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## Full Report on Manufacturers' Shipments, Inventories and Orders February 2013

### Summary

New orders for manufactured goods in February, up two of the last three months, increased \$14.5 billion or 3.0 percent to \$492.0 billion, the U.S. Census Bureau reported today. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a 1.0 percent January decrease. Excluding transportation, new orders increased 0.3 percent.

Shipments, up five of the last six months, increased \$4.3 billion or 0.9 percent to \$489.3 billion. This was at the highest level since the series was first published on a NAICS basis and followed a 0.4 percent January increase.

Unfilled orders, up five of the last six months, increased \$9.3 billion or 0.9 percent to \$999.7 billion. This followed a slight January decrease. The unfilled orders-to-shipments ratio was 6.28, up from 6.25 in January.

Inventories, up three consecutive months, increased \$1.1 billion or 0.2 percent to \$620.0 billion. This was at the highest level since the series was first published on a NAICS basis and followed a 0.6 percent January increase. The inventories-to-shipments ratio was 1.27, down from 1.28 in January.

### New Orders

New orders for manufactured durable goods in February, up five of the last six months, increased \$12.3 billion or 5.6 percent to \$232.2 billion, revised from the previously published 5.7 percent increase. This followed a 3.7 percent January decrease.

Transportation equipment, up two of the last three months, drove the increase, up \$13.3 billion or 21.8 percent to \$74.5 billion.

New orders for manufactured nondurable goods increased \$2.2 billion or 0.8 percent to \$259.8 billion.

### Shipments

Shipments of manufactured durable goods in February, up five of the last six months, increased \$2.2 billion or 1.0 percent to \$229.5 billion, unchanged from the previously published increase. This followed a 0.7 percent January decrease.

Transportation equipment, up three of the last four

months, had the largest increase, up \$1.0 billion or 1.6 percent to \$66.1 billion.

Shipments of manufactured nondurable goods, up two consecutive months, increased \$2.2 billion or 0.8 percent to \$259.8 billion. This was at the highest level since the series was first published on a NAICS basis and followed a 1.4 percent January increase. Petroleum and coal products, also up two consecutive months, led the increase, up \$1.8 billion or 2.4 percent to \$77.5 billion.

### Unfilled Orders

Unfilled orders for manufactured durable goods in February, up five of the last six months, increased \$9.3 billion or 0.9 percent to \$999.7 billion, unchanged from the previously published increase. This followed a slight January decrease.

Transportation equipment, also up five of the last six months, led the increase, up \$8.4 billion or 1.4 percent to \$592.3 billion.

### Inventories

Inventories of manufactured durable goods in February, up sixteen of the last seventeen months, increased \$1.8 billion or 0.5 percent to \$377.2 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 0.4 percent January increase.

Transportation equipment, up thirty-one consecutive months, drove the increase, up \$1.9 billion or 1.6 percent to \$118.0 billion.

Inventories of manufactured nondurable goods, down following two consecutive monthly increases, decreased \$0.7 billion or 0.3 percent to \$242.8 billion. This followed a 1.0 percent January increase. Petroleum and coal products, down four of the last five months, drove the decrease, down \$1.5 billion or 2.7 percent to \$52.3 billion.

By stage of fabrication, February materials and supplies increased 0.2 percent in durable goods and decreased 1.7 percent in nondurable goods. Work in process increased 1.2 percent in durable goods and 1.9 percent in nondurable goods. Finished goods decreased 0.3 percent in durable goods and 0.1 percent in nondurable goods.

Figures in text are adjusted for seasonality, but not for inflation. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to <http://www.census.gov/m3>. The advance report on durable goods for March is scheduled for release on April 24, 2013, at 8:30 a.m. EDT and the full report on May 3, 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 2. Value of Manufacturers' New Orders for Industry Groups<sup>1</sup>

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Feb. 2013 <sup>P</sup>	Jan. 2013 <sup>f</sup>	Dec. 2012	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2013 <sup>P</sup>	Jan. 2013 <sup>f</sup>	Dec. 2012	Feb. 2012	2013 <sup>P</sup>	2012	Percent 2013/2012
All manufacturing industries <sup>2</sup> .....	491,984	477,514	482,418	3.0	-1.0	1.3	467,194	448,793	481,389	466,795	915,987	909,476	0.7
Excluding transportation <sup>2</sup> .....	417,454	416,333	408,041	0.3	2.0	-0.1	392,430	394,724	391,858	397,409	787,154	779,755	0.9
Excluding defense <sup>2</sup> .....	481,911	470,469	464,155	2.4	1.4	-0.2	457,157	441,265	457,352	455,436	898,422	888,627	1.1
With unfilled orders <sup>2</sup> .....	168,401	157,888	168,046	6.7	-6.0	4.4	166,321	149,361	182,090	167,984	315,682	322,437	-2.1
Durable goods industries <sup>2</sup> .....	232,189	219,880	228,445	5.6	-3.7	3.6	226,868	205,524	239,015	224,263	432,392	429,581	0.7
Primary metals.....	29,300	28,724	29,118	2.0	-1.4	1.6	29,207	29,504	25,675	29,205	58,711	58,406	0.5
Iron and steel mills.....	10,520	9,993	9,965	5.3	0.3	-5.6	10,917	10,951	9,460	11,957	21,868	24,491	-10.7
Aluminum and nonferrous metals.....	16,969	16,951	17,407	0.1	-2.6	6.1	16,500	16,778	14,673	15,260	33,278	30,057	10.7
Ferrous metal foundries.....	1,811	1,780	1,746	1.7	1.9	3.6	1,790	1,775	1,542	1,988	3,565	3,858	-7.6
Fabricated metal products.....	28,433	29,599	29,011	-3.9	2.0	4.1	28,223	29,052	26,045	28,182	57,275	54,603	4.9
Machinery.....	34,715	35,604	30,742	-2.5	15.8	-3.0	33,651	34,149	30,607	33,796	67,800	64,667	4.8
Construction machinery.....	6,015	6,885	4,412	-12.6	56.1	-0.6	5,819	7,114	4,803	4,722	12,933	9,930	30.2
Mining, oil field, and gas field machinery.....	2,799	2,309	2,480	21.2	-6.9	12.6	2,912	2,363	2,412	2,826	5,275	5,020	5.1
Industrial machinery.....	3,402	3,459	3,323	-1.6	4.1	-2.5	2,837	2,994	3,979	2,786	5,831	5,307	9.9
Photographic equipment.....	612	601	608	1.8	-1.2	-24.0	579	626	456	705	1,205	1,384	-12.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,244	3,260	3,014	-0.5	8.2	-5.5	2,934	2,582	2,680	3,120	5,516	5,354	3.0
Metalworking machinery.....	2,524	2,563	2,543	-1.5	0.8	3.6	2,337	2,573	2,703	2,441	4,910	4,759	3.2
Turbines, generators, and other power transmission equipment.....	3,292	4,190	2,893	-21.4	44.8	-12.2	3,160	4,076	3,151	4,169	7,236	8,101	-10.7
Material handling equipment.....	2,947	3,020	2,840	-2.4	6.3	-3.0	2,904	2,838	2,891	2,874	5,742	5,412	6.1
Computers and electronic products <sup>2</sup> .....	20,246	20,346	21,412	-0.5	-5.0	2.7	19,190	17,914	26,674	22,453	37,104	41,799	-11.2
Computers.....	950	871	1,162	9.1	-25.0	5.4	744	709	1,407	1,093	1,453	2,297	-36.7
Nondefense communications equipment.....	2,769	3,474	3,441	-20.3	1.0	5.8	2,806	3,011	4,393	3,455	5,817	5,823	-0.1
Defense communications equipment.....	384	305	524	25.9	-41.8	29.7	377	272	695	298	649	579	12.1
Electronic components.....	3,597	3,604	3,575	-0.2	0.8	0.6	3,503	3,430	3,820	3,666	6,933	6,952	-0.3
Nondefense search and navigation equipment.....	1,488	1,510	1,575	-1.5	-4.1	4.8	1,503	1,453	1,345	1,637	2,956	3,007	-1.7
Defense search and navigation equipment.....	2,501	2,327	2,530	7.5	-8.0	-3.1	2,698	1,931	3,975	3,622	4,629	6,182	-25.1
Electromedical, measuring, and control instruments.....	6,336	6,025	6,300	5.2	-4.4	1.0	5,884	5,479	7,513	6,795	11,363	13,351	-14.9
Electrical equipment, appliances, and components.....	10,241	9,910	9,891	3.3	0.2	-3.3	9,852	9,516	9,179	9,726	19,368	19,347	0.1
Electric lighting equipment.....	915	958	913	-4.5	4.9	-1.0	849	916	877	836	1,765	1,682	4.9
Household appliances.....	1,595	1,515	1,625	5.3	-6.8	1.8	1,490	1,359	1,433	1,451	2,849	2,784	2.3
Electrical equipment.....	3,056	3,029	3,228	0.9	-6.2	2.9	2,924	2,890	2,964	3,000	5,814	6,129	-5.1
Transportation equipment.....	74,530	61,181	74,377	21.8	-17.7	9.9	74,764	54,069	89,531	69,386	128,833	129,721	-0.7
Motor vehicle bodies, parts, and trailers.....	18,664	18,412	18,656	1.4	-1.3	-1.5	19,196	17,596	16,343	19,068	36,792	36,400	1.1
Nondefense aircraft and parts.....	18,383	9,423	12,361	95.1	-23.8	-3.2	19,104	5,077	27,445	16,602	24,181	29,994	-19.4
Defense aircraft and parts.....	3,019	2,804	8,020	7.7	-65.0	58.5	2,409	3,411	10,438	4,660	5,820	8,968	-35.1
Ships and boats.....	1,315	1,202	5,022	9.4	-76.1	212.1	1,713	1,804	5,065	2,286	3,517	4,544	-22.6
Furniture and related products.....	5,470	5,393	5,390	1.4	0.1	0.5	5,548	5,080	4,680	5,667	10,628	10,622	0.1
Nondurable goods industries.....	259,795	257,634	253,973	0.8	1.4	-0.6	240,326	243,269	242,374	242,532	483,595	479,895	0.8

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

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

<sup>2</sup> Data on 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 Groups<sup>1</sup>**

[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				Percent Change Feb. 13/12
	Monthly			Percent Change			Monthly				
	Feb. 2013 <sup>p</sup>	Jan. 2013 <sup>r</sup>	Dec. 2012	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2013 <sup>p</sup>	Jan. 2013 <sup>r</sup>	Dec. 2012	Feb. 2012	
All manufacturing industries <sup>2</sup> .....	999,690	990,391	990,856	0.9	0.0	0.7	1,012,402	994,943	988,968	997,401	1.5
Excluding transportation <sup>2</sup> .....	407,363	406,484	403,056	0.2	0.9	-0.3	411,356	404,439	395,210	421,957	-2.5
Excluding defense <sup>2</sup> .....	806,637	796,821	794,024	1.2	0.4	0.0	817,531	800,028	793,175	806,077	1.4
Durable goods industries <sup>2</sup> .....	999,690	990,391	990,856	0.9	0.0	0.7	1,012,402	994,943	988,968	997,401	1.5
Primary metals.....	30,541	30,120	30,424	1.4	-1.0	-2.6	32,042	30,728	29,935	37,331	-14.2
Iron and steel mills.....	16,739	16,417	16,814	2.0	-2.4	-2.8	17,934	16,882	16,353	21,452	-16.4
Aluminum and nonferrous metals.....	10,499	10,403	10,321	0.9	0.8	-2.9	10,716	10,502	10,333	12,230	-12.4
Ferrous metal foundries.....	3,303	3,300	3,289	0.1	0.3	-0.7	3,392	3,344	3,249	3,649	-7.0
Fabricated metal products.....	86,933	86,666	84,964	0.3	2.0	2.1	87,270	85,008	82,164	80,024	9.1
Machinery.....	124,209	123,740	121,551	0.4	1.8	-2.0	125,287	123,275	118,774	142,280	-11.9
Construction machinery.....	20,046	19,918	18,707	0.6	6.5	-7.1	20,960	20,186	18,069	29,340	-28.6
Mining, oil field, and gas field machinery.....	20,291	19,502	19,209	4.0	1.5	2.5	20,353	19,336	18,839	21,403	-4.9
Industrial machinery.....	6,959	7,192	7,343	-3.2	-2.1	-3.1	6,970	7,216	7,077	8,762	-20.5
Photographic equipment.....	2,938	2,951	2,987	-0.4	-1.2	-1.1	2,926	2,907	2,814	2,685	9.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	8,714	8,710	8,656	0.0	0.6	-1.5	8,355	8,048	8,014	8,938	-6.5
Metalworking machinery.....	6,763	6,923	7,004	-2.3	-1.2	-0.7	6,967	6,975	6,832	7,877	-11.6
Turbines, generators, and other power transmission equipment.....	25,904	26,114	25,061	-0.8	4.2	-1.9	26,078	26,337	25,246	28,909	-9.8
Material handling equipment.....	8,210	8,185	8,076	0.3	1.3	-0.8	8,248	8,118	7,916	8,065	2.3
Computers and electronic products <sup>2</sup> .....	137,714	137,952	137,872	-0.2	0.1	0.5	138,687	137,988	137,242	133,531	3.9
Computers.....	1,438	1,336	1,341	7.6	-0.4	-2.5	1,438	1,336	1,341	1,085	32.5
Nondefense communications equipment.....	30,290	30,410	29,865	-0.4	1.8	2.2	30,677	30,424	29,731	26,610	15.3
Defense communications equipment.....	5,284	5,228	5,251	1.1	-0.4	3.8	5,249	5,193	5,221	5,437	-3.5
Electronic components.....	13,582	13,514	13,469	0.5	0.3	0.8	13,760	13,517	13,325	13,389	2.8
Nondefense search and navigation equipment.....	14,744	14,573	14,354	1.2	1.5	1.7	14,751	14,489	14,158	10,719	37.6
Defense search and navigation equipment.....	43,984	44,387	44,964	-0.9	-1.3	-0.9	44,318	44,430	44,991	46,498	-4.7
Electromedical, measuring, and control instruments.....	28,392	28,504	28,628	-0.4	-0.4	0.0	28,494	28,599	28,475	29,793	-4.4
Electrical equipment, appliances, and components.....	20,791	20,769	20,967	0.1	-0.9	-0.6	21,210	20,755	20,352	21,868	-3.0
Electric lighting equipment.....	1,168	1,164	1,123	0.3	3.7	1.7	1,110	1,128	1,078	987	12.5
Household appliances.....	536	598	736	-10.4	-18.8	8.6	632	632	653	778	-18.8
Electrical equipment.....	10,088	10,065	10,039	0.2	0.3	1.5	10,156	10,021	9,767	10,014	1.4
Transportation equipment.....	592,327	583,907	587,800	1.4	-0.7	1.4	601,046	590,504	593,758	575,444	4.4
Motor vehicle bodies, parts, and trailers.....	15,507	15,521	15,583	-0.1	-0.4	-1.4	16,136	15,843	15,834	17,346	-7.0
Nondefense aircraft and parts.....	420,758	411,320	411,865	2.3	-0.1	0.4	427,213	416,003	418,218	400,090	6.8
Defense aircraft and parts.....	63,359	64,848	66,266	-2.3	-2.1	4.9	64,338	66,062	65,902	60,510	6.3
Ships and boats.....	17,517	18,363	19,333	-4.6	-5.0	16.7	18,146	18,577	18,592	22,211	-18.3
Furniture and related products.....	6,231	6,255	6,311	-0.4	-0.9	-1.2	5,916	5,703	5,776	6,058	-2.3

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

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

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

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

Table 4. Value of Manufacturers' Inventories for Industry Groups<sup>1</sup>

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Feb. 13/12
	Feb. 2013 <sup>p</sup>	Jan. 2013 <sup>f</sup>	Dec. 2012	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2013 <sup>p</sup>	Jan. 2013 <sup>f</sup>	Dec. 2012	Feb. 2012	
All manufacturing industries.....	620,009	618,936	615,153	0.2	0.6	0.0	622,106	615,220	598,586	607,374	2.4
Excluding transportation.....	501,965	502,755	500,368	-0.2	0.5	0.0	503,951	499,833	487,504	501,218	0.5
Excluding defense.....	592,900	592,541	588,896	0.1	0.6	0.0	594,856	588,765	572,518	581,563	2.3
With unfilled orders.....	307,408	305,244	303,675	0.7	0.5	0.0	308,184	303,552	294,643	294,027	4.8
Durable goods industries.....	377,194	375,425	374,087	0.5	0.4	-0.1	378,690	373,772	363,534	362,899	4.4
Wood products.....	9,534	9,429	9,290	1.1	1.5	1.5	9,903	9,608	9,234	9,079	9.1
Nonmetallic mineral products.....	11,551	11,604	11,561	-0.5	0.4	-0.4	11,803	11,608	11,320	11,711	0.8
Primary metals.....	34,479	34,607	34,738	-0.4	-0.4	0.5	34,409	34,291	34,115	35,049	-1.8
Iron and steel mills.....	19,670	19,949	20,149	-1.4	-1.0	0.1	19,594	19,686	19,671	20,967	-6.5
Aluminum and nonferrous metals.....	12,682	12,553	12,464	1.0	0.7	1.1	12,647	12,489	12,357	11,961	5.7
Ferrous metal foundries.....	2,127	2,105	2,125	1.0	-0.9	0.6	2,168	2,116	2,087	2,121	2.2
Fabricated metal products.....	46,156	45,988	45,988	0.4	0.0	-0.1	46,183	45,811	45,076	45,646	1.2
Machinery.....	65,314	65,534	66,063	-0.3	-0.8	-0.7	66,087	65,272	63,496	65,022	1.6
Farm machinery.....	3,637	3,721	3,782	-2.3	-1.6	-0.7	3,998	3,925	3,811	4,038	-1.0
Construction machinery.....	4,970	5,059	5,349	-1.8	-5.4	-6.2	5,013	4,985	5,221	5,610	-10.6
Mining, oil field, and gas field machinery.....	7,949	7,949	8,015	0.0	-0.8	0.8	7,933	7,831	7,649	7,303	8.6
Industrial machinery.....	7,169	7,116	7,120	0.7	-0.1	-0.7	7,203	7,017	6,948	7,285	-1.1
Photographic equipment.....	1,591	1,559	1,508	2.1	3.4	3.6	1,594	1,589	1,419	1,393	14.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,425	4,360	4,212	1.5	3.5	1.7	4,458	4,134	3,820	4,018	11.0
Metalworking machinery.....	5,675	5,685	5,652	-0.2	0.6	1.3	5,567	5,577	5,452	5,158	7.9
Turbines, generators, and other power transmission equipment.....	10,021	10,229	10,702	-2.0	-4.4	-1.8	10,138	10,062	9,886	10,759	-5.8
Material handling equipment.....	4,453	4,385	4,303	1.6	1.9	-1.9	4,389	4,313	4,094	4,010	9.5
Computers and electronic products <sup>2</sup> .....	46,282	46,330	46,317	-0.1	0.0	-0.5	46,337	46,255	45,053	45,558	1.7
Computers.....	1,092	1,112	1,023	-1.8	8.7	-6.7	1,094	1,063	960	1,246	-12.2
Computer storage devices.....	1,109	1,088	1,090	1.9	-0.2	0.0	1,110	1,040	1,004	1,068	3.9
Other peripheral equipment.....	1,580	1,599	1,591	-1.2	0.5	-2.3	1,602	1,568	1,454	1,713	-6.5
Nondefense communications equipment.....	6,961	6,937	6,897	0.3	0.6	-0.3	7,082	7,017	6,740	6,928	2.2
Defense communications equipment.....	1,385	1,375	1,327	0.7	3.6	-2.1	1,385	1,375	1,327	1,789	-22.6
Audio and video equipment.....	735	717	697	2.5	2.9	15.2	676	688	670	543	24.5
Electronic components.....	7,461	7,453	7,569	0.1	-1.5	2.2	7,531	7,610	7,347	7,183	4.8
Nondefense search and navigation equipment.....	3,446	3,474	3,459	-0.8	0.4	0.5	3,439	3,465	3,353	3,386	1.6
Defense search and navigation equipment.....	2,947	2,910	2,776	1.3	4.8	-0.7	2,992	2,882	2,646	2,738	9.3
Electromedical, measuring and control instruments.....	12,405	12,308	12,233	0.8	0.6	0.7	12,512	12,361	11,850	11,766	6.3
Electrical equipment, appliances, and components.....	15,751	15,792	15,472	-0.3	2.1	-1.2	15,903	15,787	14,858	15,555	2.2
Electric lighting equipment.....	1,848	1,850	1,841	-0.1	0.5	2.8	1,840	1,832	1,752	1,701	8.2
Household appliances.....	1,686	1,695	1,703	-0.5	-0.5	1.6	1,722	1,690	1,541	1,735	-0.7
Electrical equipment.....	4,583	4,572	4,517	0.2	1.2	-1.9	4,636	4,620	4,401	4,694	-1.2
Batteries.....	1,030	1,023	1,011	0.7	1.2	1.1	1,037	999	924	1,054	-1.6
Transportation equipment.....	118,044	116,181	114,785	1.6	1.2	0.2	118,155	115,387	111,082	106,156	11.3
Automobiles.....	2,841	2,952	3,264	-3.8	-9.6	4.3	2,826	2,968	3,182	2,663	6.1
Light trucks and utility vehicles.....	2,622	2,734	2,681	-4.1	2.0	0.5	2,539	2,641	2,327	2,474	2.6
Heavy duty trucks.....	2,263	2,260	2,154	0.1	4.9	-4.7	2,261	2,249	2,026	1,961	15.3
Motor vehicle bodies, parts, and trailers.....	17,553	17,443	17,510	0.6	-0.4	-0.5	17,695	17,624	17,257	17,530	0.9
Nondefense aircraft and parts.....	65,299	63,858	62,154	2.3	2.7	0.1	65,248	62,928	59,693	55,607	17.3
Defense aircraft and parts.....	14,507	13,840	13,816	4.8	0.2	1.4	14,511	13,734	13,659	13,282	9.3
Ships and boats.....	2,890	2,943	3,007	-1.8	-2.1	-0.2	2,930	2,967	3,006	2,877	1.8
Furniture and related products.....	6,312	6,254	6,266	0.9	-0.2	0.3	6,197	6,201	6,147	5,881	5.4
Miscellaneous durable goods.....	23,771	23,706	23,607	0.3	0.4	-0.4	23,713	23,552	23,153	23,242	2.0
Nondurable goods industries.....	242,815	243,511	241,066	-0.3	1.0	0.3	243,416	241,448	235,052	244,475	-0.4
Food products.....	45,465	45,765	46,026	-0.7	-0.6	0.2	45,343	45,766	46,175	44,981	0.8
Grain and oilseed milling.....	4,994	5,213	5,365	-4.2	-2.8	-1.7	5,152	5,421	5,613	5,386	-4.3
Dairy products.....	6,063	6,000	6,046	1.1	-0.8	1.5	6,007	5,776	5,617	5,908	1.7
Meat, poultry, and seafood products.....	7,849	7,960	7,948	-1.4	0.2	0.8	7,801	7,884	7,873	7,611	2.5
Beverage and tobacco products.....	19,079	18,985	19,022	0.5	-0.2	0.2	19,458	19,227	19,056	18,301	6.3
Beverages.....	15,318	15,247	15,285	0.5	-0.2	0.4	15,473	15,287	15,199	14,417	7.3
Tobacco.....	3,761	3,738	3,737	0.6	0.0	-0.5	3,985	3,940	3,857	3,884	2.6
Textile mills.....	3,362	3,346	3,338	0.5	0.2	-0.3	3,359	3,333	3,298	3,487	-3.7
Textile products.....	3,241	3,237	3,207	0.1	0.9	0.0	3,245	3,242	3,134	3,213	1.0
Apparel.....	2,516	2,453	2,433	2.6	0.8	-1.7	2,471	2,445	2,314	2,219	11.4
Leather and allied products.....	874	867	876	0.8	-1.0	0.9	870	877	860	808	7.7
Paper products.....	14,088	14,069	14,019	0.1	0.4	0.4	14,180	14,056	13,925	14,318	-1.0
Pulp, paper, and paperboard mills.....	6,011	5,983	5,979	0.5	0.1	0.0	6,067	5,974	5,975	6,369	-4.7
Paperboard containers.....	4,130	4,127	4,127	0.1	0.0	0.5	4,193	4,168	4,110	4,094	2.4
Printing.....	5,297	5,321	5,345	-0.5	-0.4	0.6	5,311	5,206	5,053	5,393	-1.5
Petroleum and coal products.....	52,257	53,709	52,914	-2.7	1.5	-0.3	51,472	51,717	49,857	55,638	-7.5
Petroleum refineries.....	48,059	49,473	48,634	-2.9	1.7	-0.6	47,323	47,447	45,623	51,477	-8.1
Chemical products.....	74,908	73,984	72,216	1.2	2.4	0.9	75,777	73,877	70,431	74,442	1.8
Pesticides, fertilizers, and other agricultural chemicals.....	4,008	4,032	4,089	-0.6	-1.4	-1.3	4,720	4,644	4,356	4,819	-2.1
Pharmaceuticals and medicines.....	25,148	24,953	24,189	0.8	3.2	2.3	25,321	24,743	23,215	24,426	3.7
Paints, coatings, and adhesives.....	2,858	2,857	2,879	0.0	-0.8	0.7	2,960	2,862	2,721	3,053	-3.0
Plastics and rubber products.....	21,728	21,775	21,670	-0.2	0.5	0.1	21,930	21,704	20,949	21,675	1.2

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

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

<sup>2</sup> Estimates of inventories for the semiconductor industry data are included in computers and electronic products and all other applicable aggregate totals, but are not shown 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<sup>1,2</sup>**

[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						Percent Change <sup>6</sup> 2013/ 2012
	Monthly			Percent Change			Monthly			Year to date			
	Feb. 2013 <sup>p</sup>	Jan. 2013 <sup>f</sup>	Dec. 2012	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2013 <sup>p</sup>	Jan. 2013 <sup>f</sup>	Dec. 2012	Feb. 2012	2013 <sup>p</sup>	2012	
<b>SHIPMENTS</b>													
All manufacturing industries.....	489,331	484,985	482,840	0.9	0.4	0.0	455,104	450,502	465,192	455,298	905,606	891,579	1.6
Construction materials and supplies.....	42,367	42,662	41,070	-0.7	3.9	0.3	37,120	37,342	35,243	36,863	74,462	72,418	2.8
Information technology.....	21,129	20,830	21,350	1.4	-2.4	1.2	19,139	17,779	24,605	20,500	36,918	39,439	-6.4
Computers and related products.....	2,288	2,315	2,750	-1.2	-15.8	13.4	1,653	1,650	4,010	2,361	3,303	4,688	-29.5
Motor vehicle and parts.....	46,243	44,536	44,302	3.8	0.5	0.1	46,117	41,669	39,550	42,388	87,786	80,185	9.5
Capital goods.....	79,070	78,601	80,796	0.6	-2.7	1.1	72,920	67,872	88,352	73,429	140,792	140,072	0.5
Nondefense capital goods <sup>3</sup> .....	70,712	70,613	71,766	0.1	-1.6	0.5	64,768	61,276	78,531	65,457	126,044	125,131	0.7
Excluding aircraft.....	65,291	64,090	64,546	1.9	-0.7	0.1	60,095	57,040	68,430	60,008	117,135	115,447	1.5
Defense capital goods <sup>4</sup> .....	8,358	7,988	9,030	4.6	-11.5	5.9	8,152	6,596	9,821	7,972	14,748	14,941	-1.3
Consumer goods.....	215,714	211,464	207,901	2.0	1.7	-0.2	201,885	199,274	201,471	196,911	401,159	387,269	3.6
Consumer durable goods.....	38,765	37,199	36,214	4.2	2.7	1.5	38,250	34,109	33,831	33,977	72,359	63,504	13.9
Consumer nondurable goods.....	176,949	174,265	171,687	1.5	1.5	-0.5	163,635	165,165	167,640	162,934	328,800	323,765	1.6
<b>NEW ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	491,984	477,514	482,418	3.0	-1.0	1.3	467,194	448,793	481,389	466,795	915,987	909,476	0.7
Construction materials and supplies.....	42,536	42,772	40,957	-0.6	4.4	0.5	38,157	37,687	34,978	38,005	75,844	73,909	2.6
Information technology.....	20,867	20,702	21,541	0.8	-3.9	-0.4	19,952	18,546	26,212	23,091	38,498	43,311	-11.1
Computers and related products.....	2,390	2,310	2,716	3.5	-14.9	6.2	1,755	1,645	3,976	2,331	3,400	4,617	-26.4
Motor vehicle and parts.....	46,229	44,474	44,085	3.9	0.9	0.2	46,410	41,678	39,690	42,631	88,088	80,413	9.5
Capital goods.....	88,538	78,089	88,133	13.4	-11.4	11.5	87,802	70,870	109,038	88,309	158,672	167,616	-5.3
Nondefense capital goods <sup>3</sup> .....	80,374	73,359	71,934	9.6	2.0	1.0	79,434	65,716	88,389	79,521	145,150	151,468	-4.2
Excluding aircraft.....	65,405	67,593	63,346	-3.2	6.7	-0.8	63,520	64,365	66,309	66,331	127,885	127,472	0.3
Defense capital goods <sup>4</sup> .....	8,164	4,730	16,199	72.6	-70.8	107.2	8,368	5,154	20,649	8,788	13,522	16,148	-16.3
Consumer goods.....	215,616	211,338	207,913	2.0	1.6	-0.2	202,039	199,331	201,299	197,216	401,370	387,705	3.5
Consumer durable goods.....	38,667	37,073	36,226	4.3	2.3	1.5	38,404	34,166	33,659	34,282	72,570	63,940	13.5
Consumer nondurable goods.....	176,949	174,265	171,687	1.5	1.5	-0.5	163,635	165,165	167,640	162,934	328,800	323,765	1.6
<b>UNFILED ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	999,690	990,391	990,856	0.9	0.0	0.7	1,012,402	994,943	988,968	997,401	(X)	(X)	1.5
Construction materials and supplies.....	55,964	55,795	55,685	0.3	0.2	-0.2	55,354	54,317	53,972	55,288	(X)	(X)	0.1
Information technology.....	136,069	136,331	136,459	-0.2	-0.1	0.1	137,165	136,352	135,585	132,916	(X)	(X)	3.2
Computers and related products.....	1,438	1,336	1,341	7.6	-0.4	-2.5	1,438	1,336	1,341	1,085	(X)	(X)	32.5
Motor vehicle and parts.....	15,507	15,521	15,583	-0.1	-0.4	-1.4	16,136	15,843	15,834	17,346	(X)	(X)	-7.0
Capital goods.....	764,297	754,829	755,341	1.3	-0.1	1.0	773,784	758,902	755,904	756,990	(X)	(X)	2.2
Nondefense capital goods <sup>3</sup> .....	596,560	586,898	584,152	1.6	0.5	0.0	604,766	590,100	585,660	590,452	(X)	(X)	2.4
Excluding aircraft.....	235,559	235,445	231,942	0.0	1.5	-0.5	238,023	234,598	227,273	245,432	(X)	(X)	-3.0
Defense capital goods <sup>4</sup> .....	167,737	167,931	171,189	-0.1	-1.9	4.4	169,018	168,802	170,244	166,538	(X)	(X)	1.5
Consumer goods.....	3,838	3,936	4,062	-2.5	-3.1	0.3	4,039	3,885	3,828	4,183	(X)	(X)	-3.4
Consumer durable goods.....	3,838	3,936	4,062	-2.5	-3.1	0.3	4,039	3,885	3,828	4,183	(X)	(X)	-3.4
<b>TOTAL INVENTORIES</b>													
All manufacturing industries.....	620,009	618,936	615,153	0.2	0.6	0.0	622,106	615,220	598,586	607,374	(X)	(X)	2.4
Construction materials and supplies.....	60,101	59,905	59,707	0.3	0.3	0.4	60,738	59,743	58,250	59,078	(X)	(X)	2.8
Information technology.....	40,176	40,053	39,321	0.3	1.9	-0.3	40,465	40,007	37,976	39,260	(X)	(X)	3.1
Computers and related products.....	3,781	3,799	3,704	-0.5	2.6	-2.9	3,806	3,671	3,418	4,027	(X)	(X)	-5.5
Motor vehicle and parts.....	25,279	25,389	25,609	-0.4	-0.9	-0.2	25,321	25,482	24,792	24,628	(X)	(X)	2.8
Capital goods.....	197,769	196,091	194,035	0.9	1.1	-0.5	198,483	194,620	187,344	185,363	(X)	(X)	7.1
Nondefense capital goods <sup>3</sup> .....	175,554	174,472	172,581	0.6	1.1	-0.6	176,131	172,835	165,922	164,504	(X)	(X)	7.1
Excluding aircraft.....	120,543	120,862	120,651	-0.3	0.2	-0.7	121,267	120,213	116,345	118,269	(X)	(X)	2.5
Defense capital goods <sup>4</sup> .....	22,215	21,619	21,454	2.8	0.8	-0.2	22,352	21,785	21,422	20,859	(X)	(X)	7.2
Consumer goods.....	181,527	182,988	181,927	-0.8	0.6	0.4	181,337	181,267	177,048	182,673	(X)	(X)	-0.7
Consumer durable goods.....	25,317	25,396	25,784	-0.3	-1.5	1.0	25,455	25,678	24,988	24,989	(X)	(X)	1.9
Consumer nondurable goods.....	156,210	157,592	156,143	-0.9	0.9	0.3	155,882	155,589	152,060	157,684	(X)	(X)	-1.1

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

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

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

<sup>3</sup> Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machine vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressor 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 and boats; office and institutional furniture; and medical equipment and supplies.

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

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

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

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

Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group<sup>1</sup>

[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 Feb. 13/12
	Feb. 2013 <sup>p</sup>	Jan. 2013 <sup>f</sup>	Dec. 2012	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2013 <sup>p</sup>	Jan. 2013 <sup>f</sup>	Dec. 2012	Feb. 2012	
<b>MATERIALS AND SUPPLIES</b>											
All manufacturing industries.....	201,871	203,050	202,115	-0.6	0.5	-0.1	202,495	202,988	199,726	200,384	1.1
Durable goods industries.....	121,451	121,244	120,859	0.2	0.3	-0.2	121,853	121,455	119,955	118,555	2.8
Wood products.....	3,763	3,745	3,598	0.5	4.1	4.6	3,938	3,923	3,747	3,624	8.7
Nonmetallic mineral products.....	4,672	4,643	4,607	0.6	0.8	-0.5	4,695	4,653	4,562	4,761	-1.4
Primary metals.....	13,119	13,273	13,270	-1.2	0.0	0.1	12,994	13,328	13,379	13,439	-3.3
Fabricated metal products.....	16,573	16,570	16,469	0.0	0.6	-1.3	16,428	16,590	16,464	16,601	-1.0
Machinery.....	25,252	25,236	25,489	0.1	-1.0	-0.7	25,187	25,085	24,640	24,841	1.4
Computers and electronic products.....	18,074	18,139	18,021	-0.4	0.7	1.2	17,944	18,246	17,912	16,810	6.7
Electrical equipment, appliances, and components.....	6,991	6,941	6,830	0.7	1.6	-1.0	7,053	6,932	6,724	6,855	2.9
Transportation equipment.....	22,474	22,152	22,034	1.5	0.5	-0.3	23,095	22,134	22,099	20,872	10.7
Furniture and related products.....	2,929	2,968	2,920	-1.3	1.6	-1.2	2,905	2,960	2,916	2,842	2.2
Miscellaneous products.....	7,604	7,577	7,621	0.4	-0.6	-0.8	7,614	7,604	7,512	7,910	-3.7
Nondurable goods industries.....	80,420	81,806	81,256	-1.7	0.7	0.2	80,642	81,533	79,771	81,829	-1.5
Food products.....	14,323	14,736	15,152	-2.8	-2.7	-1.5	14,350	14,987	15,333	14,797	-3.0
Beverage and tobacco products.....	4,942	4,892	4,913	1.0	-0.4	-0.5	5,100	5,044	5,051	4,881	4.5
Textiles.....	1,224	1,217	1,197	0.6	1.7	-0.1	1,221	1,211	1,181	1,244	-1.8
Textile products.....	1,527	1,544	1,522	-1.1	1.4	0.9	1,516	1,534	1,496	1,497	1.3
Apparel.....	840	823	816	2.1	0.9	0.7	834	821	806	699	19.3
Leather and allied products.....	280	274	274	2.2	0.0	1.9	276	273	271	260	6.2
Paper products.....	6,893	6,914	6,893	-0.3	0.3	-0.7	6,924	6,994	6,885	7,108	-2.6
Printing.....	2,475	2,485	2,456	-0.4	1.2	-2.3	2,479	2,464	2,377	2,592	-4.4
Petroleum and coal products.....	16,241	17,142	16,727	-5.3	2.5	1.9	16,058	16,313	15,735	17,078	-6.0
Chemical products.....	23,033	23,182	22,673	-0.6	2.2	1.4	23,219	23,262	22,194	23,019	0.9
Plastics and rubber products.....	8,642	8,597	8,633	0.5	-0.4	-1.5	8,665	8,630	8,442	8,654	0.1
<b>WORK IN PROCESS</b>											
All manufacturing industries.....	195,313	192,630	190,758	1.4	1.0	0.0	196,079	191,392	184,951	188,213	4.2
Durable goods industries.....	148,889	147,056	146,075	1.2	0.7	0.4	148,954	145,884	140,771	140,120	6.3
Wood products.....	1,641	1,538	1,615	6.7	-4.8	3.1	1,658	1,518	1,567	1,494	11.0
Nonmetallic mineral products.....	1,370	1,351	1,363	1.4	-0.9	0.5	1,399	1,324	1,302	1,336	4.7
Primary metals.....	10,926	10,979	11,040	-0.5	-0.6	0.0	10,916	10,748	10,346	11,344	-3.8
Fabricated metal products.....	13,767	13,668	13,763	0.7	-0.7	0.5	13,769	13,598	13,429	13,360	3.1
Machinery.....	16,563	16,574	16,837	-0.1	-1.6	0.5	16,723	16,420	15,959	16,677	0.3
Computers and electronic products.....	15,166	15,242	15,306	-0.5	-0.4	-0.7	15,176	15,189	14,664	16,537	-8.2
Electrical equipment, appliances, and components.....	3,657	3,668	3,593	-0.3	2.1	-0.8	3,675	3,690	3,415	3,597	2.2
Transportation equipment.....	81,388	79,631	78,149	2.2	1.9	0.7	81,236	79,663	75,830	71,571	13.5
Furniture and related products.....	1,045	1,012	1,019	3.3	-0.7	-3.4	1,037	1,009	1,017	1,000	3.7
Miscellaneous products.....	3,366	3,393	3,390	-0.8	0.1	0.9	3,365	3,325	3,242	3,204	5.0
Nondurable goods industries.....	46,424	45,574	44,683	1.9	2.0	-1.3	47,125	45,508	44,180	48,093	-2.0
Food products.....	4,298	4,222	4,054	1.8	4.1	1.2	4,432	4,495	4,661	3,904	13.5
Beverage and tobacco products.....	6,288	6,329	6,295	-0.6	0.5	0.5	6,582	6,665	6,709	6,091	8.1
Textiles.....	765	758	776	0.9	-2.3	0.0	756	754	755	773	-2.2
Textile products.....	420	417	411	0.7	1.5	-1.9	425	422	394	438	-3.0
Apparel.....	364	363	384	0.3	-5.5	0.0	349	348	351	352	-0.9
Leather and allied products.....	115	114	102	0.9	11.8	-4.7	117	113	101	123	-4.9
Paper products.....	1,309	1,300	1,300	0.7	0.0	1.4	1,318	1,311	1,284	1,334	-1.2
Printing.....	1,179	1,191	1,225	-1.0	-2.8	6.9	1,218	1,149	1,102	1,261	-3.4
Petroleum and coal products.....	13,325	12,762	13,050	4.4	-2.2	-6.3	13,384	12,036	12,276	15,735	-14.9
Chemical products.....	16,112	15,877	14,850	1.5	6.9	0.9	16,255	15,956	14,397	15,834	2.7
Plastics and rubber products.....	2,249	2,241	2,236	0.4	0.2	-0.9	2,289	2,259	2,150	2,248	1.8
<b>FINISHED GOODS</b>											
All manufacturing industries.....	222,825	223,256	222,280	-0.2	0.4	0.1	223,532	220,840	213,909	218,777	2.2
Durable goods industries.....	106,854	107,125	107,153	-0.3	0.0	-0.7	107,883	106,433	102,808	104,224	3.5
Wood products.....	4,130	4,146	4,077	-0.4	1.7	-1.8	4,307	4,167	3,920	3,961	8.7
Nonmetallic mineral products.....	5,509	5,610	5,591	-1.8	0.3	-0.4	5,709	5,631	5,456	5,614	1.7
Primary metals.....	10,434	10,355	10,428	0.8	-0.7	1.4	10,499	10,215	10,390	10,266	2.3
Fabricated metal products.....	15,816	15,750	15,756	0.4	0.0	0.8	15,986	15,623	15,183	15,685	1.9
Machinery.....	23,499	23,724	23,737	-0.9	-0.1	-1.4	24,177	23,767	22,897	23,504	2.9
Computers and electronic products.....	13,042	12,949	12,990	0.7	-0.3	-2.4	13,217	12,820	12,477	12,211	8.2
Electrical equipment, appliances, and components.....	5,103	5,183	5,049	-1.5	2.7	-1.7	5,175	5,165	4,719	5,103	1.4
Transportation equipment.....	14,182	14,398	14,602	-1.5	-1.4	-1.7	13,824	14,190	13,153	13,713	0.8
Furniture and related products.....	2,338	2,274	2,327	2.8	-2.3	3.9	2,255	2,232	2,214	2,039	10.6
Miscellaneous products.....	12,801	12,736	12,596	0.5	1.1	-0.4	12,734	12,623	12,399	12,128	5.0
Nondurable goods industries.....	115,971	116,131	115,127	-0.1	0.9	1.0	115,649	114,407	111,101	114,553	1.0
Food products.....	26,844	26,807	26,820	0.1	0.0	1.0	26,561	26,284	26,181	26,280	1.1
Beverage and tobacco products.....	7,849	7,764	7,814	1.1	-0.6	0.5	7,776	7,518	7,296	7,329	6.1
Textiles.....	1,373	1,371	1,365	0.1	0.4	-0.7	1,382	1,368	1,362	1,470	-6.0
Textile products.....	1,294	1,276	1,274	1.4	0.2	-0.5	1,304	1,286	1,244	1,278	2.0
Apparel.....	1,312	1,267	1,233	3.6	2.8	-3.7	1,288	1,276	1,157	1,168	10.3
Leather and allied products.....	479	479	500	0.0	-4.2	1.6	477	491	488	425	12.2
Paper products.....	5,886	5,855	5,826	0.5	0.5	1.6	5,938	5,751	5,756	5,876	1.1
Printing.....	1,643	1,645	1,664	-0.1	-1.1	0.7	1,614	1,593	1,574	1,540	4.8
Petroleum and coal products.....	22,691	23,805	23,137	-4.7	2.9	1.7	22,030	23,366	21,846	22,825	-3.5
Chemical products.....	35,763	34,925	34,693	2.4	0.7	0.5	36,303	34,659	33,840	35,589	2.0
Plastics and rubber products.....	10,837	10,937	10,801	-0.9	1.3	1.6	10,976	10,815	10,357	10,773	1.9

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

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

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

**Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group<sup>3</sup>**

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio <sup>1</sup>			
	Feb 2013 <sup>p</sup>	Jan 2013 <sup>f</sup>	Dec 2012	Nov 2012	Feb 2013 <sup>p</sup>	Jan 2013 <sup>f</sup>	Dec 2012	Nov 2012
	All manufacturing industries <sup>2</sup> .....	1.27	1.28	1.27	1.27	(X)	(X)	(X)
Durable goods industries <sup>2</sup> .....	1.64	1.65	1.63	1.65	6.28	6.25	6.15	6.13
Wood products.....	1.39	1.39	1.45	1.47	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.38	1.41	1.42	1.42	(X)	(X)	(X)	(X)
Primary metals.....	1.19	1.19	1.16	1.18	1.06	1.04	1.02	1.06
Fabricated metal products.....	1.64	1.65	1.69	1.68	3.20	3.22	3.23	3.15
Machinery.....	1.91	1.96	1.99	1.98	3.98	4.07	3.96	4.00
Computers and electronic products <sup>2</sup> .....	1.71	1.70	1.65	1.67	7.54	7.65	7.49	7.53
Electrical equipment, appliances, and components.....	1.54	1.56	1.54	1.57	2.27	2.29	2.33	2.35
Transportation equipment.....	1.79	1.79	1.73	1.74	15.37	14.97	14.40	14.27
Furniture and related products.....	1.15	1.15	1.15	1.15	1.31	1.33	1.34	1.36
Miscellaneous products.....	1.69	1.69	1.69	1.72	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.93	0.95	0.95	0.94	(X)	(X)	(X)	(X)
Food products.....	0.72	0.73	0.74	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.54	1.56	1.56	1.49	(X)	(X)	(X)	(X)
Textiles.....	1.32	1.34	1.34	1.34	(X)	(X)	(X)	(X)
Textile products.....	1.58	1.61	1.63	1.62	(X)	(X)	(X)	(X)
Apparel.....	1.94	1.93	1.94	1.93	(X)	(X)	(X)	(X)
Leather and allied products.....	1.83	1.74	1.86	1.95	(X)	(X)	(X)	(X)
Paper products.....	1.03	1.03	1.02	1.01	(X)	(X)	(X)	(X)
Printing.....	0.80	0.78	0.82	0.80	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.67	0.71	0.72	0.72	(X)	(X)	(X)	(X)
Chemical products.....	1.20	1.18	1.15	1.14	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.20	1.21	1.24	1.22	(X)	(X)	(X)	(X)

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

<sup>1</sup> Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtools; farm and garden machinery; computer storage and peripheral devices; audio and video equipment; manufacturing and reproducing magnetic and optical media; batteries; automobiles; light trucks and utility vehicles; heavy duty trucks; and miscellaneous furniture.

<sup>2</sup> Unfilled orders to shipments ratio excludes semiconductor manufacturing.

**Table 8. Revisions to Previously Published Monthly Percent Changes<sup>3</sup>**

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

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Feb <sup>1</sup> 2013	Feb <sup>2</sup> 2012- Jan 2013	Feb <sup>1</sup> 2013	Feb <sup>2</sup> 2012- Jan 2013	Feb <sup>1</sup> 2013	Feb <sup>2</sup> 2012- Jan 2013	Feb <sup>1</sup> 2013	Feb <sup>2</sup> 2012- Jan 2013
	All manufacturing industries.....	(X)	0.2	(X)	0.3	(X)	0.1	(X)
Durable goods industries.....	0.0	0.3	-0.1	0.5	0.0	0.1	0.1	0.1
Wood products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.3
Nonmetallic mineral products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.0	0.5	0.3	1.3	0.2	0.9	-0.1	0.5
Fabricated metal products.....	0.1	0.3	0.5	0.8	0.3	0.3	0.1	0.2
Machinery.....	-0.2	0.7	-0.3	1.2	0.0	0.2	0.0	0.2
Computers and electronic products.....	0.0	0.8	-1.8	1.0	-0.4	0.1	0.0	0.2
Electrical equipment, appliances, and components.....	0.2	0.3	0.4	0.8	0.2	0.4	0.0	0.3
Transportation equipment.....	0.0	0.4	0.1	1.5	0.0	0.2	0.0	0.1
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)	0.4	(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)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.9
Leather and allied products.....	(X)	0.9	(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)	0.6
Petroleum and coal products.....	(X)	1.4	(X)	(NA)	(X)	(NA)	(X)	0.5
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.2

X Not Applicable    NA Not Available

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

<sup>2</sup> The twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

<sup>3</sup> Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.



## 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<sup>®</sup> 9.1.3 to a server having a Linux Red Hat 5 operating system that supports SAS<sup>®</sup> 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.