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Full Report on Manufacturers' Shipments, Inventories and Orders October 2012

Summary

New orders for manufactured goods in October, up three of the last four months, increased \$3.8 billion or 0.8 percent to \$477.6 billion, the U.S. Census Bureau reported today. This followed a 4.5 percent September increase. Excluding transportation, new orders increased 1.3 percent.

Shipments, up three of the last four months, increased \$1.9 billion or 0.4 percent to \$482.3 billion. This followed a 0.7 percent September increase.

Unfilled orders, up four of the last five months, increased \$2.8 billion or 0.3 percent to \$982.9 billion. This followed a 0.1 percent September increase. The unfilled orders-to-shipments ratio was 6.25, up from 6.24 in September.

Inventories, up four consecutive months, increased \$0.5 billion or 0.1 percent to \$616.0 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 September increase. The inventories-to-shipments ratio was 1.28, unchanged from September.

New Orders

New orders for manufactured durable goods in October, up five of the last six months, increased \$1.1 billion or 0.5 percent to \$217.9 billion, revised from the previously published slight increase. This followed a 9.1 percent September increase.

Machinery, up two consecutive months, had the largest increase, \$1.4 billion or 4.6 percent to \$31.3 billion.

New orders for manufactured nondurable goods increased \$2.7 billion or 1.1 percent to \$259.7 billion.

Shipments

Shipments of manufactured durable goods in October, down two of the last three months, decreased \$0.8 billion or 0.4 percent to \$222.7 billion, revised from the previously published 0.6 percent decrease. This followed a 0.5 percent September increase.

Transportation equipment, also down two of the last three months, had the largest decrease, \$0.6 billion or 1.0 percent to \$63.8 billion.

Shipments of manufactured nondurable goods, up four consecutive months, increased \$2.7 billion or 1.1 percent to \$259.7 billion. This followed a 0.9 percent September increase. Petroleum and coal products, also up four consecutive months, led the increase, up \$1.5 billion or 1.9 percent to \$78.8 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in October, up four of the last five months, increased \$2.8 billion or 0.3 percent to \$982.9 billion, revised from the previously published 0.2 percent increase. This followed a 0.1 percent September increase.

Transportation equipment, also up four of the last five months, had the largest increase, \$3.2 billion or 0.6 percent to \$576.9 billion.

Inventories

Inventories of manufactured durable goods in October, up thirty-three of the last thirty-four months, increased \$1.7 billion or 0.4 percent to \$374.5 billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis and followed a 0.2 percent September increase.

Transportation equipment, also up thirty-three of the last thirty-four months, had the largest increase, \$1.1 billion or 1.0 percent to \$113.8 billion.

Inventories of manufactured nondurable goods, down following three consecutive monthly increases, decreased \$1.2 billion or 0.5 percent to \$241.5 billion. This followed a 1.1 percent September increase. Petroleum and coal products, also down following three consecutive monthly increases, drove the decrease, down \$1.3 billion or 2.3 percent to \$54.3 billion.

By stage of fabrication, October materials and supplies increased 0.2 percent in durable goods and decreased 0.5 percent in nondurable goods. Work in process increased 0.3 percent in durable goods and decreased 1.8 percent in nondurable goods. Finished goods increased 0.9 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 http://www.census.gov/m3. The advance report on durable goods for November is scheduled for release on December 24, 2012, at 8:30 a.m. EST and the full report on January 4, 2013, at 10:00 a.m. EST. See back page for survey description and 2013 release schedule. 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.

Table 1. Value of Manufacturers' Shipments for Industry Groups¹

		Sea	asonally A	djusted					Not	Seasonally A	Adjusted		
		Monthly		Per	cent Cha	nge		Mo	nthly		,	Year to date	
Industry	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Sept Oct.	Aug Sept.	July - Aug.	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Oct. 2011	2012 ^p	2011	Percent 2012/ 2011
All manufacturing industries	482,329	480,401 415,991	477,115 413,221	0.4	0.7	-0.2	496,503	485,837 418,568	497,536 429,483	471,056 409,496	4,792,731 4,153,152	4,580,052 4,003,798	4.6 3.7
Excluding transportation Excluding defense With unfilled orders	418,546 471,478 157,294	469,554 157,169	466,253 156,043	0.6 0.4 0.1	0.7 0.7 0.7	1.1 -0.3 -2.3	428,930 486,154 160,369	473,745 162,775	486,776 162,728	461,253 151,403	4,686,080	4,469,000 1,477,551	4.9 6.9
Durable goods industries	222,667	223,480	222,397	-0.4		-2.9	232,999	229,943	232,675	219,047	2,248,180	2,092,597	7.4
Wood products	6,363	6,196	6,219	2.7	-0.4	1.9	6,799	6,331	6,729	6,099	62,524	58,335	7.2
Nonmetallic mineral products Primary metals	8,182 27,905	8,115 28,242	8,133 28,029	0.8 -1.2	-0.2 0.8	0.6 -0.4	8,973 28,405	8,286 27,828	9,216 29,575	8,467 27,013	82,370 290,058		4.1 14.6
Iron and steel mills Aluminum and nonferrous metals	10,636 15,492	10,751 15,721	11,000 15,263	-1.1 -1.5	-2.3 3.0	0.5 -1.0	10,449 16,166	10,282 15,760	11,380 16,361	11,344 13,990	114,554 157,044	116,737 119,960	-1.9 30.9
Ferrous metal foundries	1,777	1,770	1,766	0.4	0.2	-1.5	1,790	1,786	1,834	1,679	18,460	16,308	13.2
Fabricated metal products Machinery	27,212 32,406	27,193 32,204	27,239 32,458	0.1 0.6	-0.2 -0.8	0.3 -1.1	28,851 33,083	27,912 32,608	29,531 33,022	27,743 30,154	278,090 323,612	265,670 295,784	4.7 9.4
Farm machinery	1,658	1,584	1,614	4.7	-1.9	-13.7	1,605	1,458	1,461	2,429	21,807	25,379	-14.1
Construction machinery Mining, oil field, and	5,486	5,567	5,516	-1.5	0.9	1.4	6,230	5,831	5,981	4,173	48,727	35,699	36.5
gas field machinery	2,120	2,101	2,126	0.9		-2.7	2,116	2,124	2,083	1,966	20,797	19,614	
Industrial machinery Photographic equipment	3,544 645	3,423 632	3,474 649	3.5 2.1	-1.5 -2.6	-0.3 0.8	3,547 672	3,723 672	3,234 706	3,025 669	32,584 6,481	29,131 6,628	11.9 -2.2
Ventilation, heating, air-conditioning,	2 170	3,088	2 121	2.9	-1.1	-1.8	2.074	2 100	2 402	2 506	24 702	29,810	6.3
and refrigeration equipment Metalworking machinery	3,178 2,541	2,495	3,121 2,498	1.8		-1.8	2,871 2,717	3,186 2,480	3,482 2,599	2,506 2,265	31,702 24,392		
Turbines, generators, and other power transmission equipment	3,381	3,423	3,418	-1.2	0.1	-1.8	3,505	3,297	3,415	3,432	36,446	34,376	6.0
Material handling equipment	2,887	2,841	2,820	1.6		0.1	2,984	2,779	3,018	2,747	27,955		10.8
Computers and electronic products ²	27,951	28,069	27,439	-0.4	2.3	-3.5	30,026	30,014	26,685	29,763	281,453		-0.5
Computers Computer storage devices	912 614	1,128 653	980 822	-19.1 -6.0	15.1 -20.6	-0.6 -23.7	1,085 418	1,334 919	879 740	2,103 526	11,360 7,232	15,476 6,363	-26.6 13.7
Other peripheral equipment Nondefense communications	842	911	867	-7.6		-0.7	748	1,168	776	861	8,440		
equipment	2,803	2,666	2,721	5.1	-2.0	2.9	2,563	3,155	2,599	2,375	26,397	27,076	
Defense communications equipment Audio and video equipment	493 235	345 258	364 244	42.9 -8.9		3.4 -5.1	500 263	380 251	361 195	454 259	4,011 2,208	5,012 2,100	-20.0 5.1
Electronic components	3,502	3,477	3,540		-1.8		3,431	3,673	3,692		35,474		-1.6
Nondefense search and navigation equipment	1,274	1,312	1,302	-2.9	0.8	-4.3	1,246	1,446	1,313	1,197	12,989	12,845	1.1
Defense search and navigation equipment	2,993	3,032	2,889				2,933	3,278	2,881	2,729			
Electromedical, measuring, and control instruments	6,207	6,316	6,039				5,903	6,993	5,792	6,483			
Electrical equipment, appliances,													
and components Electric lighting equipment	9,833 886	9,798 859	9,887 900	0.4 3.1	-0.9 -4.6	-0.6 0.7	10,064 916	10,302 879	10,336 920	9,773 898	99,889 8,961	97,310 9,360	2.7 -4.3
Household appliances	1,608	1,600	1,571	0.5	1.8	0.9	1,653	1,646	1,621	1,502	15,771	14,998	5.2
Electrical equipment Batteries	2,970 967	3,002 1,001	3,059 1,003	-1.1 -3.4	-1.9 -0.2		2,824 1,168	3,264 1,115	3,157 1,079	2,882 1,138	31,091 9,625	30,248 9,199	2.8 4.6
Transportation equipment	63,783	64,410	63,894	-1.0			67,573	67,269	68,053	61,560	639,579	576,254	11.0
AutomobilesLight trucks and utility vehicles	8,893 12,805	8,833 13,737	8,552 14,211	0.7 -6.8	3.3 -3.3	-2.8 -11.7	10,113 14,629	8,914 14,179	9,467 15,651	8,390 13,339	88,269 135,099	70,843 116,399	24.6 16.1
Heavy duty trucks Motor vehicle bodies, parts,	2,118	2,178	2,289	-2.8	-4.8	-6.9	2,251	2,203	2,397	2,542	24,783	21,847	13.4
and trailers Nondefense aircraft and parts	18,685 10,359	18,305 10,426	18,464 9,177	2.1 -0.6	-0.9 13.6	-15.8 -5.9	20,599 9,454	18,213 11,387	20,329 9,058	18,983 8,273	189,762 93,068	180,593 76,550	5.1 21.6
Defense aircraft and parts	4,516	4,456	4,587	1.3	-2.9	5.9	4,158	5,210	4,537	3,968	44,997	44,671	0.7
Ships and boats Furniture and related products	2,250 5,428	2,171 5,422	2,277 5,373	3.6 0.1		2.6 0.9	2,215 5,358	2,231 5,472	2,222 5,854	2,151 5,068	22,262 53,997	22,291 51,902	-0.1 4.0
Miscellaneous durable goods	13,604	13,831	13,726	-1.6	0.8	1.2	13,867	13,921	13,674	13,407	136,608	132,457	3.1
Nondurable goods industries	259,662	256,921	254,718	1.1	0.9	2.2	263,504	255,894	264,861	252,009	2,544,551	2,487,455	2.3
Food products	61,301	60,822	60,712	0.8		0.0	65,103	62,124	61,843	63,712	604,125		
Grain and oilseed milling Dairy products	8,319 8,426	8,269 8,221	8,329 8,177	0.6 2.5		2.0 1.1	9,383 8,752	8,166 8,308	8,717 8,494	9,040 8,894	81,524 82,705	78,965 86,773	3.2 -4.7
Meat, poultry, and seafood products	16,788	16,608	16,485	1.1	0.7	-1.5	17,217	16,603	16,756	17,172	167,330	164,103	2.0
Beverage and tobacco products Beverages	12,642 9,201	12,294 9,197	12,952 9,179	2.8 0.0		2.4 -1.0	12,619 9,178	12,223 9,126	13,545 9,772	11,807 8,482	124,440 90,902	117,099 83,869	6.3 8.4
Tobacco	3,441	3,097	3,773	11.1	-17.9	11.8	3,441	3,097	3,773	3,325	33,538	33,230	0.9
Textile mills Textile products	2,489 1,978	2,467 1,962	2,466 1,983	0.9 0.8		-0.1 1.3	2,532 1,993	2,505 1,961	2,621 2,078	2,523 1,922	25,230 19,901	25,724 18,992	-1.9 4.8
Apparel	1,324	1,277	1,304	3.7	-2.1	0.8	1,524	1,324	1,459	1,425	12,653	11,974	5.7
Leather and allied products	458 13,937	437 13,860	440 13,871	4.8 0.6		-1.8 -0.2	473 14,474	473 13,865	464 14,524	451 14,258	4,598 140,211	4,575 142,576	0.5 -1.7
Pulp, paper, and paperboard mills	6,562	6,498	6,488	1.0	0.2	0.1	6,807	6,539	6,800	6,736	65,810	67,070	-1.9
Paperboard containers Printing	4,060 6,769	4,082 6,668	4,067 6,692	-0.5 1.5		-0.8 1.0	4,278 7,272	4,030 6,925	4,266 6,939	4,197 7,021	41,201 67,031	42,077 68,138	-2.1 -1.6
Petroleum and coal products	78,821	77,324	74,953	1.9	3.2	7.3	76,876	76,118	79,142	69,724	733,429	696,306	5.3
Petroleum refineries Chemical products	74,677 62,505	73,220 62,442	70,830 62,095	2.0 0.1	3.4 0.6	7.6 0.3	72,187 62,666	71,602 61,312	74,046 63,906		689,690 635,467	655,132 643,538	5.3 -1.3
Pesticides, fertilizers, and other													
agricultural chemicals Pharmaceuticals and medicines	3,239 13,665	3,262 13,496	3,062 13,684	-0.7 1.3	6.5 -1.4	1.0 -2.9	2,530 14,439	2,793 12,938	2,672 13,965	2,339 14,497	32,159 140,887	30,398 149,488	5.8 -5.8
Paints, coatings, and adhesives	2,725		2,733	-0.4 0.4	0.1 0.7	-2.5 -0.3	2,775	2,719 17,064	2,985	2,811 17,250	29,212		6.2 4.3
Plastics and rubber products	17,438	17,368	17,250	0.4	0.7	-0.3	17,972	17,064	18,340	17,250	177,466	170,185	4.3

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

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

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

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

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

			Seasonally	Adjusted			Not Seasonally Adjusted						
		Monthly		Pei	rcent Chan	ge		Mon	thly		١	ear to date	
Industry	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Sept Oct.	Aug Sept.	July - Aug.	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Oct. 2011	2012 ^p	2011	Percent 2012/ 2011
All manufacturing industries 2	477,577	473,786	453,411	0.8	4.5	-5.1	485,893	478,659	468,249	462,050	4,723,719	4,564,426	3.5
Excluding transportation ²	410,581	405,220	400,540	1.3	1.2	0.7	416,928	407,014	413,115	405,119	4,074,710	3,972,313	2.6
Excluding defense ²	466,661	462,764	444,507	0.8	4.1	-4.5	477,192	466,163	461,087	454,486	4,620,064	4,447,753	3.9
With unfilled orders ²	160,115	157,989	139,495	1.3	13.3	-16.4	160,101	162,407	140,379	151,149	1,583,678	1,530,121	3.5
Durable goods industries ²	217,915	216,865	198,693	0.5	9.1	-13.1	222,389	222,765	203,388	210,041	2,179,168	2,076,971	4.9
Primary metals	28,421	27,966	26,908	1.6	3.9	-2.5	28,576	26,577	28,172	26,514	284,065	251,971	12.7
Iron and steel mills	11,059	10,523	10,183	5.1	3.3	-3.2	10,424	9,356	10,431	10,554	110,246	113,343	-2.7
Aluminum and nonferrous metals	15,568	15,758	15,033	-1.2	4.8	-1.3	16,365	15,584	15,987	14,185	155,409	121,765	27.6
Ferrous metal foundries	1,794	1,685	1,692	6.5	-0.4	-8.2	1,787	1,637	1,754	1,775	18,410	16,863	9.2
Fabricated metal products	27,237	27,013	27,421	0.8	-1.5	-0.9	28,003	27,372	28,888	27,510	282,236	271,353	4.0
Machinery	31,299	29,936	27,778	4.6		-6.1	32,235	29,408	26,921	33,983	313,933	324,363	-3.2
Construction machinery Mining, oil field, and	4,688	4,754	4,493	-1.4	5.8	13.8	5,478	4,927	4,263	5,493	42,877	41,803	2.6
gas field machinery	2,013	2,060	1,414	-2.3	45.7	-5.2	2,183	1,804	1,319	1,818	19,337	26,361	-26.6
Industrial machinery	3,177	3,159	3,468	0.6	-8.9	9.6	3,318	3,302	3,082	2,742	31,918	29,129	9.6
Photographic equipmentVentilation, heating, air-conditioning,	697	629	639	10.8	-1.6	-2.6	703	723	655	610	6,995	6,805	2.8
and refrigeration equipment Metalworking machinery	3,467 2,590	3,200 2,507	1,187 2,356	8.3 3.3	169.6 6.4	-66.0 1.1	2,999 2,811	2,940 2,442	1,269 2,378	2,542 2,418	31,782 24,163	31,174 22,057	2.0 9.5
Turbines, generators, and other													
power transmission equipment	3,039	2,687	2,587	13.1	3.9	-2.7	3,072	2,560	2,483	4,619	34,520	40,577	-14.9
Material handling equipment	2,841	2,568	2,953	10.6	-13.0	4.8	2,748	2,680	3,119	2,534	28,164	26,042	8.1
Computers and electronic products ²	20,416	20,318	20,428	0.5	-0.5	-4.0	19,311	24,060	19,140	21,758	213,992	214,589	-0.3
Computers Nondefense communications	930	1,154	1,035	-19.4	11.5	15.0	1,103	1,360	934	2,104	11,411	15,363	-25.7
equipment	2,719	2,515	2,625	8.1	-4.2	-8.5	2,655	3,509	2,650	3,174	29,751	27,277	9.1
Defense communications equipment	395	280	356	41.1	-21.3	-9.9	334	428	283	293	3,451	4,227	-18.4
Electronic components	3,591	3,499	3,474	2.6	0.7	-1.3	3,511	3,614	3,699	3,582	35,622	36,403	-2.1
Nondefense search and navigation													
equipment	1,674	1,682	1,684	-0.5	-0.1	7.6	1,679	1,818	1,573	1,361	16,814	13,547	24.1
Defense search and navigation													
equipment	2,798	2,672	2,960	4.7	-9.7	-4.2	2,494	2,945	2,641	2,606	28,396	28,031	1.3
Electromedical, measuring,	0.445	0.450	5 0 4 0				= = 40		5 400	0.450	05.000	00.005	
and control instruments	6,115	6,158	5,846	-0.7	5.3	-6.0	5,512	7,441	5,130	6,456	65,600	68,865	-4.7
Electrical equipment, appliances,	0.007	0.445	0.045	4.0	0.0	0.0	40.444	0.040	40.004	40.400	00.740	400.050	
and components	9,897	9,445	9,815	4.8	-3.8	2.6	10,144	9,646	10,221	10,106	99,743	100,350	-0.6
Electric lighting equipment	907	870	875	4.3	-0.6	-1.0	919	940	893	841	9,033	9,578	-5.7
Household appliances	1,620	1,604	1,568	1.0	2.3	3.4	1,651	1,642	1,631	1,496	15,763	15,085	4.5
Electrical equipment	3,054	2,844	3,064	7.4	-7.2	1.7	2,943	2,872	3,092	2,994	31,222	31,386	-0.5 9.6
Transportation equipment	66,996	68,566	52,871	-2.3	29.7	-33.7	68,965	71,645	55,134	56,931	649,009	592,113	9.6
Motor vehicle bodies, parts, and trailers	18,543	17,998	18,445	3.0	-2.4	-15.7	20,415	18,014	20,077	18,874	188,051	180,034	4.5
Nondefense aircraft and parts	13,799	14,616	533	-5.6	-2.4 2,642.2	-15.7 -97.2	12,356	15,571	20,077	6.102	110,843	91,216	4.5 21.5
Defense aircraft and parts	5,666	5,923	4.490	-5.6 -4.3	2,042.2	-97.2 -1.4	4,997	6,497	3,236	3.649	46.989	91,216 46.426	1.2
Ships and boats	1,739	1,564	1,347	11.2	16.1	-45.0	1,372	1,620	1,065	1,055	17,080	24,338	-29.8
Furniture and related products	5,441	5,486	5,397	-0.8	1.6	0.4	5,457	5,526	5,296	5,207	54,685	52,337	-29.6 4.5
Nondurable goods industries	259,662	256,921	254,718	1.1	0.9	2.2	263,504	255,894	264,861	252,009	2,544,551	2,487,455	2.3

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

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. For further details on survey design, methodology, and data limitations see http://www.census.gov/manufacturing/m3/.

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

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

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

Lestimates are shown in millions of do			Seasonally A				Not Seasonally Adjusted					
		Monthly		Pe	rcent Chan	ge		Mon	nthly		Percent	
Industry	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Sept Oct.	Aug Sept.	July - Aug.	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Oct. 2011	Change Oct. 12/11	
All manufacturing industries ²	982,945	980,124	979,304	0.3	0.1	-1.7	970,132	970,400	970,768	928,844	4.4	
Excluding transportation ²	406,017	406,409	409,745	-0.1	-0.8	-1.3	400,036	401,696	406,440	398,716	0.3	
Excluding defense ²	792,990	790,234	789,589	0.3	0.1	-1.8	783,613	782,233	783,005	738,270	6.1	
Durable goods industries ²	982,945	980,124	979,304	0.3	0.1	-1.7	970,132	970,400	970,768	928,844	4.4	
Primary metals	31,922	31,406	31,682	1.6	-0.9	-3.4	30,009	29,838	31,089	32,116	-6.6	
Iron and steel mills	17,557	17,134	17,362	2.5	-1.3	-4.5	16,111	16,136	17,062	17,160	-6.1	
Aluminum and nonferrous metals	10,948	10,872	10,835	0.7	0.3	-2.1	10,591	10,392	10,568	11,769	-10.0	
Ferrous metal foundries	3,417	3,400	3,485	0.5	-2.4	-2.1	3,307	3,310	3,459	3,187	3.8	
Fabricated metal products	82,891	82,866	83,046	0.0	-0.2	0.2	81,517	82,365	82,905	77,083	5.8	
Machinery	126,542	127,649	129,917	-0.9	-1.7	-3.5	124,783	125,631	128,831	131,505	-5.1	
Construction machinery	22,090	22,888	23,701	-3.5	-3.4	-4.1	20,969	21,721	22,625	26,525	-20.9	
gas field machinery	18,582	18,689	18,730	-0.6	-0.2	-3.7	18,731	18,664	18,984	20,348	-7.9	
Industrial machinery	7,794	8,161	8,425	-4.5	-3.1	-0.1	7,730	7,959	8,380	8,592	-10.0	
Photographic equipmentVentilation, heating, air-conditioning,	2,924	2,872	2,875	1.8	-0.1	-0.3	2,976	2,945	2,894	2,705	10.0	
and refrigeration equipment	8,763	8,474	8,362	3.4	1.3	-18.8	8,470	8,342	8,588	8,373	1.2	
Metalworking machinery Turbines, generators, and other	7,217	7,168	7,156	0.7	0.2	-1.9	7,079	6,985	7,023	7,220	-2.0	
power transmission equipment	25,800	26,142	26,878	-1.3	-2.7	-3.0	25,571	26,004	26,741	24,882	2.8	
Material handling equipment	8,076	8,122	8,395	-0.6	-3.3	1.6	7,942	8,178	8,277	7,630	4.1	
Computers and electronic products ²	136,461	136,423	136,739	0.0	-0.2	0.1	135,872	136,245	135,389	130,940	3.8	
Computers Nondefense communications	1,207	1,189	1,163	1.5	2.2	5.0	1,207	1,189	1,163	1,151	4.9	
equipment	28,292	28,376	28,527	-0.3	-0.5	-0.3	28,741	28,649	28,295	25,653	12.0	
Defense communications equipment	5,052	5,150	5,215	-1.9	-1.2	-0.2	5,014	5,180	5,132	6,165	-18.7	
Electronic components Nondefense search and navigation	13,214	13,125	13,103	0.7	0.2	-0.5	13,216	13,136	13,195	13,251	-0.3	
equipment Defense search and navigation	13,890	13,490	13,120	3.0	2.8	3.0	13,902	13,469	13,097	9,812	41.7	
equipment	45,797	45,992	46,352	-0.4	-0.8	0.2	45,068	45,507	45,840	45,749	-1.5	
and control instruments Electrical equipment, appliances,	29,009	29,101	29,259	-0.3	-0.5	-0.7	28,724	29,115	28,667	29,159	-1.5	
and components	20.817	20,753	21,106	0.3	-1.7	-0.3	20,582	20,502	21.158	20.169	2.0	
Electric lighting equipment	1,051	1,030	1,019	2.0	1.1	-2.4	1,107	1,104	1,043	1,197	-7.5	
Household appliances	677	665	661	1.8	0.6	-0.5	641	643	647	624	2.7	
Electrical equipment	9,738	9,654	9,812	0.9	-1.6	0.1	9,637	9,518	9,910	9,328	3.3	
Transportation equipment	576,928	573,715	569,559	0.6	0.7	-1.9	570,096	568,704	564,328	530,128	7.5	
and trailers	15,982	16,124	16,431	-0.9	-1.9	-0.1	15,407	15,591	15,790	15,984	-3.6	
Nondefense aircraft and parts	407,192	403,752	399,562	0.9	1.0	-2.1	403,532	400,630	396,446	356,220	13.3	
Defense aircraft and parts	62,854	61,704	60,237	1.9	2.4	-0.2	61,348	60,509	59,222	57,892	6.0	
Ships and boats	17,286	17,797	18,404	-2.9	-3.3	-4.8	16,606	17,449	18,060	23,920	-30.6	
Furniture and related products	6,471	6,458	6,394	0.2	1.0	0.4	6,360	6,261	6,207	6,046	5.2	

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

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

Table 4. Value of Manufacturers' Inventories for Industry Groups¹

Lestimates are shown in millions of do	Ilars and are based on data from the Manufacturers' Shipmen Seasonally Adjusted					nipments	, inventories		ers Survey.] easonally Adj	usted	
		Monthly	, , , ,		rcent Chan	ge			nthly		Percent
Industry	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Sept Oct.	Aug Sept.	July - Aug.	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Oct. 2011	Change Oct. 12/11
All manufacturing industries	615,950	615,453	611,959	0.1	0.6	0.6	618,736	614,642	615,526	600,610	3.0
Excluding transportation	502,180	502,758	499,769	-0.1	0.6	0.5	504,631	502,397	501,994	497,396	1.5 3.2
Excluding defense With unfilled orders	590,352 303,591	589,697 302,277	585,635 301,397	0.1 0.4	0.7 0.3	0.6 0.6	593,124 303,516	589,026 300,852	589,269 304,590	574,579 287,236	5.2 5.7
Durable goods industries	374,473	372,820	371,952	0.4	0.2	0.6	374,493	371,034	375,663	355,734	5.3
ū								-	•	·	4.8
Wood products Nonmetallic mineral products	9,081 11,684	9,058 11,642	8,973 11,692	0.3 0.4	0.9 -0.4	0.5 0.6	9,177 11,361	9,104 11,455	8,924 11,558	8,756 11,037	4.8 2.9
Primary metals	34,686	34,285	34,105	1.2	0.5	0.0	34,328	34,330	34,343	34,832	-1.4
Iron and steel mills Aluminum and nonferrous metals	20,129 12,428	19,879 12,257	19,785 12,163	1.3 1.4	0.5 0.8	-0.3 0.5	19,864 12,341	19,966 12,263	19,933 12,276	20,896 11,909	-4.9 3.6
Ferrous metal foundries	2,129	2,149	2,157	-0.9	-0.4	0.6	2,123	2,101	2,134	2,027	4.7
Fabricated metal products	46,249 66,896	46,069 66,990	45,966 66,997	0.4 -0.1	0.2 0.0	0.2 0.6	46,000 66,681	45,972 66,369	46,263 67,552	44,936 61,392	2.4 8.6
Farm machinery	3,831	3,780	3,738	1.3	1.1	1.3	3,433	3,468	3,548	3,067	11.9
Construction machinery	5,990	6,047	6,080	-0.9	-0.5	0.5	5,960	6,033	6,024	4,994	19.3
Mining, oil field, and gas field machinery	7,890	7,838	7,780	0.7	0.7	1.2	7,780	7,813	7,925	6,645	17.1
Industrial machinery	7,182	7,165	7,206	0.2	-0.6	0.5	7,182	7,204	7,285	7,182	0.0
Photographic equipmentVentilation, heating, air-conditioning,	1,469	1,467	1,473	0.1	-0.4	-0.3	1,514	1,475	1,512	1,522	-0.5
and refrigeration equipment	4,061	4,075	4,079	-0.3	-0.1	0.1	4,048	4,003	4,174	4,123	-1.8
Metalworking machinery	5,504	5,496	5,471	0.1	0.5	0.0	5,613	5,645	5,563	5,124	9.5
Turbines, generators, and other power transmission equipment	11,075	11,206	11,149	-1.2	0.5	0.9	11,369	11,049	11,527	10,173	11.8
Material handling equipment	4,522	4,485	4,499	0.8	-0.3	1.6	4,528	4,512	4,587	3,859	17.3
Computers and electronic products ² Computers	46,412 1,178	46,575 1,114	46,503 1,155	-0.3 5.7	0.2 -3.5	0.1 -3.5	46,839 1,196	46,214 1,143	47,351 1,233	46,176 1,314	1.4 -9.0
Computer storage devices	1,048	1,035	1,133	1.3	-4.2	-0.2	1,105	1,006	1,161	1,166	-5.2
Other peripheral equipment	1,646	1,657	1,704	-0.7	-2.8	-1.0	1,677	1,610	1,782	1,720	-2.5
Nondefense communications equipment	6,937	6,993	6,962	-0.8	0.4	-0.8	7,041	6,885	7,060	6,887	2.2
Defense communications equipment	1,490	1,616	1,591	-7.8	1.6	2.3	1,490	1,616	1,591	2,165	-31.2
Audio and video equipment Electronic components	682 7,316	680 7,353	660 7,302	0.3 -0.5	3.0 0.7	1.9 -0.1	780 7,396	780 7,263	728 7,274	665 6,973	17.3 6.1
Nondefense search and navigation	7,310	7,333	7,302	-0.5	0.7	-0.1	7,390	7,203	1,214	0,973	0.1
equipment	3,358	3,325	3,385	1.0	-1.8	0.4	3,425	3,321	3,451	3,292	4.0
Defense search and navigation equipment	2,707	2,701	2,706	0.2	-0.2	-2.7	2,704	2,629	2,720	2,808	-3.7
Electromedical, measuring											
and control instruments Electrical equipment, appliances,	11,870	11,906	11,844	-0.3	0.5	0.5	11,920	11,749	12,083	11,852	0.6
and components	15,735	15,554	15,435	1.2	0.8	-0.2	15,658	15,248	15,650	15,048	4.1
Electric lighting equipment	1,788	1,800	1,786	-0.7	0.8	0.5	1,764	1,778	1,814	1,633	8.0
Household appliances Electrical equipment	1,666 4,593	1,665 4,572	1,652 4,625	0.1 0.5	0.8 -1.1	-0.4 -0.9	1,701 4,584	1,677 4,329	1,729 4,684	1,771 4,559	-4.0 0.5
Batteries	1,045	1,054	1,063	-0.9	-0.8	0.6	1,046	1,063	1,101	1,047	-0.1
Transportation equipment Automobiles	113,770 3,006	112,695 2,913	112,190 2,811	1.0 3.2	0.5 3.6	1.5 6.1	114,105 3,120	112,245 2,891	113,532 2,860	103,214 2,766	10.6 12.8
Light trucks and utility vehicles	2,696	2,548	2,572	5.8	-0.9	-1.4	2,834	2,621	2,743	2,725	4.0
Heavy duty trucks	2,170	2,120	2,111	2.4	0.4	2.9	2,280	2,122	2,198	2,114	7.9
and trailers	17,804	17,709	17,661	0.5	0.3	0.3	17,707	17,597	17,633	16,996	4.2
Nondefense aircraft and parts	61,975	61,158	60,259	1.3	1.5	2.0	61,946	60,798		53,245	16.3
Defense aircraft and partsShips and boats	13,160 3,072	13,170 3,083	13,615 3,107	-0.1 -0.4	-3.3 -0.8	2.0 1.3	13,264 3,056	13,257 3,027	13,715 3,054	12,958 2,930	2.4 4.3
Furniture and related products	6,215	6,173	6,160	0.7	0.2	-0.2	6,196	6,185	6,263	5,990	3.4
Miscellaneous durable goods	23,745	23,779	23,931	-0.1	-0.6	-0.5	24,148	23,912	24,227	24,353	-0.8
Nondurable goods industries	241,477	242,633	240,007	-0.5	1.1	0.7	244,243	243,608	239,863	244,876	-0.3
Food products	45,977	45,491	45,154	1.1	0.7	0.7	48,917	46,116		47,503	3.0
Grain and oilseed milling Dairy products	5,625 5,919	5,583 5,837	5,411 5,819	0.8 1.4	3.2 0.3	3.7 0.6	5,932 5,921	5,379 5,867	5,277 6,002	5,357 6,004	10.7 -1.4
Meat, poultry, and seafood products	7,860	7,813	7,746	0.6	0.9	0.5	8,139	7,924	7,789	7,831	3.9
Beverage and tobacco products Beverages	18,985 15,218	18,728 14,963	18,466 14,737	1.4 1.7	1.4 1.5	-0.3 -0.4	19,699 15,878	18,540 14,896	17,795 14,277	18,347 14,591	7.4 8.8
Tobacco	3,767	3,765	3,729	0.1	1.0	0.1	3,821	3,644	3,518	3,756	1.7
Textile mills	3,386	3,377	3,383	0.3	-0.2	-0.1	3,367	3,374	3,386	3,529	-4.6
Textile productsApparel	3,154 2,408	3,153 2,385	3,142 2,347	0.0 1.0	0.4 1.6	-0.7 1.3	3,149 2,478	3,175 2,548	3,170 2,491	3,223 2,290	-2.3 8.2
Leather and allied products	851	853	846	-0.2	0.8	1.2	850	863	869	801	6.1
Paper products	13,979	14,014 6,062	14,129 6,184	-0.2 -1.0	-0.8 -2.0	-0.9 -1.7	13,924	14,027	14,141 6,174	14,325 6,328	-2.8 -6.0
Pulp, paper, and paperboard mills Paperboard containers	6,002 4,128	4,093	6,184 4,078	-1.0 0.9	-2.0 0.4	-1.7 0.3	5,951 4,086	6,065 4,060	6,174 4,067	6,328 4,011	-6.0 1.9
Printing	5,246	5,265	5,358	-0.4	-1.7	-0.2	5,425	5,353	5,500	5,606	-3.2
Petroleum and coal products Petroleum refineries	54,315 49,998	55,589 51,287	53,666 49,445	-2.3 -2.5	3.6 3.7	3.9 4.0	53,845 49,518	56,102 51,782	53,204 48,867	52,720 48,613	2.1 1.9
Chemical products	71,522	72,272	72,154	-1.0	0.2	-0.5	71,186	72,069	72,481	75,317	-5.5
Pesticides, fertilizers, and other agricultural chemicals	4,004	4,110	4,153	-2.6	-1.0	3.9	3,797	3,820	3,778	3,961	-4.1
Pharmaceuticals and medicines	23,791	24,238	23,829	-2.6 -1.8	1.7	-0.5	23,831	24,208	3,778 24,117	24,764	-4.1
Paints, coatings, and adhesives	2,881	2,889	2,914	-0.3	-0.9	-1.1	2,760	2,831	2,933	2,827	-2.4
Plastics and rubber products	21,654	21,506	21,362	0.7	0.7	0.0	21,403	21,441	21,388	21,215	0.9

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

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

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

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

	Seasonally Adjusted				uotai oi	Not Seasonally Adjusted							
		Monthly			cent Cha	nge		Mon	thly		Year t	o date	Percent
Industry	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Sept Oct.	Aug Sept.	July - Aug.	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Oct. 2011	2012 ^p	2011	Change⁶ 2012/ 2011
SHIPMENTS													
All manufacturing industries	482,329	480,401	477,115	0.4	0.7	-0.2	496,503	485,837	497,536	471,056	4,792,731	4,580,052	4.6
Construction materials and supplies Information technology Computers and related products Motor vehicle and parts	40,790 20,923 2,368 42,501	40,365 21,125 2,692 43,053	40,569 20,746 2,669 43,516	1.1 -1.0 -12.0 -1.3	-0.5 1.8 0.9 -1.1	0.4 -2.5 -9.1 -11.7	43,613 20,428 2,251 47,592	41,592 23,601 3,421 43,509	45,070 20,320 2,395 47,844	41,478 21,545 3,490 43,254	416,093 213,680 27,032 437,913	396,403 218,635 30,239 389,682	5.0 -2.3 -10.6 12.4
Capital goods Nondefense capital goods ³ Excluding aircraft Defense capital goods ⁴	78,305 69,972 62,778 8,333	78,737 70,173 62,850 8,564	77,324 69,199 63,065 8,125	-0.5 -0.3 -0.1 -2.7	1.8 1.4 -0.3 5.4	-1.8 -1.8 -1.1 -1.5	77,907 69,916 63,386 7,991	83,041 73,626 65,834 9,415	77,710 69,628 63,448 8,082	74,458 66,796 61,528 7,662	778,630 695,996 634,796 82,634	736,558 647,671 602,645 88,887	5.7 7.5 5.3 -7.0
Consumer goods	212,057 34,479 177,578	210,519 35,559 174,960	208,943 35,572 173,371	0.7 -3.0 1.5	0.8 0.0 0.9	1.4 -5.3 2.9	217,851 37,606 180,245	210,384 36,287 174,097	217,433 37,937 179,496	204,826 34,157 170,669	2,064,840 352,839 1,712,001	1,974,038 312,388 1,661,650	4.6 12.9 3.0
NEW ORDERS	477 577	470 700	450 444	0.0	4.5	- 4	405.000	470.050	100.040	400.050	4 700 740	4 504 400	0.5
All manufacturing industries ⁵ Construction materials and supplies Information technology Computers and related products Motor vehicle and parts	477,577 41,175 20,871 2,386 42,359	473,786 40,472 20,574 2,718 42,746	453,411 38,914 20,898 2,724 43,497	0.8 1.7 1.4 -12.2 -0.9	4.5 4.0 -1.6 -0.2 -1.7	-5.1 -5.4 -3.2 -4.4 -11.7	485,893 43,362 19,966 2,269 47,408	478,659 41,332 24,246 3,447 43,310	468,249 42,593 19,622 2,450 47,592	462,050 40,904 22,423 3,491 43,145	4,723,719 417,586 219,465 27,083 436,202	4,564,426 399,786 220,093 30,126 389,123	3.5 4.5 -0.3 -10.1 12.1
Capital goods Nondefense capital goods ³ Excluding aircraft Defense capital goods ⁴	79,962 72,192 61,728 7,770	79,328 70,938 60,013 8,390	63,861 57,756 60,305 6,105	0.8 1.8 2.9 -7.4	24.2 22.8 -0.5 37.4	-25.8 -23.9 0.3 -40.0	77,609 71,801 62,553 5,808	84,252 74,796 62,971 9,456	60,726 55,769 58,394 4,957	74,301 68,891 66,456 5,410	789,819 710,410 633,129 79,409	783,766 689,346 632,549 94,420	0.8 3.1 0.1 -15.9
Consumer goods	212,122 34,544 177,578	210,555 35,595 174,960	209,000 35,629 173,371	0.7 -3.0 1.5	0.7 -0.1 0.9	1.5 -5.1 2.9	217,929 37,684 180,245	210,416 36,319 174,097	217,275 37,779 179,496	204,939 34,270 170,669	2,064,968 352,967 1,712,001	1,973,998 312,348 1,661,650	4.6 13.0 3.0
UNFILLED ORDERS													
All manufacturing industries ⁵	982,945	980,124	979,304	0.3	0.1	-1.7	970,132	970,400	970,768	928,844	(X)	(X)	4.4
Construction materials and supplies Information technology Computers and related products Motor vehicle and parts	56,139 135,522 1,207 15,982	55,754 135,574 1,189 16,124	55,647 136,125 1,163 16,431	0.7 0.0 1.5 -0.9	0.2 -0.4 2.2 -1.9	-2.9 0.1 5.0 -0.1	55,290 134,829 1,207 15,407	55,541 135,291 1,189 15,591	55,801 134,646 1,163 15,790	54,226 129,414 1,151 15,984	(X) (X) (X) (X)	(X) (X) (X) (X)	2.0 4.2 4.9 -3.6
Capital goods Nondefense capital goods ³ Excluding aircraft Defense capital goods ⁴	748,780 583,879 233,949 164,901	747,123 581,659 234,999 165,464	746,532 580,894 237,836 165,638	0.2 0.4 -0.4 -0.3	0.1 0.1 -1.2 -0.1	-1.8 -1.9 -1.1 -1.2	740,635 578,529 231,740 162,106	740,933 576,644 232,573 164,289	739,722 575,474 235,436 164,248	701,423 534,360 231,014 167,063	(X) (X) (X) (X)	(X) (X) (X) (X)	5.6 8.3 0.3 -3.0
Consumer goods	4,070	4,005	3,969	1.6	0.9	1.5	3,875	3,797	3,765	3,597	(X)	(X)	7.7
Consumer durable goods TOTAL INVENTORIES	4,070	4,005	3,969	1.6	0.9	1.5	3,875	3,797	3,765	3,597	(X)	(X)	7.7
All manufacturing industries	615,950	615,453	611,959	0.1	0.6	0.6	618,736	614,642	615,526	600,610	(X)	(X)	3.0
Construction materials and supplies	59.361	59.174	59.062	0.3	0.2	0.0	59.000	59.092	59.350	57.942	(X)	(X)	1.8
Information technology	39,339 3,872 25,676	39,262 3,806 25,290	39,206 3,939 25,155	0.2 1.7 1.5	0.1 -3.4 0.5	-0.1 -1.5 0.9	39,728 3,978 25,941	38,930 3,759 25,231	39,995 4,176 25,434	39,759 4,200 24,601	(X) (X) (X)	(X) (X) (X)	-0.1 -5.3 5.4
Capital goods Nondefense capital goods ³ Excluding aircraft Defense capital goods ⁴	194,357 173,476 121,614 20,881	193,808 172,744 121,484 21,064	193,524 171,930 121,424 21,594	0.3 0.4 0.1 -0.9	0.1 0.5 0.0 -2.5	0.9 0.8 0.3 1.4	194,668 173,877 122,169 20,791	192,435 171,598 120,558 20,837	195,898 174,471 123,192 21,427	180,710 159,948 115,560 20,762	(X) (X) (X) (X)	(X) (X) (X) (X)	7.7 8.7 5.7 0.1
Consumer goods	182,637 25,613 157,024	183,412 25,340 158,072	180,589 25,324 155,265	-0.9 -0.4 1.1 -0.7	1.6 0.1 1.8	1.2 0.3 1.3	186,409 26,094 160,315	184,677 25,460 159,217	180,637 25,784 154,853	183,155 25,275 157,880	(X) (X) (X) (X)	(X) (X) (X) (X)	1.8 3.2 1.5

X Not Applicable Prelimina

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 adjuste 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 change

² Topical series are regroupings of the separate industry categories

³ Nondefense are tegroupings of the separate industry categories ³
⁴ Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machine vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compresso material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigati equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stoin ships and boats; office and institutional furniture; and medical equipment and supplie

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

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

[Estimates are shown in millions of d	ollars and a		n data from Seasonally A		acturers.	Shipment	s, Inventorie		ers Survey. easonally Adj		
		Monthly			rcent Chan	ge		Mon			Percent
Industry	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Sept Oct.	Aug Sept.	July - Aug.	Oct. 2012 ^p	Sept. 2012 ^r	Aug. 2012	Oct. 2011	Change Oct. 12/11
MATERIALS AND SUPPLIES											
All manufacturing industries	203,988	204,091	203,358	-0.1	0.4	0.4	203,970	203,778	203,632	197,114	3.5
Durable goods industries	121,565	121,273	120,817	0.2	0.4	0.5	121,535	121,204	121,544	115,466	5.3
Wood products Nonmetallic mineral products	3,573 4,582	3,585 4,624	3,622 4,688	-0.3 -0.9	-1.0 -1.4	1.0 -0.2	3,732 4,557	3,683 4,612	3,618 4,686	3,515 4,534	6.2 0.5
Primary metals Fabricated metal products	13,231 16,939	12,929 16,928	12,833 16,814	2.3 0.1	0.7 0.7	0.7 0.0	13,328 16,785	13,019 16,977	12,881 16,932	13,460 16,276	-1.0 3.1
Machinery	26,032	26,097	26,090	-0.2	0.0	0.4	26,093	26,132	26,435	23,821	9.5
Computers and electronic products Electrical equipment, appliances,	17,748	17,725	17,463	0.1	1.5	1.1	17,804	17,582	17,553	16,527	7.7
and components Transportation equipment	6,954 21,770	6,808 21,859	6,809 21,710	2.1 -0.4	0.0 0.7	-0.6 1.4	6,818 21,699	6,631 21,876	6,870 21,698	6,486 20,207	5.1 7.4
Furniture and related products	2,973 7,763	2,959 7,759	2,963 7,825	0.5 0.1	-0.1 -0.8	-0.6 -0.4	2,945 7,774	2,955 7,737	2,982 7,889	2,869 7,771	2.6 0.0
Nondurable goods industries	82,423	82,818	82,541	-0.5	0.3	0.4	82,435	82,574	82,088	81,648	1.0
Food products Beverage and tobacco products	15,593	15,511 4,910	15,252 4,946	0.5 0.0	1.7 -0.7	1.9 -0.1	16,275 4,937	15,329 4,738	15,045 4,714	15,326 4,647	6.2 6.2
Textiles	1,189	1,179	1,187	0.8	-0.7	-0.7	1,172	1,179	1,198	1,243	-5.7
Textile productsApparel	1,492 837	1,480 805	1,484 763	0.8 4.0	-0.3 5.5	-0.3 1.2	1,490 843	1,493 826	1,497 773	1,474 662	1.1 27.3
Leather and allied products Paper products	266 6,918	269 6,959	271 6,979	-1.1 -0.6	-0.7 -0.3	6.7 -1.3	268 6,918	277 6,970	279 6,986	262 7,033	2.3 -1.6
Printing Petroleum and coal products	2,430 17,394	2,432 18,148	2,479 17,866	-0.1 -4.2	-1.9 1.6	-0.8 2.1	2,480 17,114	2,476 18,255	2,518 17,608	2,629 16,478	-5.7 3.9
Chemical products	22,668	22,469	22,718	0.9	-1.1	-1.1	22,384	22,403	22,820	23,405	-4.4
Plastics and rubber products WORK IN PROCESS	8,728	8,656	8,596	0.8	0.7	0.2	8,554	8,628	8,650	8,489	0.8
All manufacturing industries	190,256	190,714	188,931	-0.2	0.9	0.7	192,061	188,852	189,508	185,143	3.7
Durable goods industries	144,754	144,375	144,197	0.3	0.1	0.6	144,939	143,469	145,861	137,260	5.6
Wood products	1,542	1,548	1,514	-0.4	2.2	-1.2	1,552	1,547	1,507	1,486	4.4
Nonmetallic mineral products Primary metals	1,395 10,988	1,390 10,932	1,384 10,964	0.4 0.5	0.4 -0.3	1.2 -1.3	1,335 10,804	1,365 10,898	1,368 11,253	1,238 11,129	7.8 -2.9
Fabricated metal products	13,587 16,538	13,472 16,546	13,546 16,676	0.9 0.0	-0.5 -0.8	0.4 -0.4	13,700 16,732	13,522 16,364	13,723 16,877	12,866 16,246	6.5 3.0
Computers and electronic products Electrical equipment, appliances,	15,536	15,984	15,893	-2.8	0.6	-1.1	15,659	15,787	16,126	17,587	-11.0
and components	3,678	3,667	3,584	0.3	2.3	0.5	3,640	3,579	3,643	3,491	4.3
Transportation equipment Furniture and related products	77,074 1,040	76,429 1,036	76,236 1,022	0.8 0.4	0.3 1.4	1.6 -1.4	77,059 1,030	75,984 1,035	76,913 1,028	68,993 977	11.7 5.4
Miscellaneous products	3,376	3,371	3,378	0.1	-0.2	-0.7	3,428	3,388	3,423	3,247	5.6
Nondurable goods industries Food products	45,502 4,055	46,339 4,020	44,734 4,164	-1.8 0.9	3.6 -3.5	1.1 1.5	47,122 5,092	45,383 3,632	43,647 3,712	47,883 4,763	-1.6 6.9
Beverage and tobacco products Textiles	6,276 774	6,068 776	5,922 772	3.4 -0.3	2.5 0.5	0.7 1.7	6,773 777	5,823 785	5,322 782	6,272 827	8.0 -6.0
Textile products	416 390	418 393	414 389	-0.5 -0.8	1.0 1.0	-1.7 1.3	415 388	422 408	416 415	446 362	-7.0 7.2
Leather and allied products	114	115	112	-0.9	2.7	-9.7	111	111	108	120	-7.5
Paper products	1,285 1,191	1,269 1,199	1,248 1,243	1.3 -0.7	1.7 -3.5	-0.1 0.6	1,272 1,296	1,269 1,245	1,265 1,342	1,361 1,406	-6.5 -7.8
Petroleum and coal products Chemical products	13,934 14,782	14,550 15,243	13,275 14,896	-4.2 -3.0	9.6 2.3	5.3 -1.7	13,877 14,858	14,304 15,096	13,072 14,915	14,428 15,734	-3.8 -5.6
Plastics and rubber products	2,285	2,288	2,299	-0.1	-0.5	-1.8	2,263	2,288	2,298	2,164	4.6
FINISHED GOODS											
All manufacturing industries	221,706	220,648	219,670	0.5	0.4	0.8	222,705	222,012	222,386	218,353	2.0
Durable goods industries Wood products	108,154 3,966	107,172 3,925	106,938 3,837	0.9 1.0	0.2 2.3	0.6 0.8	108,019 3,893	106,361 3,874	108,258 3,799	103,008 3,755	4.9 3.7
Nonmetallic mineral products Primary metals	5,707 10,467	5,628 10,424	5,620 10,308	1.4 0.4	0.1 1.1	1.1 0.6	5,469 10,196	5,478 10,413	5,504 10,209	5,265 10,243	3.9 -0.5
Fabricated metal products		15,669 24,347	15,606 24,231	0.3 -0.1	0.4 0.5	0.1 1.6	15,515 23,856	15,473 23,873	15,608 24,240	15,794 21,325	-1.8 11.9
Computers and electronic products	13,128	12,866	13,147	2.0	-2.1	0.3	13,376	12,845	13,672	12,062	10.9
Electrical equipment, appliances, and components	5,103	5,079	5,042	0.5	0.7	-0.1	5,200	5,038	5,137	5,071	2.5
Transportation equipment Furniture and related products	14,926 2,202	14,407 2,178	14,244 2,175	3.6 1.1	1.1 0.1	1.0 0.8	15,347 2,221	14,385 2,195	14,921 2,253	14,014 2,144	9.5 3.6
Miscellaneous products	12,606	12,649	12,728	-0.3	-0.6	-0.6	12,946	12,787	12,915	13,335	-2.9
Nondurable goods industries Food products	113,552 26,329	113,476 25,960	112,732 25,738	0.1 1.4	0.7 0.9	0.9 0.0	114,686 27,550	115,651 27,155	114,128 26,681	115,345 27,414	-0.6 0.5
Beverage and tobacco products Textiles		7,750 1,422	7,598 1,424	0.7 0.1	2.0 -0.1	-1.1 -0.7	7,989 1,418	7,979 1,410	7,759 1,406	7,428 1,459	7.6 -2.8
Textile products	1,246	1,255	1,244	-0.7	0.9	-0.8	1,244	1,260	1,257	1,303	-4.5
ApparelLeather and allied products	1,181 471	1,187 469	1,195 463	-0.5 0.4	-0.7 1.3	1.4 1.1	1,247 471	1,314 475	1,303 482	1,266 419	-1.5 12.4
Paper products	5,776 1,625	5,786 1,634	5,902 1,636	-0.2 -0.6	-2.0 -0.1	-0.5 -0.1	5,734 1,649	5,788 1,632	5,890 1,640	5,931 1,571	-3.3 5.0
Petroleum and coal products	22,987	22,891 34,560	22,525 34,540	0.4 -1.4	1.6 0.1	4.4 0.4	22,854 33,944	23,543 34,570	22,524 34,746	21,814 36,178	4.8 -6.2
Plastics and rubber products	10,641	10,562	10,467	0.7	0.1	0.4	10,586	10,525	10,440	10,562	0.2

Preliminary Revised data due to late receipts and concurrent seasonal adjustment

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

Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group³

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

	Inve	Inventory/Shipments ratio				d Orders/	Shipment	s ratio1
Industry	Oct 2012 ^p	Sep 2012 ^r	Aug 2012	Jul 2012	Oct 2012 ^p	Sep 2012 ^r	Aug 2012	Jul 2012
All manufacturing industries ²	1.28	1.28	1.28	1.27	(X)	(X)	(X)	(X)
Durable goods industries ²	1.68	1.67	1.67	1.61	6.25	6.24	6.28	6.23
Wood products	1.43	1.46	1.44	1.46	(X)	(X)	(X)	(X)
Nonmetallic mineral products	1.43	1.43	1.44	1.44				(X)
Primary metals	1.24	1.21	1.22	1.21	1.14	1.11	1.13	1.17
Fabricated metal products	1.70	1.69	1.69	1.69	3.16	3.16	3.16	3.16
Machinery	2.06	2.08	2.06	2.03	4.18	4.24	4.28	4.42
Computers and electronic products ² Electrical equipment, appliances,	1.66	1.66	1.69	1.63	7.50	7.46	7.67	7.56
and components	1.60	1.59	1.56	1.55	2.35	2.36	2.38	2.36
Transportation equipment	1.78	1.75	1.76	1.59	14.44	14.47	14.66	13.79
Furniture and related products	1.14	1.14	1.15	1.16	1.38	1.38	1.37	1.38
Miscellaneous products	1.75	1.72	1.74	1.77	(X)	(X)	(X)	(X)
Nondurable goods industries	0.93	0.94	0.94	0.96	(X)	(X)	(X)	(X)
Food products	0.75	0.75	0.74	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products	1.50	1.52	1.43	1.46	(X)	(X)	(X)	(X)
Textiles	1.36	1.37	1.37	1.37	(X)	(X)	(X)	(X)
Textile products	1.59	1.61	1.58	1.62	(X)	(X)	(X)	(X)
Apparel	1.82	1.87	1.80	1.79	(X)	(X)	(X)	(X)
Leather and allied products	1.86	1.95	1.92	1.87	(X)	(X)	(X)	(X)
Paper products	1.00	1.01	1.02	1.03	(X)	(X)	(X)	(X)
Printing	0.78	0.79	0.80	0.81	(X)	(X)	(X)	(X)
Petroleum and coal products	0.69	0.72	0.72	0.74	(X)	(X)	(X)	(X)
Chemical products	1.14	1.16	1.16	1.17	(X)	(X)	(X)	(X)
Plastics and rubber products	1.24	1.24	1.24	1.24	(X)	(X)	(X)	(X)

X Not Applicable

Table 8. Revisions to Previously Published Monthly Percent Changes³

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

	Shipments		New (Orders	Unfilled Orders		Inven	tories
Industry	Oct ¹ 2012	Oct ² 2011- Sep 2012	Oct ¹ 2012	Oct ² 2011- Sep 2012	Oct ¹ 2012	Oct ² 2011- Sep 2012	Oct ¹ 2012	Oct ² 2011- Sep 2012
All manufacturing industries	(X)	0.2	(X)	0.3	(X)	0.1	(X)	0.1
Durable goods industries	0.2 (X) (X) 0.1 0.0 0.6 -0.3 0.5 0.3 (X) (X)	0.2 0.7 0.7 0.8 0.3 0.8 0.8 0.4 0.3 0.4	0.5 (X) (X) -0.1 -0.3 1.7 -0.4 0.7 0.8 (X) (X)	0.4 (NA) (NA) 1.4 0.7 1.2 1.1 1.1 1.4 0.7 0.7	0.1 (X) (X) -0.2 -0.1 0.2 0.0 0.1 (X) (X)	0.1 (NA) (NA) 0.6 0.3 0.2 0.2 0.5 0.2 0.6 0.5	(X) 0.1 0.0 -0.1 0.2 0.8 0.0 (X)	0.1 0.3 0.2 0.5 0.2 0.2 0.2 0.2
Nondurable goods industries Food products Beverage and tobacco products Textiles Textile products Apparel Leather and allied products Paper products Printing Petroleum and coal products. Chemical products. Plastics and rubber products.	888888888888888888888888888888888888888	0.4 0.1 0.8 0.4 0.6 1.2 0.8 0.2 0.8 1.1 0.5	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	(NA) (NA) (NA) (NA) (NA) (NA) (NA) (NA)	888888888888888888888888888888888888888	(24) (24) (24) (24) (24) (24) (24) (24)	(X) (X) (X) (X) (X) (X) (X) (X) (X) (X)	0.1 0.2 0.3 0.3 0.7 0.6 0.2 0.6 0.5 0.2

X Not Applicable

p Preliminary

Revised data due to late receipts and concurrent seasonal adjustment.

¹ Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; excludes the rollowing industries with no lumilled orders: wood products; nonmetalite nilneral 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.

²Unfilled orders to shipments ratio excludes semiconductor manufacturing.

NA Not Available

¹ The current month revisions are the difference between the advance percent change and the percent change as shown in this

² 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.

³ 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

Survey Description

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

The data presented in this release are based on data obtained from a panel of 4,300 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,300 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source. Any corrections will be published in the full report. Corrections received after the full report will be released in the next month's advance report. Any revisions made later than two months will be reflected in the annual benchmark publication.

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

2013	Release	Dates	for th	1e M3	Survey
4013	ILCICASC	Daics	IVI U		Dui vev

Survey month	Advance Report (8:30 a.m. release time)	Full Report (10:00 a.m. release time)
October 2012	November 27, 2012	December 5, 2012
November 2012	December 24, 2012	January 4, 2013
December 2012	January 28, 2013	February 4, 2013
January 2013	February 27, 2013	March 6, 2013
February 2013	March 26, 2013	April 2, 2013
March 2013	April 24, 2013	May 3, 2013
April 2013	May 24, 2013	June 5, 2013
May 2013	June 25, 2013	July 2, 2013
June 2013	July 25, 2013	August 2, 2013
July 2013	August 26, 2013	September 5, 2013
August 2013	September 25, 2013	October 3, 2013
September 2013	October 25, 2013	November 4, 2013
October 2013	November 27, 2013	December 5, 2013
November 2013	December 24, 2013	Not available at this time