679	707	1,449	10,343	9,849	
Nondefense communications	2 214	2.051	2.246		6.0	10	4 1 9 0	0 771	2 005	4 1 4 1	40.262	42.002	
equipment Defense communications equipment	3,314 409	3,051 381	3,246 390	8.6 7.3	-6.0 -2.3		4,189 399	2,771 397	2,995 405	4,141 414	40,363 4,729	42,002 5,163	
Audio and video equipment	284	320	330	-11.3	-2.3	-7.8	333	450	361	466	4,729	3,384	2
Electronic components	3,716	3,716	3,726	0.0	-0.3		3,998	3,628	3,694	3,633	43,486	41,479	
Nondefense search and navigation	-,	-,	-,				-,	-,	.,	-,	,	,	
equipment	1,397	1,427	1,434	-2.1	-0.5	1.7	1,545	1,368	1,368	1,442	16,578	15,682	
Defense search and navigation													
equipment	2,880	3,101	2,977	-7.1	4.2	1.1	3,215	3,340	2,924	3,273	35,125	34,597	
Electromedical, measuring,													
and control instruments	7,245	7,157	6,979	1.2	2.6	-0.4	8,481	6,689	6,479	7,547	82,364	75,221	
Electrical equipment, appliances, and components	10,636	10,648	10,515	-0.1	1.3	-1.3	10,393	10,268	10,691	9,819	125,182	123,069	
Electric lighting equipment	845	867	871	-2.5	-0.5		917	886	911	977	123,182	10,197	
Household appliances	1,815	1,828	1,816	-0.7	0.7	-0.6	1,709	1,822	1,863	1,593	21,355	19,941	
Electrical equipment	3,376	3,460	3,452	-2.4	0.2	2.2	3,342	3,144	3,340	3,304	40,523	40,156	
Batteries	1,057	1,009	1,030	4.8	-2.0	-8.0	1,131	1,127	1,176	1,107	12,335	11,605	
Transportation equipment	75,004	72,362	73,075	3.7	-1.0	0.7	77,117	68,820	78,290	68,172	859,440	822,730	
Automobiles	10,330	9,824	9,909	5.2	-0.9		9,768	9,375	11,636	8,365	115,044	126,132	
Light trucks and utility vehicles	13,971	13,311	13,026	5.0	2.2	-0.6	13,220	12,247	14,782	12,162	162,246	154,393	
Heavy duty trucks Motor vehicle bodies, parts,	2,911	2,891	3,035	0.7	-4.7	2.5	2,865	2,649	3,248	2,159	32,503	27,112	
and trailers	22,171	21,761	21,734	1.9	0.1	0.9	19,608	20,407	23,987	17,202	255,008	233.900	
Nondefense aircraft and parts	12,847	12,528	13,127	2.5	-4.6		17,753	12,061	12,619	15,789	151,007	136,356	
Defense aircraft and parts	4,713	4,502	4,595	4.7	-2.0		5,475	4,760	4,352	4,794	54,657	56,650	
Ships and boats	2,630	2,490	2,439				2,617	2,462	2,473	2,594	28,792		
Furniture and related products	6,092	5,962	5,948	2.2	0.2	1.4	5,962	5,666	5,974	5,481	69,524	67,204	
Miscellaneous durable goods	14,956	14,984	15,090	-0.2	-0.7	-0.5	15,751	14,508	15,351	14,884	176,055	165,675	
Nondurable goods industries	240,836	249,310	252,457	-3.4	-1.2	-1.6	233,513	241,060	259,494	250,609	3,067,093	3,071,963	
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Food products	67,110	66,563	67,111	0.8	-0.8		67,507	68,241	70,816	63,486	792,487	747,100	
Grain and oilseed milling	7,755	7,693	7,777	0.8	-1.1	0.0	8,124	8,176	8,697	8,142	93,332	97,098	
Dairy products Meat, poultry, and seafood products	9,682 20,610	9,838 20,357	10,044 20,445	-1.6 1.2	-2.1 -0.4	0.9 -0.2	9,636 20,255	10,094 20,627	10,394 21,012	8,771 18,716	116,663 241,725	102,479 218,698	
Beverage and tobacco products	12,025	11,947	12,248	0.7	-0.4		11,728	11,833	12,219	11,265	143,338	143,590	
Beverages	8,539	8,590	8,704	-0.6	-2.5	-0.7	8,242	8,476	8,675	8,312	143,338	143,390	
Tobacco	3,486	3,357	3,544	3.8	-5.3		3,486	3,357	3,544	2,953	39,407	39,277	
Fextile mills	2,626	2,627	2,645	0.0	-0.7	-1.0	2,305	2,468	2,742	2,354	32,000	31,651	I
Fextile products	2,151	2,058	2,055	4.5	0.1	0.7	1,912	1,985	2,094	1,890	24,725	24,875	
Apparel	1,325	1,303	1,271	1.7	2.5		1,243	1,478	1,518	1,044	14,657	13,442	
eather and allied products	508	517	510	-1.7	1.4	4.7	496	492	532	479	5,969	5,758	
Paper products	14,614	14,496	14,486	0.8	0.1	0.3	14,450	13,835	15,061	13,865	173,607	171,356	
Pulp, paper, and paperboard mills	6,780	6,757	6,701	0.3	0.8		6,803	6,375	6,862	6,607	81,102	80,086	
Paperboard containers	4,562	4,519	4,520	1.0	0.0		4,394	4,293	4,790	4,134	53,593	52,271	
Printing Petroleum and coal products	6,520 53 300	6,534	6,533	-0.2	0.0	-0.1	6,518 50.063	6,545	7,000	6,284 71 159	77,805	77,667	
Petroleum and coal products Petroleum refineries	53,390 49,475	62,559 58 713	64,262 60,539	-14.7	-2.7 -3.0	-5.9 -6.1	50,063 47,036	59,407 56,126	65,112 60,928	71,159 68,529	822,508 778 534	868,363 826,546	
Chemical products	49,475 61,628	58,713 61,836	62,315	-15.7 -0.3	-3.0		47,036 59,995	56,126	62,488	68,529 61,993	778,534 752,701	826,546 765,819	
Pesticides, fertilizers, and other	01,020	01,000	02,313	-0.3	-0.0	-1.4	59,995	51,513	02,400	01,993	132,101	700,019	1
agricultural chemicals	2,999	2,788	2,763	7.6	0.9	0.2	2,634	2,244	2,144	2,170	33,795	31,906	
Pharmaceuticals and medicines	13,856	13,884	13,887	-0.2	0.0		14,491	13,420	14,485	16,064	174,962	187,052	
Paints, coatings, and adhesives	3,175	3,088	3,063	2.8	0.8		2,605	2,584	3,154	2,469	37,045	36,676	
	18,939	18,870	19,021	0.4	-0.8	-0.2	17,296	17,403	19,912	16,790	227,296	222,342	

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

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

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

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

		5	Seasonally	Adjusted					Not S	easonally A	djusted		
		Monthly		Per	cent Chan	ge		Mon	thly		١	ear to date	
Industry	Dec. 2014 ^p	Nov. 2014 ^r	Oct. 2014	Nov Dec.	Oct Nov.	Sep Oct.	Dec. 2014 ^p	Nov. 2014 ^r	Oct. 2014	Dec. 2013	2014 ^p	2013	% Change 2014/ 2013
All manufacturing industries ²	471,454	487,885	496,278	-3.4	-1.7	-0.7	480,274	465,611	506,720	494,858	5,986,557	5,821,159	2.8
Excluding transportation ²	404,632	414,356	419,717	-2.3	-1.3	-1.5	395,228	392,960	429,484	405,257	5,044,982	4,951,517	1.9
Excluding defense ²	461,024	476,424	482,834	-3.2	-1.3	-1.2	465,261	455,800	494,656	480,575	5,848,455	5,694,445	2.7
With unfilled orders ²	165,098	174,530	179,389	-5.4	-2.7	0.5	183,553	164,949	177,712	184,474	2,151,165	2,004,384	7.3
Durable goods industries ²	230,618	238,575	243,821	-3.3	-2.2	0.3	246,761	224,551	247,226	244,249	2,919,464	2,749,196	6.2
Primary metals	26,597	27,107	28,099	-1.9	-3.5	-2.0	24,842	25,262	28,816	23,917	327,308	308,160	6.2
Iron and steel mills	10,396	10,762	11,659	-3.4	-7.7	-3.3	10,317	10,116	11,626	9,839	134,380	129,474	3.8
Aluminum and nonferrous metals	14,272	14,556	14,522	-2.0	0.2	-0.9	12,762	13,552	15,229	12,582	171,093	158,525	7.9
Ferrous metal foundries	1,929	1,789	1,918	7.8	-6.7	-2.9	1,763	1,594	1,961	1,496	21,835	20,161	8.3
Fabricated metal products	30,879	30,562	30,957	1.0	-1.3	0.1	28,293	27,297	31,555	24,942	360,986	351,639	2.7
Machinery Construction machinery Mining, oil field, and	34,878 4,133	36,016 4,251	36,304 4,376	-3.2 -2.8	-0.8 -2.9	-2.1 -3.4	35,230 4,401	32,530 4,085	36,404 4,653	36,514 5,098	442,675 59,067	417,590 56,335	6.0 4.8
gas field machinery	1,920	2,085	1,979	-7.9	5.4	-17.8	1,859	1,785	2,091	2,116	26,528	27,884	-4.9
Industrial machinery	5,037	5,037	5,504	0.0	-8.5	-6.4	5,755	4,314	5,527	5.087	61,233	46.698	31.1
Photographic equipment	696	666	648	4.5	2.8	62.8	600	651	666	649	7,778	8,759	-11.2
Ventilation, heating, air-conditioning,													
and refrigeration equipment	3,765	3,802	3,932	-1.0	-3.3	0.1	3,380	3,348	3,692	3,446	45,905	43,866	4.6
Metalworking machinery Turbines, generators, and other	3,205	3,305	3,299	-3.0	0.2	8.1	3,599	3,100	3,551	3,397	38,595	36,673	5.2
power transmission equipment	3,664	4,180	4,004	-12.3	4.4		3,803	4,089	4,013	3,650	50,946	47,665	6.9
Material handling equipment	3,239	3,193	3,263	1.4	-2.1	4.9	3,549	2,821	3,193	3,438	37,598	34,598	8.7
Computers and electronic products ²	21,948	22,302	22,429	-1.6	-0.6		26,373	20,543	21,354	25,387	265,892	255,875	3.9
Computers	297	431	426	-31.1	1.2	-12.9	397	419	400	638	5,692	6,356	-10.4
Nondefense communications equipment	3,802	3,840	3,423	-1.0	12.2	7.9	4,779	3,257	3,257	4,893	44,567	47,838	-6.8
Defense communications equipment	3,802	3,840	3,423	-1.0	-12.4	14.8	4,779	294	3,237	4,093	44,567	47,030	-0.0
Electronic components	3,764	3,786	3,780	-0.6	0.2	3.3	4,004	3,596	3,755	3,478	43,773	41,521	5.4
Nondefense search and navigation	0,101	0,100	0,100	0.0	0.2	0.0	1,001	0,000	0,100	0,110	10,110	11,021	0.1
equipment	1,767	1,683	1,823	5.0	-7.7	-2.7	1,418	1,641	1,888	1,277	20,835	19,207	8.5
Defense search and navigation													
equipment	2,595	2,765	3,189	-6.1	-13.3	-6.7	3,434	2,617	3,194	2,846	34,531	31,370	10.1
Electromedical, measuring,	7 0 5 0	7 007	7 005	0.0	1.0	0.5	0 705	0.004	0.005	7 740	00.070	75 004	40.0
and control instruments Electrical equipment, appliances,	7,352	7,297	7,205	0.8	1.3	-0.5	8,725	6,681	6,605	7,713	83,673	75,931	10.2
and components	10,829	10,718	10,800	1.0	-0.8	-4.3	10,562	10,058	11,170	10,211	128,263	124,385	3.1
Electric lighting equipment	847	868	904	-2.4	-4.0	1.8	884	880	935	945	10,496	10,146	3.4
Household appliances	1,893	1,783	1,795	6.2	-0.7	-3.1	1,768	1,795	1,883	1,596	21,536	20,029	7.5
Electrical equipment	3,443	3,495	3,624	-1.5	-3.6		3,230	3,214	3,611	3,255	41,696	40,588	2.7
Transportation equipment	66,822	73,529	76,561	-9.1	-4.0	3.5	85,046	72,651	77,236	89,601	941,575	869,642	8.3
Motor vehicle bodies, parts,													
and trailers	22,333	22,091	21,846	1.1	1.1	0.8	20,418	20,953	23,746	17,707	256,688	233,631	9.9
Nondefense aircraft and parts	6,097	13,701	15,399	-55.5	-11.0	0.8	23,642	17,181	11,383	34,466	233,119	200,708	16.1
Defense aircraft and parts	4,096	4,754	5,312	-13.8	-10.5		6,609	4,480	5,342	6,388	53,465	48,802	9.6
Ships and boats	2,632	2,200	2,379	19.6	-7.5	9.6		1,767	1,853	1,871	28,947	22,963	26.1
Furniture and related products	6,145	6,006	6,006	2.3	0.0	-0.2	5,537	5,776	6,047	5,144	70,161	67,286	4.3
Nondurable goods industries	240,836	249,310	252,457	-3.4	-1.2	-1.6	233,513	241,060	259,494	250,609	3,067,093	3,071,963	-0.2

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

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

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

² 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 http://www.census.gov/manufacturing/m3/s.

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

Ilars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

			Seasonally A	djusted				Not S	easonally Adj	usted	
		Monthly		Pe	rcent Chan	ge		Mon	thly		% Change
Industry	Dec. 2014 ^p	Nov. 2014 ^r	Oct. 2014	Nov Dec.	Oct Nov.	Sep Oct.	Dec. 2014 ^p	Nov. 2014 ^r	Oct. 2014	Dec. 2013	Dec. 2014/ 2013
All manufacturing industries ²	1,166,943	1,176,381	1,174,608	-0.8	0.2	0.5	1,168,116	1,162,052	1,159,849	1,060,278	10.2
Excluding transportation ²	427,350	428,606	428,000	-0.3	0.1	0.4	419,540	421,405	423,033	393,837	6.5
Excluding defense ²	979,895	987,174	984,783	-0.7	0.2	0.4	981,739	976,739	971,722	869,374	12.9
Durable goods industries ²	1,166,943	1,176,381	1,174,608	-0.8	0.2	0.5	1,168,116	1,162,052	1,159,849	1,060,278	10.2
Primary metals	39,400	40,338	40,601	-2.3	-0.6	0.7	38,921	39,072	38,767	36,053	8.0
Iron and steel mills	19,112	19,870	20,443	-3.8	-2.8	0.5	18,782	18,881	19,029	17,717	6.0
Aluminum and nonferrous metals	15,578	15,826	15,511	-1.6	2.0	0.5	15,518	15,676	15,232	14,319	8.4
Ferrous metal foundries	4,710	4,642	4,647	1.5	-0.1	2.1	4,621	4,515	4,506	4,017	15.0
Fabricated metal products	88,019	87,929	87,723	0.1	0.2	0.7	85,004	85,264	86,212	83,797	1.4
Machinery	118,198	119,467	119,970	-1.1	-0.4	-0.4	115,754	117,849	118,809	107,747	7.4
Construction machinery	16,053	16,243	16,447	-1.2	-1.2	-1.3	15,425	15,456	15,667	11,360	35.8
Mining, oil field, and											
gas field machinery	13,484	13,719	13,922	-1.7	-1.5	-2.3	13,130		14,118	13,992	-6.2
Industrial machinery	8,022	8,207	8,726	-2.3	-5.9	-0.7	7,741	8,098	8,723	8,479	-8.7
Photographic equipment Ventilation, heating, air-conditioning,	3,344	3,380	3,471	-1.1	-2.6	-2.0	3,168	3,387	3,529	3,979	-20.4
and refrigeration equipment	7,005	7,037	6,977	-0.5	0.9	2.5	6,803	6,941	6,848	5,429	25.3
Metalworking machinery	5,623	5,723	5,840	-1.7	-2.0	-2.5	5,475	5,667	5,816	5,825	-6.0
Turbines, generators, and other											
power transmission equipment	28,305	29,066	29,089	-2.6	-0.1	-0.4	28,451	28,876	28,868	26,209	8.6
Material handling equipment	12,610	12,326	12,052	2.3	2.3	1.9	12,331	11,867	11,742	10,418	18.4
Computers and electronic products ²	147,541	146,951	145,989	0.4	0.7	0.8	146,770	145,898	145,913	136,971	7.2
Computers	4,194	4,228	4,136	-0.8	2.2	2.1	4,194	4,228	4,136	3,389	23.8
Nondefense communications	.,	-,====	.,				.,	.,	.,	-,	
equipment	36,260	35,772	34,983	1.4	2.3	0.5	35,996	35,406	34,920	31,792	13.2
Defense communications equipment	3,274	3,378	3,427	-3.1	-1.4	-0.3	3,266	3,292	3,395	3,735	-12.6
Electronic components	13,022	12,974	12,904	0.4	0.5	0.4	12,854	12,848	12,880	12,567	2.3
Nondefense search and navigation	,	,	,				,	,	,	,	
equipment	22,272	21,902	21,646	1.7	1.2	1.8	22,002	22,129	21,856	17,745	24.0
Defense search and navigation										-	
equipment	41,235	41,520	41,856	-0.7	-0.8	0.5	41,350	41,131	41,854	41,944	-1.4
Electromedical, measuring,											
and control instruments	27,284	27,177	27,037	0.4	0.5	0.8	27,108	26,864	26,872	25,799	5.1
Electrical equipment, appliances,											
and components	25,992	25,799	25,729	0.7	0.3	1.1	25,371	25,202	25,412	22,290	13.8
Electric lighting equipment	1,183	1,181	1,180	0.2	0.1	2.9	1,150	1,183	1,189	1,131	1.
Household appliances	937	859	904	9.1	-5.0	-2.3	940	881	908	759	23.8
Electrical equipment	12,736	12,669	12,634	0.5	0.3	1.4	12,427	12,539	12,469	11,254	10.4
Transportation equipment	739,593	747,775	746,608	-1.1	0.2	0.5	748,576		736,816	666,441	12.3
Motor vehicle bodies, parts,											
and trailers	17,936	17,774	17,444	0.9	1.9	0.6	18,196	17,386	16,840	16,516	10.2
Nondefense aircraft and parts	568,883	575,633	574,460	-1.2	0.2	0.4	577,820	571,931	566,811	495,708	16.6
Defense aircraft and parts	62,867	63,484	63,232	-1.0	0.4	1.1	63,319	62,185	62,465	64,511	-1.8
Ships and boats	19,349	19,347	19,637	0.0	-1.5	-0.3	18,268	18,504	19,199	18,113	0.9
Furniture and related products	6,918	6,865	6,821	0.8	0.6	0.9	6,438	6,863	6,753	5,801	11.0
	-,	- , - • • •	.,,=.	,			.,	.,,,,,	.,	.,	

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

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

and trading-day dimeterices, 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

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 S	easonally Adj	usted	
		Monthly		Pe	ercent Chang	ge		Mon	nthly		% Change
Industry	_		-			-	_			_	Dec.
	Dec.	Nov.	Oct.	Nov	Oct	Sep	Dec.	Nov.	Oct.	Dec.	2014/
	2014 ^p	2014 ^r	2014	Dec.	Nov.	Oct.	2014 ^p	2014 ^r	2014	2013	2013
All manufacturing industries	653,863	655,876	655,567	-0.3	0.0	0.1	634,786	656,236	658,561	619,289	2.
Excluding transportation	519,950	522,502	523,582	-0.5	-0.2	-0.1	505,285	522,549	525,932	501,095	0.
Excluding defense	624,381	626,330	626,276	-0.3	0.0	0.0	605,547	626,681	629,423	591,226	2.
With unfilled orders	337,410	336,231	334,294	0.4	0.6	0.5	327,737	336,694	335,130	308,791	6.
Durable goods industries	410,504	408,714	406,602	0.4	0.5	0.5	399,450	409,635	407,693	377,594	5.
Wood products	10,896	10,875	10,721	0.2	1.4	0.5	10,776	10,833	10,669	10,136	6.
Nonmetallic mineral products	12,216	10,875	12,222	0.2	-0.4	1.0	11,931	11,834	11,837	11,566	3
Primary metals	38,393	38,080	37,721	0.8	1.0	0.6	38,074	37,774	37,536	34,977	8
Iron and steel mills	22,097	21,964	21,812	0.6	0.7	0.7	21,906	21,837	21,752	20,163	8
Aluminum and nonferrous metals	14,051	13,868	13,617	1.3	1.8	0.2	13,973	13,710	13,506	12,638	10
Ferrous metal foundries	2,245 50,710	2,248 50,482	2,292 50,121	-0.1 0.5	-1.9 0.7	2.0 0.4	2,195 49,822	2,227 50,053	2,278 49,882	2,176 47,394	0 5
Fabricated metal products	67,685	67,593	67,924	0.5	-0.5	0.4	49,822	68,341	49,002 68,135	63,824	1
Farm machinery	3,462	3,565	3,695	-2.9	-3.5	-1.2	3,501	3,534	3,318	3,986	-12
Construction machinery	5,258	5,209	5,239	0.9	-0.6	0.3	5,171	5,255	5,312	5,172	0
Mining, oil field,											
and gas field machinery	6,841	6,933	7,004	-1.3	-1.0	2.7	6,588	6,944	6,958	6,888	-4
Industrial machinery Photographic equipment	6,782 1,545	6,684 1,534	6,792 1,530	1.5 0.7	-1.6 0.3	0.6 -0.6	6,561 1,488	6,799 1,575	6,823 1,564	6,390 1,570	2 -5
Ventilation, heating, air-conditioning,	1,545	1,554	1,000	0.7	0.5	-0.0	1,400	1,575	1,504	1,570	-5
and refrigeration equipment	5,373	5,300	5,215	1.4	1.6	1.2	4,861	5,164	5,146	4,383	10
Metalworking machinery	5,792	5,754	5,696	0.7	1.0	0.5	5,636	5,857	5,798	5,310	6
Turbines, generators, and other											
power transmission equipment	10,593	10,719	10,784	-1.2	-0.6	-0.6	9,831	11,193	11,151	9,495	3
Material handling equipment Computers and electronic products ²	4,773 49,019	4,767 48,837	4,733 49,037	0.1 0.4	0.7 -0.4	0.7 0.4	4,489 47,821	4,818 49,625	4,845 49,751	4,311 46,463	4
Computers and electronic products	43,013	909	43,037 961	-3.2	-5.4	2.6	812	948	985	839	-3
Computer storage devices	2,140	2,085	2,079	2.6	0.3	-0.5	2,030	2,216	2,213	1,823	11
Other peripheral equipment	1,776	1,635	1,629	8.6	0.4	-3.3	1,643	1,686	1,637	1,702	-3.
Nondefense communications											
equipment	6,213 967	6,356 989	6,492 1,002	-2.2 -2.2	-2.1 -1.3	-0.8	6,043 967	6,571 989	6,562 1,002	6,353 1,328	-4. -27.
Defense communications equipment Audio and video equipment	937	989	915	-2.2	-1.3	1.4 2.0	907	1,013	1,002	695	-27.
Electronic components	9,028	8,969	8,986	0.7	-0.2	0.4	8,812	8,937	9,027	8,193	7.
Nondefense search and navigation	- ,	-,	-,	-		-	- , -	-,		-,	
equipment	3,895	3,836	3,827	1.5	0.2	0.2	3,816	3,801	3,908	3,556	7.
Defense search and navigation	0.400							0.070	0.050		
equipment Electromedical, measuring	3,496	3,419	3,382	2.3	1.1	2.9	3,364	3,378	3,356	3,061	9.
and control instruments	12,872	12,981	13,003	-0.8	-0.2	0.1	12,370	13,192	13,016	11,949	3.
Electrical equipment, appliances,		,	-,			-	,	-, -	- ,	,	
and components	16,692	16,609	16,399	0.5	1.3	-1.0	16,047	16,557	16,471	16,078	-0.
Electric lighting equipment	2,298	2,282	2,290	0.7	-0.3	-0.4	2,204	2,278	2,270	2,094	5.
Household appliances Electrical equipment	1,955 4,748	1,952 4,785	2,004 4,816	0.2 -0.8	-2.6 -0.6	2.1 -0.6	1,781 4,632	1,892 4,851	2,043 4,817	1,723 4,739	3 -2
Batteries	1,190	1,193	1,215	-0.8	-0.0	-0.0	1,112	1,170	1,239	1,129	-2
Transportation equipment	133,913	133,374	131,985	0.0	1.0	0.9	129,501	133,687	132,629	118,194	9.
Automobiles	2,865	2,874	2,874	-0.3	0.0	-2.5	2,746	2,994	2,988	2,420	13.
Light trucks and utility vehicles	2,838	2,774	2,716	2.3	2.1	-0.5	2,522	2,842	2,879	2,203	14.
Heavy duty trucks	1,557	1,572	1,603	-1.0	-1.9	2.3	1,453	1,644	1,686	1,559	-6
Motor vehicle bodies, parts, and trailers	20,290	20,202	20,167	0.4	0.2	0.9	19,938	20,227	20,332	18,299	9
Nondefense aircraft and parts	76,164	75,574	74,616	0.4	1.3	1.1	73,054	75,521	74,773	65,567	11
Defense aircraft and parts	14,125	14,399	14,522	-1.9	-0.8	1.4	13,917	14,369	14,519	13,117	6
Ships and boats	2,296	2,285	2,233	0.5	2.3	-2.1	2,340	2,285	2,227	2,608	-10
Furniture and related products	6,351	6,333	6,315	0.3	0.3	0.4	6,203	6,355	6,300	5,862	5
Miscellaneous durable goods	24,629	24,352	24,157	1.1	0.8	-0.4	24,216	24,576	24,483	23,100	4
Nondurable goods industries	243,359	247,162	248,965	-1.5	-0.7	-0.6	235,336	246,601	250,868	241,695	-2
Food products	47,211	47,105	47,229	0.2	-0.3	-0.1	47,079	49,203	50,315	46,351	1
Grain and oilseed milling	4,808	4,846	4,818	-0.8	-0.3	-0.1	5,032	49,203	5,206	5,250	-4
Dairy products	6,595	6,550	6,536	0.0	0.2	0.0	6,064	6,230	6,507	5,476	10
Meat, poultry, and seafood products	9,288	9,273	9,302	0.2	-0.3	0.9	9,132	9,620	9,608	8,825	3
Beverage and tobacco products	21,369	21,267	21,244	0.5	0.1	-0.1	21,358	21,704	22,094	20,398	4
Beverages	16,952	16,861	16,875	0.5	-0.1	-0.6	16,800	17,134	17,625	16,121	4
Tobacco	4,417 3,502	4,406 3,485	4,369 3,460	0.2 0.5	0.8 0.7	1.8 0.1	4,558 3,439	4,570 3,441	4,469 3,443	4,277 3,342	6
Textile products	3,055	3,403	3,400	-0.3	0.7	0.1	2,966	3,021	3,040	3,045	-2
Apparel	2,971	2,956	2,877	0.5	2.7	3.7	2,815	2,875	2,952	2,265	24
_eather and allied products	1,103	1,101	1,094	0.2	0.6	0.6	1,081	1,105	1,104	1,017	6
Paper products	14,795	14,758	14,711	0.3	0.3	0.0	14,663	14,651	14,564	14,273	2
Pulp, paper, and paperboard mills	6,257	6,221	6,171	0.6	0.8	0.4	6,221	6,170	6,062	5,958	4
Paperboard containers	4,445 5,984	4,444 5,960	4,423 5,963	0.0 0.4	0.5 -0.1	0.2 0.6	4,441 5 717	4,398 5,943	4,384 6,084	4,257 5,381	4
Printing Petroleum and coal products	5,984 39,460	5,960 42,859	5,963 44,683	0.4 -7.9	-0.1 -4.1	-3.6	5,717 35,964	5,943 42,149	6,084 44,398	5,381 45,275	-20
Petroleum refineries	39,480	42,859	44,083	-7.9	-4.1	-3.0	32,205	38,435	44,398	45,275	-20
Chemical products	81,439	81,932	81,898	-0.6	0.0	0.0	78,419	80,287	80,524	78,323	0
Pesticides, fertilizers, and other											
agricultural chemicals	4,222	4,318	4,471	-2.2	-3.4	2.8	4,339	4,251	4,269	4,340	0
Pharmaceuticals and medicines	31,060	31,152	31,038	-0.3	0.4	-0.3	29,457	30,338	30,525	29,509	-0
Paints, coatings, and adhesives Plastics and rubber products	3,504 22,470	3,489 22,675	3,464	0.4 -0.9	0.7	0.5 0.5	3,318	3,350 22,222	3,295 22,350	3,177 22,025	4 -0
EIGSUES AUD TOODEL DIOOUCIS	22,470	22,675	22,746	-0.9	-0.3	0.5	21,835	22,222	22,350	22,025	-(

^p Preliminary ^rRevised 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 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}

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

		Sea	sonally Adj	usted					Not	Seasonally /	Adjusted		
		Monthly		Perc	cent Cha	inge		Mon	thly	-	Year to	o date	
Industry													% Change
	Dec.	Nov.	Oct.	Nov	Oct	Sep	Dec.	Nov.	Oct.	Dec.			2014/
	2014 ^p	2014 ^r	2014	Dec.	Nov.	Oct.	2014 ^p	2014 ^r	2014	2013	2014 ^p	2013	2013
SHIPMENTS													
All manufacturing industries	488,245	493,522	498,489	-1.1	-1.0	-0.9	480,639	470,631	516,664	480,051	5,969,888	5,835,205	2.3
Construction materials and supplies	46,690	45,955	46,110	1.6	-0.3	-0.6	41,017	42,025	49,689	37,512	545,113	517,232	5.4
Information technology	21,917	21,865	21,637	0.2	1.1	-1.2	25,616	21,012	20,573	25,124	261,688	257,345	1.7
Computers and related products Motor vehicle and parts	1,866 49,383	1,934 47,787	1,961 47,704	-3.5 3.3	-1.4 0.2	-0.7 0.7	3,035 45,461	1,626 44,678	1,568 53,653	3,879 39,888	25,722 564,801	28,044 541,537	-8.3
Capital goods	89,655	88,823	89,628	0.9	-0.9	-1.0	100,553	83,849	88,819	94,944	1,053,735	1,004,637	4.9
Nondefense capital goods ³	79,244	78,856	79,827	0.5	-1.2	-1.3	89,225	73,464	79,385	84,298	937,245	885,831	5.8
Excluding aircraft	70,047	69,941	70,289	0.2	-0.5	-0.9	75,584	65,066	70,111	71,995	830,296	790,320	
Defense capital goods ⁴	10,411	9,967	9,801	4.5	1.7	1.5	11,328	10,385	9,434	10,646	116,490	118,806	
Consumer goods	196,828 38,578	204,187 37,491	206,731 37,428	-3.6 2.9	-1.2 0.2	-1.6 0.8	193,156 37,068	200,056 35,461	215,817	207,878 33,867	2,520,835 445,349	2,526,421 438,464	-0.2
Consumer durable goods Consumer nondurable goods	158,250	166,696	169,303		-1.5		156,088	164,595	41,142 174,675	174,011	2,075,486	2,087,957	-0.6
NEW ORDERS													
All manufacturing industries ⁵	471,454	487,885	496,278	-3.4	-1.7	-0.7	480,274	465,611	506,720	494,858	5,986,557	5,821,159	2.8
Construction materials and supplies	46,371	46,296	46,775	0.2	-1.0	0.5	40,458	41,788	49,859	37,736	550,060	518,465	6.1
Information technology	22,469	22,745	22,744	-1.2	0.0	-1.0	26,518	20,640	21,830	25,866	272,097	265,130	
Computers and related products Motor vehicle and parts	1,832 49,545	2,026 48,117	2,045 47,816	-9.6 3.0	-0.9 0.6	-3.3 0.7	3,001 46,271	1,718 45,224	1,652 53,412	3,893 40,393	26,527 566,481	28,206 541,268	-6.0
Capital goods	82,012	90,267	92,782	-9.1	-2.7	1.0	106,415	86,061	86,322	113,259	1,140,410	1,067,868	6.8
Nondefense capital goods ³	73,646	81,184	82,432	-9.3	-1.5	0.0	94,790	78,593	77,766	102,302	1,030,108	966,431	6.6
Excluding aircraft	70,586	70,643	70,997	-0.1	-0.5	-1.8	74,908	64,222	70,472	72,305	850,988	811,126	
Defense capital goods ⁴	8,366	9,083	10,350	-7.9	-12.2	10.0	11,625	7,468	8,556	10,957	110,302	101,437	8.7
Consumer goods Consumer durable goods	196,978 38,728	204,272 37,576	206,804 37,501	-3.6 3.1	-1.2 0.2	-1.7 0.6	193,203 37,115	200,288 35,693	215,881 41,206	207,852 33,841	2,521,536 446,050	2,526,881 438,924	-0.2
Consumer nondurable goods	158,250	166,696	169,303		-1.5	-2.2	156,088	164,595	174,675	174,011	2,075,486	2,087,957	-0.6
UNFILLED ORDERS													
All manufacturing industries ⁵	1,166,943	1,176,381	1,174,608	-0.8	0.2	0.5	1,168,116	1,162,052	1,159,849	1,060,278	(X)	(X)	10.2
Construction materials and supplies	57,235	57,554	57,213	-0.6	0.6	1.2	55,848	56,407	56,644	50,901	(X)	(X)	
Information technology Computers and related products	148,999 4,194	148,447 4,228	147,567 4,136	0.4 -0.8	0.6 2.2	0.8 2.1	147,938 4,194	147,036 4,228	147,408 4,136	137,529 3,389	(X) (X)	(X) (X)	
Motor vehicle and parts	17,936	17,774	17,444		1.9	0.6	18,196	17,386	16,840	16,516	(X) (X)	(X) (X)	
Capital goods	887,920	895,563	894,119	-0.9	0.2	0.4	891,120	885,258	883,046	804,445	(X)	(X)	10.8
Nondefense capital goods ³	732,420	738,018	735,690	-0.8	0.3	0.4	736,734	731,169	726,040	643,871	(X)	(X)	
Excluding aircraft	254,226	253,687	252,985	0.2	0.3	0.3	249,337	250,013	250,857	228,645	(X)	(X)	
Defense capital goods ⁴	155,500	157,545	158,429		-0.6	0.3	154,386	154,089	157,006	160,574	(X)	(X)	
Consumer goods Consumer durable goods	5,328 5,328	5,178 5,178	5,093 5,093	2.9 2.9	1.7 1.7	1.5 1.5	5,234 5,234	5,187 5,187	4,955 4,955	4,533 4,533	(X) (X)	(X) (X)	15.5 15.5
TOTAL INVENTORIES													
All manufacturing industries	653,863	655,876	655,567	-0.3	0.0	0.1	634,786	656,236	658,561	619,289	(X)	(X)	2.5
Construction materials and supplies	66,134	65,682	65,164	0.7	0.8	0.4	64,556	64,721	64,355	61,598	(X)	(X)	
Information technology Computers and related products	41,434 4,796	41,271 4,629	41,103 4,669		0.4 -0.9	-0.3 -0.9	39,971 4,485	41,955 4,850	41,594 4,835	39,497 4,364	(X) (X)	(X) (X)	1.2 2.8
Motor vehicle and parts	4,796 27,550	4,629 27,422	4,669		-0.9	-0.9	4,485 26,659	4,850 27,707	4,835 27,885	4,364 24,481	(X) (X)	(X) (X)	
Capital goods	211,292	210,626	209,567	0.3	0.5	0.5	203,872	212,443	210,506	192,996	(X)	(X)	5.6
Nondefense capital goods ³	187,210	186,480	185,648		0.4	0.4	179,825	188,258	186,737	170,009	(X)	(X)	
Excluding aircraft	122,967	122,775	122,959		-0.1	-0.1	118,693	124,614	124,008	116,423	(X)	(X)	
Defense capital goods ⁴	24,082	24,146	23,919		0.9	1.3	24,047	24,185	23,769	22,987	(X)	(X)	
Consumer goods Consumer durable goods	181,848 27,310	184,907 27,111	186,537 27,003	-1.7 0.7	-0.9 0.4	-0.9 -0.1	175,321 26,415	186,112 27,424	190,224 27,510	180,417 24,526	(X) (X)	(X) (X)	-2.8
Consumer nondurable goods	154,538	157,796	159,534		-1.1	-1.1	148,906	158,688	162,714	155,891	(X) (X)	(X)	

X Not Applicable ^p Preliminary

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

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

² 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.

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

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

Estimates are shown in millions of d	ullais allu a		Seasonally A		acturers	Shipment	s, inventorie		easonally Adj	usted	
		Monthly	,		rcent Chan	ge		Mon			% Change
Industry	Dec. 2014 ^p	Nov. 2014 ^r	Oct. 2014	Nov Dec.	Oct Nov.	Sep Oct.	Dec. 2014 ^p	Nov. 2014 ^r	Oct. 2014	Dec. 2013	Dec. 2014/ 2013
MATERIALS AND SUPPLIES											
All manufacturing industries	211,387	211,415	211,466	0.0	0.0	0.3	209,172	210,289	211,691	203,185	2.9
Durable goods industries	132,268	131,433	130,979	0.6	0.3	0.4	131,132	131,406	131,166	124,539	5.3
Wood products Nonmetallic mineral products	4,079 4,339	4,078 4,303	4,089 4,384	0.0 0.8	-0.3 -1.8	0.7 0.3	4,230 4,300	4,223 4,257	4,233 4,344	4,049 4,302	4.5 0.0
Primary metals	14,985	14,703	14,506	1.9	1.4	1.0	15,265	14,750	14,740	13,888	9.9
Fabricated metal products Machinery	17,988 25,734	17,963 25,658	17,835 25,602	0.1 0.3	0.7 0.2	0.7 -0.1	17,995 24,876	17,773 25,621	17,784 25,683	17,420 23,932	3.3 3.9
Computers and electronic products Electrical equipment, appliances,	19,711	19,549	19,568	0.8	-0.1	0.3	19,530	19,621	19,665	18,216	7.2
and components Transportation equipment	6,602 27,856	6,514 27,986	6,456 27,974	1.4 -0.5	0.9 0.0	0.4 0.6	6,467 27,625	6,472 28,081	6,373 27,791	6,731 26,096	-3.9 5.9
Furniture and related products	3,094	3,055	3,051	1.3	0.1	0.0	3,071	3,038	3,033	2,838	8.2
Miscellaneous products	7,880	7,624	7,514	3.4	1.5	-0.1	7,773	7,570	7,520	7,067	10.0
Nondurable goods industries Food products	79,119 16,690	79,982 16,491	80,487 16,405	-1.1 1.2	-0.6 0.5	0.2 0.4	78,040 17,033	78,883 17,036	80,525 17,322	78,646 16,626	-0.8 2.4
Beverage and tobacco products	5,401	5,433	5,402	-0.6	0.6	2.5	5,489	5,449	5,400	5,235	4.9
Textiles Textile products	1,267 1,351	1,246 1,348	1,244 1,334	1.7 0.2	0.2 1.0	1.1 1.2	1,242 1,335	1,220 1,329	1,228 1,317	1,212 1,265	2.5 5.5
Apparel	966 302	953 304	951 299	1.4	0.2	2.3	946 300	938 299	967	756	25.1
Leather and allied products Paper products	6,992	7,003	299 6,977	-0.7 -0.2	1.7 0.4	0.0 -0.4	7,019	299 6,965	298 6,949	310 6,891	-3.2 1.9
Printing Petroleum and coal products	2,558 10,581	2,556 11,598	2,554 12,024	0.1 -8.8	0.1 -3.5	0.2 -1.7	2,493 9,740	2,556 10,926	2,566 11,730	2,412 12,278	3.4 -20.7
Chemical products	23,911	23,907	24,005	0.0	-0.4	0.4	23,490	23,327	23,674	22,692	3.5
Plastics and rubber products	9,100	9,143	9,292	-0.5	-1.6	1.0	8,953	8,838	9,074	8,969	-0.2
WORK IN PROCESS All manufacturing industries	214,337	215,570	215,312	-0.6	0.1	-0.1	207,043	216,816	217,358	198,510	4.3
	166,771	166,134	164,958		0.7	0.9	161,057	166,879	165,787	150,085	7.3
Durable goods industries Wood products	2,071	2,095	2,061	0.4 -1.1	1.6	-0.4	2,015	2,078	2,050	1,814	7.3 11.1
Nonmetallic mineral products Primary metals	1,458 11,638	1,444 11,602	1,425 11,485	1.0 0.3	1.3 1.0	1.6 1.6	1,395 11,115	1,374 11,568	1,368 11,447	1,333 10,169	4.7 9.3
Fabricated metal products	14,066	13,963	13,939	0.7	0.2	0.3	13,740	14,033	14,048	13,113	4.8
Machinery Computers and electronic products	20,052 15,772	20,150 15,850	20,319 15,886	-0.5 -0.5	-0.8 -0.2	1.6 0.3	19,039 15,201	20,792 16,056	20,679 16,114	18,066 15,910	5.4 -4.5
Electrical equipment, appliances,											
and components Transportation equipment	3,992 92,838	3,936 92,217	3,853 91,128	1.4 0.7	2.2 1.2	-3.0 1.1	3,838 89,983	3,950 92,113	3,867 91,291	3,586 81,439	7.0 10.5
Furniture and related products	999	1,030	1,014	-3.0	1.6	0.3	992	1,024	1,008	947	4.8
Miscellaneous products	3,885	3,847	3,848	1.0	0.0	0.2	3,739	3,891	3,915	3,708	0.8
Nondurable goods industries Food products	47,566 4,596	49,436 4,567	50,354 4,482	-3.8 0.6	-1.8 1.9	-3.5 -6.9	45,986 5,090	49,937 5,451	51,571 5,475	48,425 4,962	-5.0 2.6
Beverage and tobacco products	7,344 776	7,326 780	7,405 781	0.2	-1.1 -0.1	-3.6 -0.9	7,889 750	7,852 779	8,005 778	7,734 722	2.0 3.9
Textiles Textile products	445	439	447	-0.5 1.4	-1.8	-0.9	422	437	447	412	2.4
Apparel Leather and allied products	372 91	378 90	378 89	-1.6 1.1	0.0 1.1	-0.8 -1.1	338 90	365 91	389 91	314 98	7.6 -8.2
Paper products	1,386	1,399	1,403	-0.9	-0.3	0.6	1,363	1,380	1,386	1,378	-1.1
Printing Petroleum and coal products	1,258 10,149	1,246 12,036	1,277 13,270	1.0 -15.7	-2.4 -9.3	0.6 -4.6	1,155 9,037	1,250 11,840	1,378 13,350	1,166 12,348	-0.9 -26.8
Chemical products	18,485	18,497	18,268	-0.1	1.3	-2.9	17,289	17,862	17,771	16,721	3.4
Plastics and rubber products FINISHED GOODS	2,664	2,678	2,554	-0.5	4.9	-1.3	2,563	2,630	2,501	2,570	-0.3
All manufacturing industries	228,139	228,891	228,789	-0.3	0.0	0.0	218,571	229,131	229,512	217,594	0.4
Durable goods industries	111,465	111.147	110,665	0.3	0.4	-0.2	107,261	111,350	110.740	102,970	4.2
Wood products	4,746	4,702	4,571	0.9	2.9	0.9	4,531	4,532	4,386	4,273	6.0
Nonmetallic mineral products Primary metals	6,419 11,770	6,432 11,775	6,413 11,730	-0.2 0.0	0.3 0.4	1.4 -0.9	6,236 11,694	6,203 11,456	6,125 11,349	5,931 10,920	5.1 7.1
Fabricated metal products	18,656	18,556	18,347	0.5	1.1	0.1	18,087	18,247	18,050	16,861	7.3
Machinery Computers and electronic products	21,899 13,536	21,785 13,438	22,003 13,583	0.5 0.7	-1.0 -1.1	-0.8 0.7	21,144 13,090	21,928 13,948	21,773 13,972	21,826 12,337	-3.1 6.1
Electrical equipment, appliances,	6.009	6 150	6.000	1.0	1.1	1 1	5 742	6 125	6 001	E 761	0.2
and components Transportation equipment	6,098 13,219	6,159 13,171	6,090 12,883	-1.0 0.4	1.1 2.2	-1.1 -0.1	5,742 11,893	6,135 13,493	6,231 13,547	5,761 10,659	-0.3 11.6
Furniture and related products Miscellaneous products	2,258 12,864	2,248 12,881	2,250 12,795	0.4 -0.1	-0.1 0.7	0.9 -0.7	2,140 12,704	2,293 13,115	2,259 13,048	2,077 12,325	3.0 3.1
Nondurable goods industries	12,004	12,001	12,793	-0.1	-0.3	-0.7	12,704	117,781	118,772	114,624	-2.9
Food products	25,925	26,047	26,342	-0.5	-1.1	0.8	24,956	26,716	27,518	24,763	0.8
Beverage and tobacco products Textiles	8,624 1,459	8,508 1,459	8,437 1,435	1.4 0.0	0.8 1.7	1.4 -0.2	7,980 1,447	8,403 1,442	8,689 1,437	7,429 1,408	7.4 2.8
Textile products	1,259	1,277	1,279	-1.4	-0.2	1.3	1,209	1,255	1,276	1,368	-11.6
Apparel Leather and allied products	1,633 710	1,625 707	1,548 706	0.5 0.4	5.0 0.1	5.7 1.0	1,531 691	1,572 715	1,596 715	1,195 609	28.1 13.5
Paper products	6,417	6,356	6,331	1.0	0.4	0.3	6,281	6,306	6,229	6,004	4.6
Printing Petroleum and coal products	2,168 18,730	2,158 19,225	2,132 19,389	0.5 -2.6	1.2 -0.8	1.1 -3.9	2,069 17,187	2,137 19,383	2,140 19,318	1,803 20,649	14.8 -16.8
Chemical products	39,043	39,528	39,625	-1.2	-0.2	1.4	37,640	39,098	39,079	38,910	-3.3
Plastics and rubber products	10,706	10,854	10,900	-1.4	-0.4	0.5	10,319	10,754	10,775	10,486	-1.6

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

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

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

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

[Rased on Seasonally Adjusted data from the Manufacturers' Shinments Inventories and Orders Survey 1

Based on Seasonally Adjusted data from the Manu								2
	Inve	ntory/Ship	oments ra	tio	Unfille	d Orders/	Shipment	s ratio ²
Industry	Dec 2014 ^p	Nov 2014 ^r	Oct 2014	Sep 2014	Dec 2014 ^p	Nov 2014 ^r	Oct 2014	Sep 2014
All manufacturing industries ³	1.34	1.33	1.32	1.30	(X)	(X)	(X)	(X)
Durable goods industries ³	1.66 1.33 1.31 1.39 1.65 1.87 1.71 1.57 1.79 1.04 1.65	1.67 1.34 1.39 1.66 1.85 1.70 1.56 1.84 1.06 1.63	1.65 1.30 1.31 1.65 1.84 1.70 1.56 1.81 1.06 1.60	1.30 1.35 1.64 1.83 1.69 1.56 1.80 1.07	(X) (X) 1.43 2.95 3.44 7.65 2.71 15.48 1.35	6.81 (X) (X) 1.47 2.99 3.44 7.66 2.68 16.14 1.37 (X)	6.75 (X) (X) 1.46 2.98 3.43 7.65 2.71 15.85 1.36 (X)	6.71 (X) 1.45 2.95 3.42 7.56 2.67 15.90 1.38 (X)
Nondurable goods industries	1.01 0.70 1.78 1.33 1.42 2.24 2.17 1.01 0.92 0.74 1.32 1.19	0.99 0.71 1.78 1.33 1.49 2.27 2.13 1.02 0.91 0.69 1.32 1.20	0.99 0.70 1.73 1.31 1.49 2.26 2.15 1.02 0.91 0.70 1.31 1.20	0.71 1.76 1.29 1.49 2.25 2.23 1.02 0.91 0.68 1.29	888888	X X X X X X X X X X X X X X X X X X X	88888888888888	$\begin{array}{c} (X) \\ (X) \\$

X Not Applicable ^p Preliminary ^r 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.

³ Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes ¹

[Based on Seasonally Adjusted data from								
	Ship	ments	New C	Orders	Unfilled	Orders	Inven	tories
Industry	Dec ² 2014	Dec ³ 2013- Nov 2014	Dec ² 2014	Dec ³ 2013- Nov 2014	Dec ² 2014	Dec ³ 2013- Nov 2014	Dec ² 2014	Dec ³ 2013- Nov 2014
All manufacturing industries	(X)	0.2	(X)	0.3	(X)	0.1	(X)	0.0
Durable goods industries	0.2 (X) -0.3 0.5 -0.1 -0.1 0.6 (X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	0.2 0.7 0.4 0.4 0.5 0.6 0.6 0.6 0.8 0.2 0.3 0.7 0.5 1.4 0.8 0.9 0.3 0.3 0.3 0.6	0.1 (2) (-0,4) (-0,4) (-0,2) (-0,	0.5 (NA) (NA) 0.7 1.0 0.9 0.8 0.7 0.8 (NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	8888839,088 9,088 9,008	0.1 (NA) 0.5 0.1 0.2 0.1 0.1 0.5 0.4 (NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	-0.1 (X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	0.1 0.3 0.2 0.1 0.3 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)	0.6 0.4 0.5	(X) (X) (X)	(NA) (NA) (NA)	(X) (X) (X) (X)	(NA) (NA) (NA)	(X) (X) (X) (X)	0. 0. 0.

X Not Applicable

NA Not Available

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. This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey, which is a voluntary survey authorized by Title 13 of the United States Code. This survey provides statistics on a calendar-month basis for manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). Data published from the M3 survey are based on a panel of approximately 4,800 reporting units that represent approximately 3,000 companies and provide an indication of month-to-month change for the Manufacturing Sector. These reporting units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories, which are combined into 65 publication levels due to the small monthly panel size. The survey methodology assumes that the month-to-month changes of the total operations of the reporting units in the M3 panel effectively represent the month-to-month movements of all establishments that make up the category.

The companies for which shipments data are currently reported or imputed in the M3 survey represent approximately 61 percent of the total value of shipments for manufacturing establishments in the 2012 Economic Census, and these companies include almost two-thirds of the manufacturing companies with \$500 million or more in shipments in the 2012 Economic Census. The companies for which shipments data are currently reported in the M3 survey represent approximately 54 percent of the total value of shipments for manufacturing establishments in the 2012 Economic Census. Statistics based on the M3 panel differ from the results that would be obtained from a complete enumeration of all manufacturing companies. The M3 panel is not based on a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source. Any corrections will be published in the full report. Corrections received after the full report will be released in the next month's advance report. Any revisions made later than two months will be reflected in the annual benchmark publication.

Additional survey documentation can be found on our web site: <u>http://www.census.gov/m3</u>.

Benchmark notice

Revised historical data from the Manufacturers' Shipments, Inventories, and Orders (M3) Survey will be issued on May 14, 2015. These revisions result from benchmarking the shipments and inventories data to the 2012 Economic Census and the 2013 Annual Survey of Manufactures (ASM) data on a 2012 North American Industry Classification System (NAICS) basis, as well as revised ASM benchmarks for prior years on a 2007 NAICS basis; incorporating the unfilled orders to shipments ratios obtained from the 2013/2012 and 2012/2011 Manufacturers' Unfilled Orders Surveys by applying these ratios to the respective Census or ASM shipments data, as well as incorporating revised unfilled orders to shipments ratios for prior years; adjusting the new orders data to be consistent with the benchmarked shipments and unfilled orders data; correcting monthly data for late receipts, reclassifications of reported data, and revisions to previously reported data; and updating the seasonally adjusted data based on the results of benchmarking and the recent annual review of the seasonal adjustment models. These revisions will span the seasonally adjusted data for January 1997 through March 2015 and the data not seasonally adjusted for January 2001 through March 2015. An updated Press Release will contain revised monthly tables for January 2015 through March 2015 on a 2012 NAICS basis, which will be the new basis for publishing data from the M3 Survey starting with the April 2015 Advance Report on Durable Goods. Please call M3 staff on (301) 763-4832 with any questions.