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Full Report on Manufacturers' Shipments, Inventories and Orders March 2013

Summary

New orders for manufactured goods in March, down two of the last three months, decreased \$19.5 billion or 4.0 percent to \$467.3 billion, the U.S. Census Bureau reported today. This followed a 1.9 percent February increase. Excluding transportation, new orders decreased 2.0 percent.

Shipments, down following two consecutive monthly increases, decreased \$5.0 billion or 1.0 percent to \$481.8 billion. This followed a 0.4 percent February increase.

Unfilled orders, down two of the last three months, decreased \$7.1 billion or 0.7 percent to \$990.1 billion. This followed a 0.7 percent February increase. The unfilled orders-to-shipments ratio was 6.20, down from 6.28 in February.

Inventories, up four consecutive months, increased \$0.2 billion to \$620.2 billion. This was at the highest level since the series was first published on a NAICS basis in 1992, and followed a 0.2 percent February increase. The inventories-to-shipments ratio was 1.29, up from 1.27 in February.

New Orders

New orders for manufactured durable goods in March, down two of the last three months, decreased \$13.4 billion or 5.8 percent to \$216.0 billion, revised from the previously published 5.7 percent decrease. This followed a 4.3 percent February increase.

Transportation equipment, also down two of the last three months, led the decrease, down \$11.1 billion or 15.1 percent to \$62.5 billion.

New orders for manufactured nondurable goods decreased \$6.1 billion or 2.4 percent to \$251.3 billion.

Shipments

Shipments of manufactured durable goods in March, up six of the last seven months, increased \$1.1 billion or 0.5 percent to \$230.4 billion, revised from the previously published 0.4 percent increase. This was at the highest level since the series was first published on a NAICS basis, and followed a 0.9 percent February increase.

Transportation equipment, up four of the last five

months, drove the increase, up \$1.6 billion or 2.3 percent to \$67.8 billion.

Shipments of manufactured nondurable goods, down two consecutive months, decreased \$6.1 billion or 2.4 percent to \$251.3 billion. This followed a 0.1 percent February decrease. Petroleum and coal products, down following two consecutive monthly increases, led the decrease, down \$5.4 billion or 7.1 percent to \$70.5 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in March, down two of the last three months, decreased \$7.1 billion or 0.7 percent to \$990.1 billion, revised from the previously published 0.6 percent decrease. This followed a 0.7 percent February increase.

Transportation equipment, also down two of the last three months, led the decrease, down \$5.4 billion or 0.9 percent to \$585.8 billion.

Inventories

Inventories of manufactured durable goods in March, down following two consecutive monthly increases, decreased \$0.4 billion or 0.1 percent to \$376.2 billion, revised from the previously published 0.1 percent increase. This followed a 0.3 percent February increase.

Primary metals, down three consecutive months, drove the decrease, down \$0.5 billion or 1.6 percent to \$33.9 billion.

Inventories of manufactured nondurable goods, up three of the last four months, increased \$0.6 billion or 0.2 percent to \$244.0 billion. This followed a slight February decrease. Chemical products, up five consecutive months, led the increase, up \$0.3 billion or 0.4 percent to \$75.2 billion.

By stage of fabrication, March materials and supplies decreased 0.4 percent in durable goods and increased 0.7 percent in nondurable goods. Work in process increased 0.5 percent in durable goods and 0.4 percent in nondurable goods. Finished goods decreased 0.6 percent in durable goods and 0.2 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 April is scheduled for release on May 24, 2013, at 8:30 a.m. EDT and the full report on June 5, 2013, at 10:00 a.m. EDT. 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.

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.]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Mar. 2013 ^p	Feb. 2013 ^r	Jan. 2013	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2013 ^p	Feb. 2013 ^r	Jan. 2013	Mar. 2012	2013 ^p	2012	Percent 2013/ 2012
All manufacturing industries.....	481,766	486,750	484,985	-1.0	0.4	0.4	504,070	455,368	450,502	503,185	1,409,940	1,394,764	1.1
Excluding transportation.....	413,920	420,459	419,911	-1.6	0.1	0.8	428,706	390,989	393,179	433,413	1,212,874	1,210,049	0.2
Excluding defense.....	470,595	476,146	474,678	-1.2	0.3	0.7	491,516	445,251	442,096	490,709	1,378,863	1,363,248	1.1
With unfilled orders.....	159,713	158,845	158,353	0.5	0.3	-1.7	172,254	149,043	143,386	171,405	464,683	462,364	0.5
Durable goods industries.....	230,438	229,314	227,351	0.5	0.9	-0.7	245,366	215,091	207,233	238,715	667,690	650,399	2.7
Wood products.....	6,861	6,905	6,788	-0.6	1.7	5.7	6,833	6,167	5,901	5,979	18,901	16,607	13.8
Nonmetallic mineral products.....	8,117	8,271	8,259	-1.9	0.1	1.3	7,880	7,029	7,159	7,966	22,068	21,803	1.2
Primary metals.....	28,079	28,656	29,028	-2.0	-1.3	-3.0	29,833	27,890	28,711	30,605	86,434	87,682	-1.4
Iron and steel mills.....	9,794	10,081	10,390	-2.8	-3.0	-0.5	10,659	9,867	10,422	12,691	30,948	36,149	-14.4
Aluminum and nonferrous metals.....	16,515	16,791	16,869	-1.6	-0.5	-4.8	17,272	16,303	16,609	15,905	50,184	45,958	9.2
Ferrous metal foundries.....	1,770	1,784	1,769	-0.8	0.8	0.1	1,902	1,720	1,680	2,009	5,302	5,575	-4.9
Fabricated metal products.....	27,533	27,992	27,897	-1.6	0.3	2.2	28,103	25,807	26,208	28,507	80,118	80,457	-0.4
Machinery.....	34,548	34,328	33,415	0.6	2.7	0.4	37,065	31,963	29,648	36,253	98,676	93,102	6.0
Farm machinery.....	2,177	2,319	2,309	-6.1	0.4	12.0	2,748	2,636	2,125	3,318	7,509	8,165	-8.0
Construction machinery.....	6,227	6,090	5,674	2.2	7.3	-2.8	6,045	5,258	4,997	4,236	16,300	11,645	40.0
Mining, oil field, and gas field machinery.....	1,956	1,989	2,016	-1.7	-1.3	0.6	2,038	1,895	1,866	2,211	5,799	6,019	-3.7
Industrial machinery.....	3,597	3,719	3,610	-3.3	3.0	1.5	4,253	3,234	2,855	3,811	10,342	8,752	18.2
Photographic equipment.....	591	617	637	-4.2	-3.1	-0.8	652	560	533	766	1,745	1,927	-9.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,145	3,220	3,206	-2.3	0.4	1.9	3,185	2,643	2,548	3,282	8,376	8,088	3.6
Metalworking machinery.....	2,753	2,713	2,644	1.5	2.6	1.9	2,790	2,366	2,430	2,515	7,586	6,705	13.1
Turbines, generators, and other power transmission equipment.....	4,063	3,467	3,137	17.2	10.5	-7.4	4,245	3,395	2,985	4,660	10,625	11,349	-6.4
Material handling equipment.....	2,867	2,889	2,911	-0.8	-0.8	0.2	3,098	2,757	2,636	3,064	8,491	8,144	4.3
Computers and electronic products ²	27,929	27,165	27,272	2.8	-0.4	-3.1	29,234	23,796	24,852	28,508	77,882	80,469	-3.2
Computers.....	994	850	876	16.9	-3.0	-26.8	1,056	642	714	1,250	2,412	3,618	-33.3
Computer storage devices.....	646	590	588	9.5	0.3	-5.3	980	381	409	1,123	1,770	2,129	-16.9
Other peripheral equipment.....	893	848	851	5.3	-0.4	-8.8	1,091	630	527	1,117	2,248	2,431	-7.5
Nondefense communications equipment.....	2,928	2,902	2,929	0.9	-0.9	4.2	3,437	2,553	2,318	3,106	8,308	7,706	7.8
Defense communications equipment....	336	328	328	2.4	0.0	-0.9	371	321	300	427	992	1,143	-13.2
Audio and video equipment.....	247	258	250	-4.3	3.2	-2.3	243	216	208	258	667	633	5.4
Electronic components.....	3,418	3,457	3,559	-1.1	-2.9	2.7	3,665	3,180	3,238	3,928	10,083	10,559	-4.5
Nondefense search and navigation equipment.....	1,244	1,314	1,291	-5.3	1.8	-3.4	1,403	1,241	1,122	1,559	3,766	3,924	-4.0
Defense search and navigation equipment.....	2,853	2,939	2,904	-2.9	1.2	-1.9	2,984	2,906	2,492	3,093	8,382	8,625	-2.8
Electromedical, measuring, and control instruments.....	6,490	6,426	6,149	1.0	4.5	-2.5	7,519	5,907	5,355	7,866	18,781	20,426	-8.1
Electrical equipment, appliances, and components.....	9,962	10,125	10,108	-1.6	0.2	0.8	10,560	9,347	9,113	10,831	29,020	29,038	-0.1
Electric lighting equipment.....	890	903	917	-1.4	-1.5	2.6	908	862	866	953	2,636	2,683	-1.8
Household appliances.....	1,592	1,642	1,653	-3.0	-0.7	5.5	1,756	1,492	1,380	1,784	4,628	4,439	4.3
Electrical equipment.....	3,003	3,003	3,003	0.0	0.0	-2.4	3,317	2,755	2,636	3,513	8,708	9,134	-4.7
Batteries.....	1,062	1,078	1,049	-1.5	2.8	1.9	1,007	914	915	937	2,836	2,609	8.7
Transportation equipment.....	67,846	66,291	65,074	2.3	1.9	-1.8	75,364	64,379	57,323	69,772	197,066	184,715	6.7
Automobiles.....	10,917	10,868	10,246	0.5	6.1	1.5	11,423	10,624	9,820	8,946	31,867	24,593	29.6
Light trucks and utility vehicles.....	14,444	14,597	13,667	-1.0	6.8	4.5	15,824	14,694	12,270	13,983	42,788	37,385	14.5
Heavy duty trucks.....	2,161	2,131	2,149	1.4	-0.8	-4.8	2,256	1,998	1,992	2,757	6,246	7,721	-19.1
Motor vehicle bodies, parts, and trailers.....	18,988	18,859	18,474	0.7	2.1	-2.1	20,539	18,973	17,587	20,260	57,099	56,432	1.2
Nondefense aircraft and parts.....	10,014	8,868	9,968	12.9	-11.0	-6.5	12,256	7,883	7,292	10,813	27,431	26,474	3.6
Defense aircraft and parts.....	4,900	4,482	4,222	9.3	6.2	-14.1	5,782	4,075	3,251	5,910	13,108	13,724	-4.5
Ships and boats.....	2,254	2,170	2,172	3.9	-0.1	-3.6	2,512	2,160	1,819	2,473	6,491	6,594	-1.6
Furniture and related products.....	5,476	5,469	5,449	0.1	0.4	-0.3	5,616	5,323	5,153	5,535	16,092	15,771	2.0
Miscellaneous durable goods.....	14,087	14,112	14,061	-0.2	0.4	0.9	14,878	13,390	13,165	14,759	41,433	40,755	1.7
Nondurable goods industries.....	251,328	257,436	257,634	-2.4	-0.1	1.4	258,704	240,277	243,269	264,470	742,250	744,365	-0.3
Food products.....	62,321	62,569	62,428	-0.4	0.2	0.3	62,915	59,819	60,783	60,962	183,517	178,020	3.1
Grain and oilseed milling.....	8,326	8,345	8,413	-0.2	-0.8	-0.5	8,106	7,919	8,451	8,042	24,476	24,002	2.0
Dairy products.....	8,465	8,518	8,467	-0.6	0.6	-0.6	8,593	7,830	8,267	8,527	24,690	24,749	-0.2
Meat, poultry, and seafood products....	16,826	16,944	16,956	-0.7	-0.1	-0.4	16,866	16,442	16,222	16,781	49,530	49,117	0.8
Beverage and tobacco products.....	12,652	12,283	12,186	3.0	0.8	0.2	12,513	11,195	10,911	12,275	34,619	34,113	1.5
Beverages.....	9,391	9,371	9,246	0.2	1.4	-1.8	9,252	8,283	7,971	8,924	25,506	24,684	3.3
Tobacco.....	3,261	2,912	2,940	12.0	-1.0	7.2	3,261	2,912	2,940	3,351	9,113	9,429	-3.4
Textile mills.....	2,510	2,552	2,497	-1.6	2.2	0.0	2,665	2,498	2,333	2,644	7,496	7,434	0.8
Textile products.....	2,057	2,063	2,006	-0.3	2.8	1.8	2,187	2,018	1,789	2,071	5,994	5,739	4.4
Apparel.....	1,253	1,278	1,273	-2.0	0.4	1.6	1,203	1,244	1,132	1,210	3,579	3,620	-1.1
Leather and allied products.....	458	466	499	-1.7	-6.6	6.2	483	485	426	482	1,394	1,331	4.7
Paper products.....	13,664	13,701	13,720	-0.3	-0.1	-0.5	13,781	12,771	13,506	14,171	40,058	41,358	-3.1
Pulp, paper, and paperboard mills.....	6,507	6,510	6,507	0.0	0.0	-0.1	6,562	6,077	6,520	6,651	19,159	19,567	-2.1
Paperboard containers.....	4,026	4,050	4,048	-0.6	0.0	0.1	4,086	3,736	3,937	4,181	11,759	12,018	-2.2
Printing.....	6,585	6,649	6,787	-1.0	-2.0	3.6	6,771	6,015	6,436	6,934	19,222	19,264	-0.2
Petroleum and coal products.....	70,513	75,867	75,723	-7.1	0.2	3.7	72,588	68,963	69,160	75,947	210,711	209,920	0.4
Petroleum refineries.....	66,436	71,692	70,973	-7.3	1.0	3.1	68,857	65,589	65,647	71,721	200,093	198,932	0.6
Chemical products.....	61,882	62,248	62,530	-0.6	-0.5	-0.1	65,571	58,627	59,614	69,108	183,812	191,654	-4.1
Pesticides, fertilizers, and other agricultural chemicals.....	2,806	3,002	3,183	-6.5	-5.7	-7.0	3,808	2,857	2,677	4,668	9,342	10,316	-9.4
Pharmaceuticals and medicines.....	13,518	13,468	13,662	0.4	-1.4	2.0	14,036	12,559	13,314	14,863	39,909	43,038	-7.3
Paints, coatings, and adhesives.....	2,842	2,884	2,858	-1.5	0.9	1.5	2,958	2,666	2,571	3,075	8,195	8,356	-1.9
Plastics and rubber products.....	17,433	17,760	17,985	-1.8	-1.3	3.2	18,027	16,642	17,179	18,666	51,848	51,912	-0.1

^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.

Table 2. Value of Manufacturers' New Orders for Industry Groups¹**[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Mar. 2013 ^p	Feb. 2013 ^f	Jan. 2013	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2013 ^p	Feb. 2013 ^f	Jan. 2013	Mar. 2012	2013 ^p	2012	Percent 2013/ 2012
All manufacturing industries ²	467,288	486,809	477,514	-4.0	1.9	-1.0	492,703	467,252	448,793	502,316	1,408,748	1,411,792	-0.2
Excluding transportation ²	404,814	413,238	416,333	-2.0	-0.7	2.0	423,762	392,057	394,724	432,390	1,210,543	1,212,145	-0.1
Excluding defense ²	460,810	477,513	470,469	-3.5	1.5	1.4	483,178	457,227	441,265	487,196	1,381,670	1,375,823	0.4
With unfilled orders ²	152,603	165,636	157,888	-7.9	4.9	-6.0	166,891	166,296	149,361	174,822	482,548	497,259	-3.0
Durable goods industries ²	215,960	229,373	219,880	-5.8	4.3	-3.7	233,999	226,975	205,524	237,846	666,498	667,427	-0.1
Primary metals.....	27,986	28,924	28,724	-3.2	0.7	-1.4	29,801	29,217	29,504	30,335	88,522	88,741	-0.2
Iron and steel mills.....	9,794	10,326	9,993	-5.2	3.3	0.3	10,673	10,981	10,951	12,502	32,605	36,993	-11.9
Aluminum and nonferrous metals.....	16,473	16,842	16,951	-2.2	-0.6	-2.6	17,295	16,490	16,778	15,867	50,563	45,924	10.1
Ferrous metal foundries.....	1,719	1,756	1,780	-2.1	-1.3	1.9	1,833	1,746	1,775	1,966	5,354	5,824	-8.1
Fabricated metal products.....	27,660	28,326	29,599	-2.4	-4.3	2.0	30,513	28,315	29,052	31,233	87,880	85,836	2.4
Machinery.....	33,583	33,857	35,604	-0.8	-4.9	15.8	36,022	33,213	34,149	35,170	103,384	99,837	3.6
Construction machinery.....	6,334	5,776	6,885	9.7	-16.1	56.1	6,144	5,564	7,114	3,612	18,822	13,542	39.0
Mining, oil field, and gas field machinery.....	1,856	2,702	2,309	-31.3	17.0	-6.9	1,665	2,912	2,363	789	6,940	5,809	19.5
Industrial machinery.....	3,479	3,388	3,459	2.7	-2.1	4.1	4,167	2,875	2,994	4,123	10,036	9,430	6.4
Photographic equipment.....	574	673	601	-14.7	12.0	-1.2	589	659	626	726	1,874	2,110	-11.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,842	3,124	3,260	-9.0	-4.2	8.2	2,996	2,980	2,582	3,690	8,558	9,044	-5.4
Metalworking machinery.....	2,551	2,519	2,563	1.3	-1.7	0.8	2,513	2,352	2,573	2,560	7,438	7,319	1.6
Turbines, generators, and other power transmission equipment.....	3,725	3,235	4,190	15.1	-22.8	44.8	3,851	3,115	4,076	4,807	11,042	12,908	-14.5
Material handling equipment.....	2,946	2,880	3,020	2.3	-4.6	6.3	3,296	2,841	2,838	3,281	8,975	8,693	3.2
Computers and electronic products ²	19,944	19,836	20,346	0.5	-2.5	-5.0	22,855	19,106	17,914	25,764	59,875	67,563	-11.4
Computers.....	980	952	871	2.9	9.3	-25.0	1,042	744	709	1,294	2,495	3,591	-30.5
Nondefense communications equipment.....	3,293	2,818	3,474	16.9	-18.9	1.0	3,678	2,806	3,011	3,643	9,495	9,466	0.3
Defense communications equipment.....	55	351	305	-84.3	15.1	-41.8	267	377	272	654	916	1,233	-25.7
Electronic components.....	3,487	3,548	3,604	-1.7	-1.6	0.8	3,611	3,425	3,430	3,848	10,466	10,800	-3.1
Nondefense search and navigation equipment.....	1,342	1,473	1,510	-8.9	-2.5	-4.1	1,425	1,503	1,453	1,834	4,381	4,841	-9.5
Defense search and navigation equipment.....	2,433	2,360	2,327	3.1	1.4	-8.0	2,822	2,693	1,931	3,497	7,446	9,679	-23.1
Electromedical, measuring, and control instruments.....	6,056	6,117	6,025	-1.0	1.5	-4.4	7,215	5,881	5,479	8,001	18,575	21,352	-13.0
Electrical equipment, appliances, and components.....	9,849	10,142	9,910	-2.9	2.3	0.2	10,360	9,814	9,516	10,797	29,690	30,144	-1.5
Electric lighting equipment.....	911	916	958	-0.5	-4.4	4.9	945	847	916	963	2,708	2,645	2.4
Household appliances.....	1,630	1,595	1,515	2.2	5.3	-6.8	1,745	1,505	1,359	1,749	4,609	4,533	1.7
Electrical equipment.....	2,948	3,014	3,029	-2.2	-0.5	-6.2	3,203	2,889	2,890	3,402	8,982	9,531	-5.8
Transportation equipment.....	62,474	73,571	61,181	-15.1	20.3	-17.7	68,941	75,195	54,069	69,926	198,205	199,647	-0.7
Motor vehicle bodies, parts, and trailers.....	19,034	19,103	18,412	-0.4	3.8	-1.3	20,446	19,551	17,596	20,053	57,593	56,453	2.0
Nondefense aircraft and parts.....	9,075	17,560	9,423	-48.3	86.4	-23.8	9,725	19,102	5,077	10,404	33,904	40,398	-16.1
Defense aircraft and parts.....	2,439	2,616	2,804	-6.8	-6.7	-65.0	3,621	2,393	3,411	7,611	9,425	16,579	-43.2
Ships and boats.....	1,598	1,101	1,202	45.1	-8.4	-76.1	1,657	1,622	1,804	1,249	5,083	5,793	-12.3
Furniture and related products.....	5,432	5,435	5,393	-0.1	0.8	0.1	5,949	5,535	5,080	5,967	16,564	16,589	-0.2
Nondurable goods industries.....	251,328	257,436	257,634	-2.4	-0.1	1.4	258,704	240,277	243,269	264,470	742,250	744,365	-0.3

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

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

² 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/>>.

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Mar. 13/12
	Mar. 2013 ^p	Feb. 2013 ^r	Jan. 2013	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2013 ^p	Feb. 2013 ^r	Jan. 2013	Mar. 2012	
All manufacturing industries ²	990,072	997,182	990,391	-0.7	0.7	0.0	1,006,833	1,012,196	994,943	1,000,818	0.6
Excluding transportation ²	404,257	405,995	406,484	-0.4	-0.1	0.9	411,936	410,876	404,439	425,220	-3.1
Excluding defense ²	802,503	804,920	796,821	-0.3	1.0	0.4	815,039	817,373	800,028	806,850	1.0
Durable goods industries ²	990,072	997,182	990,391	-0.7	0.7	0.0	1,006,833	1,012,196	994,943	1,000,818	0.6
Primary metals.....	30,295	30,388	30,120	-0.3	0.9	-1.0	32,023	32,055	30,728	37,061	-13.6
Iron and steel mills.....	16,662	16,662	16,417	0.0	1.5	-2.4	18,010	17,996	16,882	21,263	-15.3
Aluminum and nonferrous metals.....	10,412	10,454	10,403	-0.4	0.5	0.8	10,712	10,689	10,502	12,192	-12.1
Ferrous metal foundries.....	3,221	3,272	3,300	-1.6	-0.8	0.3	3,301	3,370	3,344	3,606	-8.5
Fabricated metal products.....	87,127	87,000	86,666	0.1	0.4	2.0	89,926	87,516	85,008	82,750	8.7
Machinery.....	122,304	123,269	123,740	-0.8	-0.4	1.8	123,482	124,525	123,275	141,197	-12.5
Construction machinery.....	19,711	19,604	19,918	0.5	-1.6	6.5	20,591	20,492	20,186	28,716	-28.3
Mining, oil field, and gas field machinery.....	20,115	20,215	19,502	-0.5	3.7	1.5	19,980	20,353	19,336	19,981	0.0
Industrial machinery.....	6,743	6,861	7,192	-1.7	-4.6	-2.1	6,771	6,857	7,216	9,074	-25.4
Photographic equipment.....	2,990	3,007	2,951	-0.6	1.9	-1.2	2,943	3,006	2,907	2,645	11.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	8,311	8,614	8,710	-3.5	-1.1	0.6	8,196	8,385	8,048	9,346	-12.3
Metalworking machinery.....	6,527	6,729	6,923	-3.0	-2.8	-1.2	6,684	6,961	6,975	7,922	-15.6
Turbines, generators, and other power transmission equipment.....	25,544	25,882	26,114	-1.3	-0.9	4.2	25,663	26,057	26,337	29,056	-11.7
Material handling equipment.....	8,255	8,176	8,185	1.0	-0.1	1.3	8,400	8,202	8,118	8,282	1.4
Computers and electronic products ²	136,738	137,355	137,952	-0.4	-0.4	0.1	138,292	138,667	137,988	135,073	2.4
Computers.....	1,424	1,438	1,336	-1.0	7.6	-0.4	1,424	1,438	1,336	1,129	26.1
Nondefense communications equipment.....	30,691	30,326	30,410	1.2	-0.3	1.8	30,918	30,677	30,424	27,147	13.9
Defense communications equipment.....	4,970	5,251	5,228	-5.4	0.4	-0.4	5,145	5,249	5,193	5,664	-9.2
Electronic components.....	13,674	13,605	13,514	0.5	0.7	0.3	13,708	13,762	13,517	13,309	3.0
Nondefense search and navigation equipment.....	14,830	14,732	14,573	0.7	1.1	1.5	14,773	14,751	14,489	10,994	34.4
Defense search and navigation equipment.....	43,388	43,808	44,387	-1.0	-1.3	-1.3	44,055	44,217	44,430	46,902	-6.1
Electromedical, measuring, and control instruments.....	27,761	28,195	28,504	-1.5	-1.1	-0.4	28,269	28,573	28,599	29,928	-5.5
Electrical equipment, appliances, and components.....	20,673	20,786	20,769	-0.5	0.1	-0.9	21,022	21,222	20,755	21,834	-3.7
Electric lighting equipment.....	1,198	1,177	1,164	1.8	1.1	3.7	1,150	1,113	1,128	997	15.3
Household appliances.....	589	551	598	6.9	-7.9	-18.8	634	645	632	743	-14.7
Electrical equipment.....	10,021	10,076	10,065	-0.5	0.1	0.3	10,041	10,155	10,021	9,903	1.4
Transportation equipment.....	585,815	591,187	583,907	-0.9	1.2	-0.7	594,897	601,320	590,504	575,598	3.4
Motor vehicle bodies, parts, and trailers.....	15,811	15,765	15,521	0.3	1.6	-0.4	16,328	16,421	15,843	17,139	-4.7
Nondefense aircraft and parts.....	419,073	420,012	411,320	-0.2	2.1	-0.1	424,691	427,222	416,003	399,681	6.3
Defense aircraft and parts.....	60,521	62,982	64,848	-3.9	-2.9	-2.1	62,219	64,380	66,062	62,211	0.0
Ships and boats.....	16,638	17,294	18,363	-3.8	-5.8	-5.0	17,184	18,039	18,577	20,987	-18.1
Furniture and related products.....	6,177	6,221	6,255	-0.7	-0.5	-0.9	6,248	5,915	5,703	6,490	-3.7

^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.

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.]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Mar. 13/12
	Mar. 2013 ^p	Feb. 2013 ^r	Jan. 2013	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2013 ^p	Feb. 2013 ^r	Jan. 2013	Mar. 2012	
All manufacturing industries.....	620,223	620,059	618,936	0.0	0.2	0.6	619,537	622,030	615,220	606,737	2.1
Excluding transportation.....	502,690	502,333	502,755	0.1	-0.1	0.5	502,745	504,035	499,833	500,312	0.5
Excluding defense.....	593,244	592,797	592,541	0.1	0.0	0.6	592,387	594,670	588,765	581,380	1.9
With unfilled orders.....	306,217	306,832	305,244	-0.2	0.5	0.5	304,663	307,754	303,552	292,856	4.0
Durable goods industries.....	376,242	376,641	375,425	-0.1	0.3	0.4	374,423	378,228	373,772	361,474	3.6
Wood products.....	9,698	9,544	9,429	1.6	1.2	1.5	9,876	9,870	9,608	8,855	11.5
Nonmetallic mineral products.....	11,589	11,579	11,604	0.1	-0.2	0.4	11,858	11,819	11,608	11,859	0.0
Primary metals.....	33,857	34,392	34,607	-1.6	-0.6	-0.4	33,798	34,391	34,291	34,763	-2.8
Iron and steel mills.....	19,432	19,627	19,949	-1.0	-1.6	-1.0	19,361	19,590	19,686	20,690	-6.4
Aluminum and nonferrous metals.....	12,335	12,669	12,553	-2.6	0.9	0.7	12,328	12,660	12,489	11,954	3.1
Ferrous metal foundries.....	2,090	2,096	2,105	-0.3	-0.4	-0.9	2,109	2,141	2,116	2,119	-0.5
Fabricated metal products.....	46,098	45,954	45,988	0.3	-0.1	0.0	45,962	45,897	45,811	45,555	0.9
Machinery.....	65,317	65,344	65,534	0.0	-0.3	-0.8	65,377	66,133	65,272	64,337	1.6
Farm machinery.....	3,789	3,675	3,721	3.1	-1.2	-1.6	4,065	4,007	3,925	3,876	4.9
Construction machinery.....	5,121	4,998	5,059	2.5	-1.2	-5.4	5,180	5,016	4,985	5,843	-11.3
Mining, oil field, and gas field machinery.....	7,967	7,955	7,949	0.2	0.1	-0.8	7,963	7,933	7,831	7,363	8.1
Industrial machinery.....	7,170	7,145	7,116	0.3	0.4	-0.1	7,163	7,166	7,017	7,272	-1.5
Photographic equipment.....	1,613	1,593	1,593	1.3	2.2	3.4	1,538	1,591	1,589	1,343	14.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,445	4,429	4,360	0.4	1.6	3.5	4,515	4,487	4,134	4,007	12.7
Metalworking machinery.....	5,554	5,622	5,685	-1.2	-1.1	0.6	5,502	5,565	5,577	5,362	2.6
Turbines, generators, and other power transmission equipment.....	9,844	10,036	10,229	-1.9	-1.9	-4.4	9,569	10,154	10,062	9,942	-3.8
Material handling equipment.....	4,419	4,425	4,385	-0.1	0.9	1.9	4,297	4,373	4,313	4,028	6.7
Computers and electronic products ²	46,333	46,244	46,330	0.2	-0.2	0.0	45,434	46,231	46,255	45,294	0.3
Computers.....	1,082	1,101	1,112	-1.7	-1.0	8.7	1,022	1,094	1,063	1,260	-18.9
Computer storage devices.....	1,011	1,077	1,088	-6.1	-1.0	-0.2	946	1,112	1,040	1,034	-8.5
Other peripheral equipment.....	1,570	1,582	1,599	-0.8	-1.1	0.5	1,505	1,602	1,568	1,669	-9.8
Nondefense communications equipment.....	7,062	6,984	6,937	1.1	0.7	0.6	6,882	7,082	7,017	6,642	3.6
Defense communications equipment.....	1,408	1,385	1,375	1.7	0.7	3.6	1,408	1,385	1,375	1,803	-21.9
Audio and video equipment.....	743	736	717	1.0	2.6	2.9	644	677	688	511	26.0
Electronic components.....	7,377	7,340	7,453	0.5	-1.5	-1.5	7,303	7,400	7,610	7,227	1.1
Nondefense search and navigation equipment.....	3,372	3,423	3,474	-1.5	-1.5	0.4	3,369	3,439	3,465	3,369	0.0
Defense search and navigation equipment.....	2,844	2,948	2,910	-3.5	1.3	4.8	2,863	2,992	2,882	2,803	2.1
Electromedical, measuring and control instruments.....	12,481	12,412	12,308	0.6	0.8	0.6	12,220	12,518	12,361	11,418	7.0
Electrical equipment, appliances, and components.....	15,837	15,822	15,792	0.1	0.2	2.1	15,847	15,983	15,787	15,335	3.3
Electric lighting equipment.....	1,867	1,857	1,850	0.5	0.4	0.5	1,845	1,854	1,832	1,687	9.4
Household appliances.....	1,677	1,684	1,695	-0.4	-0.6	-0.5	1,674	1,722	1,690	1,695	-1.2
Electrical equipment.....	4,532	4,580	4,572	-1.0	0.2	1.2	4,479	4,656	4,620	4,621	-3.1
Batteries.....	1,009	1,027	1,023	-1.8	0.4	1.2	1,024	1,039	999	1,054	-2.8
Transportation equipment.....	117,533	117,726	116,181	-0.2	1.3	1.2	116,792	117,995	115,387	106,425	9.7
Automobiles.....	2,865	2,849	2,952	0.6	-3.5	-9.6	2,656	2,839	2,968	2,679	-0.9
Light trucks and utility vehicles.....	2,354	2,548	2,734	-7.6	-6.8	2.0	2,233	2,522	2,641	2,398	-6.9
Heavy duty trucks.....	2,171	2,228	2,260	-2.6	-1.4	4.9	2,081	2,262	2,249	1,921	8.3
Motor vehicle bodies, parts, and trailers.....	17,292	17,442	17,443	-0.9	0.0	-0.4	17,223	17,635	17,624	17,492	-1.5
Nondefense aircraft and parts.....	65,537	65,078	63,858	0.7	1.9	2.7	65,299	65,065	62,928	56,487	15.6
Defense aircraft and parts.....	14,274	14,539	13,840	-1.8	5.1	0.2	14,239	14,510	13,734	12,745	11.7
Ships and boats.....	2,913	2,898	2,943	0.5	-1.5	-2.1	2,980	2,936	2,967	2,888	3.2
Furniture and related products.....	6,221	6,278	6,254	-0.9	0.4	-0.2	6,043	6,192	6,201	5,812	4.0
Miscellaneous durable goods.....	23,759	23,758	23,706	0.0	0.2	0.4	23,436	23,717	23,552	23,239	0.8
Nondurable goods industries.....	243,981	243,418	243,511	0.2	0.0	1.0	245,114	243,802	241,448	245,263	-0.1
Food products.....	45,382	45,373	45,765	0.0	-0.9	-0.6	44,379	45,227	45,766	44,197	0.4
Grain and oilseed milling.....	4,820	4,925	5,213	-2.1	-5.5	-2.8	4,802	5,086	5,421	5,249	-8.5
Dairy products.....	6,178	6,073	6,000	1.7	1.2	-0.8	6,175	5,999	5,776	5,924	4.2
Meat, poultry, and seafood products.....	7,887	7,825	7,960	0.8	-1.7	0.2	7,781	7,760	7,884	7,546	3.1
Beverage and tobacco products.....	19,051	19,070	18,985	-0.1	0.4	-0.2	19,354	19,521	19,227	18,467	4.8
Beverages.....	15,284	15,305	15,247	-0.1	0.4	-0.2	15,478	15,530	15,287	14,680	5.4
Tobacco.....	3,767	3,765	3,738	0.1	0.7	0.0	3,876	3,991	3,940	3,787	2.4
Textile mills.....	3,367	3,364	3,346	0.1	0.5	0.2	3,348	3,363	3,333	3,458	-3.2
Textile products.....	3,253	3,241	3,237	0.4	0.1	0.9	3,246	3,241	3,242	3,201	1.4
Apparel.....	2,526	2,520	2,453	0.2	2.7	0.8	2,411	2,488	2,445	2,155	11.9
Leather and allied products.....	895	879	867	1.8	1.4	-1.0	865	870	877	783	10.5
Paper products.....	14,023	14,031	14,069	-0.1	-0.3	0.4	14,103	14,120	14,056	14,327	-1.6
Pulp, paper, and paperboard mills.....	6,001	6,005	5,983	-0.1	0.4	0.1	6,051	6,063	5,974	6,320	-4.3
Paperboard containers.....	4,090	4,083	4,127	0.2	-1.1	0.0	4,131	4,137	4,168	4,110	0.5
Printing.....	5,224	5,229	5,321	-0.1	-1.7	-0.4	5,260	5,255	5,206	5,371	-2.1
Petroleum and coal products.....	52,948	52,865	53,709	0.2	-1.6	1.5	53,967	51,967	51,715	57,293	-5.8
Petroleum refineries.....	48,650	48,642	49,473	0.0	-1.7	1.7	49,803	47,814	47,447	53,300	-6.6
Chemical products.....	75,163	74,869	73,984	0.4	1.2	2.4	75,754	75,668	73,877	74,072	2.3
Pesticides, fertilizers, and other agricultural chemicals.....	4,202	4,070	4,032	3.2	0.9	-1.4	4,641	4,720	4,644	4,374	6.1
Pharmaceuticals and medicines.....	25,693	25,218	24,953	1.9	1.1	3.2	25,710	25,324	24,743	24,037	7.0
Paints, coatings, and adhesives.....	2,896	2,858	2,857	1.3	0.0	-0.8	2,977	2,937	2,862	2,938	1.3
Plastics and rubber products.....	22,149	21,977	21,775	0.8	0.9	0.5	22,427	22,082	21,704	21,939	2.2

^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 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 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}

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		Percent Change ⁶ 2013/ 2012
	Mar. 2013 ^p	Feb. 2013 ^f	Jan. 2013	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2013 ^p	Feb. 2013 ^f	Jan. 2013	Mar. 2012	2013 ^p	2012	
SHIPMENTS													
All manufacturing industries.....	481,766	486,750	484,985	-1.0	0.4	0.4	504,070	455,368	450,502	503,185	1,409,940	1,394,764	1.1
Construction materials and supplies.....	41,357	42,294	42,662	-2.2	-0.9	3.9	41,073	37,250	37,342	41,492	115,665	113,910	1.5
Information technology.....	21,149	21,092	20,830	0.3	1.3	-2.4	23,789	19,131	17,779	24,704	60,699	64,143	-5.4
Computers and related products.....	2,533	2,288	2,315	10.7	-1.2	-15.8	3,127	1,653	1,650	3,490	6,430	8,178	-21.4
Motor vehicle and parts.....	46,510	46,455	44,536	0.1	4.3	0.5	50,042	46,289	41,669	45,946	138,000	126,131	9.4
Capital goods.....	80,978	79,082	78,601	2.4	0.6	-2.7	89,157	73,105	67,872	87,536	230,134	227,608	1.1
Nondefense capital goods ³	72,285	70,665	70,613	2.3	0.1	-1.6	79,413	64,866	61,276	77,978	205,555	203,109	1.2
Excluding aircraft.....	65,606	65,264	64,090	0.5	1.8	-0.7	71,236	60,203	57,040	71,110	188,479	186,557	1.0
Defense capital goods ⁴	8,693	8,417	7,988	3.3	5.4	-11.5	9,744	8,239	6,596	9,558	24,579	24,499	0.3
Consumer goods.....	208,570	213,866	211,464	-2.5	1.1	1.7	215,354	201,873	199,274	212,864	616,501	600,133	2.7
Consumer durable goods.....	38,522	38,755	37,199	-0.6	4.2	2.7	41,692	38,394	34,109	37,589	114,195	101,093	13.0
Consumer nondurable goods.....	170,048	175,111	174,265	-2.9	0.5	1.5	173,662	163,479	165,165	175,275	502,306	499,040	0.7
NEW ORDERS													
All manufacturing industries ⁵	467,288	486,809	477,514	-4.0	1.9	-1.0	492,703	467,252	448,793	502,316	1,408,748	1,411,792	-0.2
Construction materials and supplies.....	41,116	42,356	42,772	-2.9	-1.0	4.4	41,656	38,342	37,687	42,494	117,685	116,403	1.1
Information technology.....	20,329	20,500	20,702	-0.8	-1.0	-3.9	23,293	19,999	18,546	26,388	61,838	69,699	-11.3
Computers and related products.....	2,519	2,390	2,310	5.4	3.5	-14.9	3,113	1,755	1,645	3,534	6,513	8,151	-20.1
Motor vehicle and parts.....	46,556	46,699	44,474	-0.3	5.0	0.9	49,949	46,867	41,678	45,739	138,494	126,152	9.8
Capital goods.....	75,601	86,112	78,089	-12.2	10.3	-11.4	85,039	87,338	70,870	90,089	243,247	257,705	-5.6
Nondefense capital goods ³	70,654	78,572	73,359	-10.1	7.1	2.0	77,457	78,964	65,716	78,093	222,137	229,561	-3.2
Excluding aircraft.....	64,934	64,364	67,593	0.9	-4.8	6.7	71,752	63,049	64,365	72,129	199,166	199,601	-0.2
Defense capital goods ⁴	4,947	7,540	4,730	-34.4	59.4	-70.8	7,582	8,374	5,154	11,996	21,110	28,144	-25.0
Consumer goods.....	208,564	213,811	211,338	-2.5	1.2	1.6	215,393	202,072	199,331	212,840	616,796	600,545	2.7
Consumer durable goods.....	38,516	38,700	37,073	-0.5	4.4	2.3	41,731	38,593	34,166	37,565	114,490	101,505	12.8
Consumer nondurable goods.....	170,048	175,111	174,265	-2.9	0.5	1.5	173,662	163,479	165,165	175,275	502,306	499,040	0.7
UNFILLED ORDERS													
All manufacturing industries ⁵	990,072	997,182	990,391	-0.7	0.7	0.0	1,006,833	1,012,196	994,943	1,000,818	(X)	(X)	0.6
Construction materials and supplies.....	55,616	55,857	55,795	-0.4	0.1	0.2	55,992	55,409	54,317	56,290	(X)	(X)	-0.5
Information technology.....	134,919	135,739	136,331	-0.6	-0.4	-0.1	136,724	137,220	136,352	134,600	(X)	(X)	1.6
Computers and related products.....	1,424	1,438	1,336	-1.0	7.6	-0.4	1,424	1,438	1,336	1,129	(X)	(X)	26.1
Motor vehicle and parts.....	15,811	15,765	15,521	0.3	1.6	-0.4	16,328	16,421	15,843	17,139	(X)	(X)	-4.7
Capital goods.....	756,482	761,859	754,829	-0.7	0.9	-0.1	769,017	773,135	758,902	759,543	(X)	(X)	1.2
Nondefense capital goods ³	593,174	594,805	586,898	-0.3	1.3	0.5	602,242	604,198	590,100	590,567	(X)	(X)	2.0
Excluding aircraft.....	233,873	234,545	235,445	-0.3	-0.4	1.5	237,960	237,444	234,598	246,451	(X)	(X)	-3.4
Defense capital goods ⁴	163,308	167,054	167,931	-2.2	-0.5	-1.9	166,775	168,937	168,802	168,976	(X)	(X)	-1.3
Consumer goods.....	3,875	3,881	3,936	-0.2	-1.4	-3.1	4,123	4,084	3,885	4,159	(X)	(X)	-0.9
Consumer durable goods.....	3,875	3,881	3,936	-0.2	-1.4	-3.1	4,123	4,084	3,885	4,159	(X)	(X)	-0.9
TOTAL INVENTORIES													
All manufacturing industries.....	620,223	620,059	618,936	0.0	0.2	0.6	619,537	622,030	615,220	606,737	(X)	(X)	2.1
Construction materials and supplies.....	60,391	60,039	59,905	0.6	0.2	0.3	60,693	60,530	59,743	58,737	(X)	(X)	3.3
Information technology.....	40,261	40,251	40,053	0.0	0.5	1.9	39,530	40,531	40,007	38,441	(X)	(X)	2.8
Computers and related products.....	3,663	3,760	3,799	-2.6	-1.0	2.6	3,473	3,808	3,671	3,963	(X)	(X)	-12.4
Motor vehicle and parts.....	24,682	25,067	25,389	-1.5	-1.3	-0.9	24,193	25,258	25,482	24,490	(X)	(X)	-1.2
Capital goods.....	197,581	197,641	196,091	0.0	0.8	1.1	196,501	198,458	194,620	184,773	(X)	(X)	6.3
Nondefense capital goods ³	175,637	175,306	174,472	0.2	0.5	1.1	174,351	175,996	172,835	164,194	(X)	(X)	6.2
Excluding aircraft.....	120,405	120,512	120,862	-0.1	-0.3	0.2	119,217	121,316	120,213	116,947	(X)	(X)	1.9
Defense capital goods ⁴	21,944	22,335	21,619	-1.8	3.3	0.8	22,150	22,462	21,785	20,579	(X)	(X)	7.6
Consumer goods.....	182,423	181,991	182,988	0.2	-0.5	0.6	182,088	181,741	181,267	182,719	(X)	(X)	-0.3
Consumer durable goods.....	25,146	25,227	25,396	-0.3	-0.7	-1.5	24,516	25,407	25,678	24,448	(X)	(X)	0.3
Consumer nondurable goods.....	157,277	156,764	157,592	0.3	-0.5	0.9	157,572	156,334	155,589	158,271	(X)	(X)	-0.4

X Not Applicable ^p Preliminary ^f 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 change.

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 machine 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 navigational equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Mar. 13/12
	Mar. 2013 ^p	Feb. 2013 ^f	Jan. 2013	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2013 ^p	Feb. 2013 ^f	Jan. 2013	Mar. 2012	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	202,244	202,148	203,050	0.0	-0.4	0.5	202,183	202,477	202,988	201,520	0.3
Durable goods industries.....	121,097	121,558	121,244	-0.4	0.3	0.3	120,196	121,761	121,455	118,468	1.5
Wood products.....	3,896	3,783	3,745	3.0	1.0	4.1	3,868	3,935	3,923	3,383	14.3
Nonmetallic mineral products.....	4,668	4,693	4,643	-0.5	1.1	0.8	4,692	4,709	4,653	4,833	-2.9
Primary metals.....	12,708	13,028	13,273	-2.5	-1.8	0.0	12,536	12,978	13,328	13,229	-5.2
Fabricated metal products.....	16,404	16,511	16,570	-0.6	-0.4	0.6	16,182	16,364	16,590	16,661	-2.9
Machinery.....	25,247	25,347	25,236	-0.4	0.4	-1.0	25,029	25,302	25,085	24,771	1.0
Computers and electronic products.....	17,811	17,877	18,139	-0.4	-1.4	0.7	17,545	17,758	18,246	17,129	2.4
Electrical equipment, appliances, and components.....	6,976	7,010	6,941	-0.5	1.0	1.6	7,022	7,088	6,932	6,807	3.2
Transportation equipment.....	22,847	22,751	22,152	0.4	2.7	0.5	22,869	23,070	22,134	20,965	9.1
Furniture and related products.....	2,891	2,916	2,968	-0.9	-1.8	1.6	2,853	2,903	2,960	2,826	1.0
Miscellaneous products.....	7,649	7,642	7,577	0.1	0.9	-0.6	7,600	7,654	7,604	7,864	-3.4
Nondurable goods industries.....	81,147	80,590	81,806	0.7	-1.5	0.7	81,987	80,716	81,533	83,052	-1.3
Food products.....	14,101	14,253	14,736	-1.1	-3.3	-2.7	13,864	14,277	14,987	14,554	-4.7
Beverage and tobacco products.....	4,888	4,958	4,892	-1.4	1.3	-0.4	4,991	5,152	5,044	4,946	0.9
Textiles.....	1,218	1,223	1,217	-0.4	0.5	1.7	1,216	1,222	1,211	1,223	-0.6
Textile products.....	1,543	1,531	1,544	0.8	-0.8	1.4	1,534	1,515	1,534	1,501	2.2
Apparel.....	856	833	823	2.8	1.2	0.9	837	826	821	697	20.1
Leather and allied products.....	291	283	274	2.8	3.3	0.0	280	276	273	252	11.1
Paper products.....	6,831	6,863	6,914	-0.5	-0.7	0.3	6,872	6,900	6,994	7,115	-3.4
Printing.....	2,410	2,446	2,485	-1.5	-1.6	1.2	2,440	2,468	2,464	2,594	-5.9
Petroleum and coal products.....	17,451	16,458	17,142	6.0	-4.0	2.5	18,160	16,091	16,313	18,227	-0.4
Chemical products.....	22,735	22,964	23,182	-1.0	-0.9	2.2	22,931	23,219	23,262	23,271	-1.5
Plastics and rubber products.....	8,823	8,778	8,597	0.5	2.1	-0.4	8,862	8,770	8,630	8,672	2.2
WORK IN PROCESS											
All manufacturing industries.....	195,980	195,043	192,630	0.5	1.3	1.0	195,879	195,862	191,392	187,407	4.5
Durable goods industries.....	149,178	148,447	147,056	0.5	0.9	0.7	148,336	148,724	145,884	139,470	6.4
Wood products.....	1,652	1,630	1,538	1.3	6.0	-4.8	1,674	1,643	1,518	1,491	12.3
Nonmetallic mineral products.....	1,344	1,367	1,351	-1.7	1.2	-0.9	1,386	1,405	1,324	1,355	2.3
Primary metals.....	10,755	10,908	10,979	-1.4	-0.6	-0.6	10,704	10,890	10,748	11,180	-4.3
Fabricated metal products.....	13,860	13,727	13,668	1.0	0.4	-0.7	13,722	13,695	13,598	13,188	4.0
Machinery.....	16,493	16,550	16,574	-0.3	-0.1	-1.6	16,367	16,736	16,420	16,308	0.4
Computers and electronic products.....	15,256	15,218	15,242	0.2	-0.2	-0.4	15,109	15,204	15,189	16,455	-8.2
Electrical equipment, appliances, and components.....	3,734	3,692	3,668	1.1	0.7	2.1	3,709	3,704	3,690	3,527	5.2
Transportation equipment.....	81,748	81,000	79,631	0.9	1.7	1.9	81,384	81,096	79,063	71,727	13.5
Furniture and related products.....	1,041	1,030	1,012	1.1	1.8	-0.7	1,027	1,025	1,009	1,012	1.5
Miscellaneous products.....	3,295	3,325	3,393	-0.9	-2.0	0.1	3,254	3,326	3,325	3,227	0.8
Nondurable goods industries.....	46,802	46,596	45,574	0.4	2.2	2.0	47,543	47,138	45,508	47,937	-0.8
Food products.....	4,365	4,316	4,222	1.1	2.2	4.1	4,229	4,451	4,495	3,742	13.0
Beverage and tobacco products.....	6,308	6,298	6,329	0.2	-0.5	0.5	6,450	6,592	6,665	5,995	7.6
Textiles.....	770	765	758	0.7	0.9	-2.3	759	756	754	773	-1.8
Textile products.....	411	416	417	-1.2	-0.2	1.5	414	423	422	435	-4.8
Apparel.....	354	360	363	-1.7	-0.8	-5.5	336	347	348	359	-6.4
Leather and allied products.....	110	113	114	-2.7	-0.9	11.8	109	117	113	120	-9.2
Paper products.....	1,323	1,310	1,300	1.0	0.8	0.0	1,318	1,317	1,311	1,301	1.3
Printing.....	1,170	1,144	1,191	2.3	-3.9	-2.8	1,176	1,169	1,149	1,210	-2.8
Petroleum and coal products.....	13,095	13,408	12,762	-2.3	5.1	-2.2	13,792	13,459	12,036	16,112	-14.4
Chemical products.....	16,586	16,226	15,877	2.2	2.2	6.9	16,615	16,241	15,956	15,625	6.3
Plastics and rubber products.....	2,310	2,240	2,241	3.1	0.0	0.2	2,345	2,266	2,259	2,265	3.5
FINISHED GOODS											
All manufacturing industries.....	221,999	222,868	223,256	-0.4	-0.2	0.4	221,475	223,691	220,840	217,810	1.7
Durable goods industries.....	105,967	106,636	107,125	-0.6	-0.5	0.0	105,891	107,743	106,433	103,536	2.3
Wood products.....	4,150	4,131	4,146	0.5	-0.4	1.7	4,334	4,292	4,167	3,981	8.9
Nonmetallic mineral products.....	5,577	5,519	5,610	1.1	-1.6	0.3	5,780	5,705	5,631	5,671	1.9
Primary metals.....	10,394	10,456	10,355	-0.6	1.0	-0.7	10,558	10,523	10,215	10,354	2.0
Fabricated metal products.....	15,834	15,716	15,750	0.8	-0.2	0.0	16,058	15,838	15,623	15,706	2.2
Machinery.....	23,577	23,447	23,724	0.6	-1.2	-0.1	23,981	24,095	23,767	23,258	3.1
Computers and electronic products.....	13,266	13,149	12,949	0.9	1.5	-0.3	12,780	13,269	12,820	11,710	9.1
Electrical equipment, appliances, and components.....	5,127	5,120	5,183	0.1	-1.2	2.7	5,116	5,191	5,165	5,001	2.3
Transportation equipment.....	12,938	13,975	14,398	-7.4	-2.9	-1.4	12,539	13,829	14,190	13,733	-8.7
Furniture and related products.....	2,289	2,332	2,274	-1.8	2.6	-2.3	2,163	2,264	2,232	1,974	9.6
Miscellaneous products.....	12,815	12,791	12,736	0.2	0.4	1.1	12,582	12,737	12,623	12,148	3.6
Nondurable goods industries.....	116,032	116,232	116,131	-0.2	0.1	0.9	115,584	115,948	114,407	114,274	1.1
Food products.....	26,916	26,804	26,807	0.4	0.0	0.0	26,286	26,499	26,284	25,901	1.5
Beverage and tobacco products.....	7,855	7,814	7,764	0.5	0.6	-0.6	7,913	7,777	7,518	7,526	5.1
Textiles.....	1,379	1,376	1,371	0.2	0.4	0.4	1,373	1,385	1,368	1,462	-6.1
Textile products.....	1,299	1,294	1,276	0.4	1.4	0.2	1,298	1,303	1,286	1,265	2.6
Apparel.....	1,316	1,327	1,267	-0.8	4.7	2.8	1,238	1,315	1,276	1,099	12.6
Leather and allied products.....	494	483	479	2.3	0.8	-4.2	476	477	491	411	15.8
Paper products.....	5,869	5,858	5,855	0.2	0.1	0.5	5,913	5,903	5,751	5,911	0.0
Printing.....	1,644	1,639	1,645	0.3	-0.4	-1.1	1,644	1,618	1,593	1,567	4.9
Petroleum and coal products.....	22,402	22,999	23,805	-2.6	-3.4	2.9	22,015	22,417	23,366	22,954	-4.1
Chemical products.....	35,842	35,679	34,925	0.5	2.2	0.7	36,208	36,208	34,659	35,176	2.9
Plastics and rubber products.....	11,016	10,959	10,937	0.5	0.2	1.3	11,220	11,046	10,815	11,002	2.0

^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 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 Group³

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Mar 2013 ^P	Feb 2013 ¹	Jan 2013	Dec 2012	Mar 2013 ^P	Feb 2013 ¹	Jan 2013	Dec 2012
All manufacturing industries ²	1.29	1.27	1.28	1.27	(X)	(X)	(X)	(X)
Durable goods industries ²	1.63	1.64	1.65	1.63	6.20	6.28	6.25	6.15
Wood products.....	1.41	1.38	1.39	1.45	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.43	1.40	1.41	1.42	(X)	(X)	(X)	(X)
Primary metals.....	1.21	1.20	1.19	1.16	1.08	1.06	1.04	1.02
Fabricated metal products.....	1.67	1.64	1.65	1.69	3.28	3.22	3.22	3.23
Machinery.....	1.89	1.90	1.96	1.99	3.84	3.93	4.07	3.96
Computers and electronic products ²	1.66	1.70	1.70	1.65	7.49	7.54	7.65	7.49
Electrical equipment, appliances, and components.....	1.59	1.56	1.56	1.54	2.32	2.30	2.29	2.33
Transportation equipment.....	1.73	1.78	1.79	1.73	14.53	15.28	14.97	14.40
Furniture and related products.....	1.14	1.15	1.15	1.15	1.32	1.31	1.33	1.34
Miscellaneous products.....	1.69	1.68	1.69	1.69	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.97	0.95	0.95	0.95	(X)	(X)	(X)	(X)
Food products.....	0.73	0.73	0.73	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.51	1.55	1.56	1.56	(X)	(X)	(X)	(X)
Textiles.....	1.34	1.32	1.34	1.34	(X)	(X)	(X)	(X)
Textile products.....	1.58	1.57	1.61	1.63	(X)	(X)	(X)	(X)
Apparel.....	2.02	1.97	1.93	1.94	(X)	(X)	(X)	(X)
Leather and allied products.....	1.95	1.89	1.74	1.86	(X)	(X)	(X)	(X)
Paper products.....	1.03	1.02	1.03	1.02	(X)	(X)	(X)	(X)
Printing.....	0.79	0.79	0.78	0.82	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.75	0.70	0.71	0.72	(X)	(X)	(X)	(X)
Chemical products.....	1.21	1.20	1.18	1.15	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.27	1.24	1.21	1.24	(X)	(X)	(X)	(X)

X Not Applicable ^P Preliminary ¹ Revised data due to late receipts and concurrent seasonal adjustment.

¹ 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.

² Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes³

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

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Mar ¹	Mar ²	Mar ¹	Mar ²	Mar ¹	Mar ²	Mar ¹	Mar ²
	2013	2012-2013	2013	2012-2013	2013	2012-2013	2013	2012-2013
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.1	(X)	0.1
Durable goods industries.....	0.1	0.3	-0.1	0.6	-0.1	0.1	-0.2	0.1
Wood products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.3
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	-0.1	0.6	-0.2	1.4	-0.2	0.8	-0.5	0.5
Fabricated metal products.....	-0.4	0.3	-0.9	0.8	-0.3	0.3	0.0	0.2
Machinery.....	0.0	0.7	0.6	1.3	-0.2	0.3	-0.2	0.2
Computers and electronic products.....	-0.1	0.8	-0.5	1.1	0.1	0.1	-0.6	0.2
Electrical equipment, appliances, and components.....	0.0	0.4	-0.5	0.8	-0.2	0.3	-0.2	0.4
Transportation equipment.....	0.2	0.4	-0.1	1.6	0.0	0.2	-0.1	0.2
Furniture and related products.....	(X)	0.4	(X)	0.5	(X)	0.4	(X)	0.4
Miscellaneous products.....	(X)	0.5	(X)	0.5	(X)	0.7	(X)	0.2
Nondurable goods industries.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.1
Food products.....	(X)	0.1	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Textiles.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Textile products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.9
Leather and allied products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.5
Paper products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.7
Petroleum and coal products.....	(X)	1.4	(X)	(NA)	(X)	(NA)	(X)	0.6
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.2

X Not Applicable NA Not Available

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

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 for price changes.

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>.

Benchmark Notice

Revised historical data for Manufacturers' Shipments, Inventories, and Orders will be issued on May 17, 2013. These revisions reflect:

- benchmarking the shipments and inventories data to the 2011 Annual Survey of Manufactures (ASM) data, as well as revised ASM benchmarks for prior years;
- incorporating the unfilled orders to shipments ratios obtained from the 2010/2011 Manufacturers' Unfilled Orders Survey by applying these ratios to the respective 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;
- migrating the data processing environment from a server having a Linux Red Hat 4 operating system that supports SAS[®] 9.1.3 to a server having a Linux Red Hat 5 operating system that supports SAS[®] 9.2; and
- updating the seasonally adjusted data, based on the results of benchmarking and the recent annual review of the seasonal adjustment models.

An accompanying press release will include the revised 2013 January through March data. Please call Jessica Young on (301) 763-4832 with any questions.