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Chris Savage or Adriana Stoica  
Manufacturing and Construction Division  
(301) 763-4832

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

### Summary

New orders for manufactured goods in June, up four of the last five months, increased \$7.6 billion or 1.5 percent to \$496.7 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 3.0 percent May increase. Excluding transportation, new orders decreased 0.4 percent.

Shipments, down three of the last four months, decreased \$2.0 billion or 0.4 percent to \$481.8 billion. This followed a 1.0 percent May increase.

Unfilled orders, up four of the last five months, increased \$21.5 billion or 2.1 percent to \$1,029.9 billion. This was at the highest level since the series was first published on a NAICS basis and followed a 1.2 percent May increase. The unfilled orders-to-shipments ratio was 6.38, up from 6.23 in May.

Inventories, up six of the last seven months, increased \$0.7 billion or 0.1 percent to \$627.7 billion. This was at the highest level since the series was first published on a NAICS basis and followed a 0.1 percent May decrease. The inventories-to-shipments ratio was 1.30, unchanged from May.

### New Orders

New orders for manufactured durable goods in June, up four of the last five months, increased \$9.1 billion or 3.9 percent to \$244.2 billion, revised from the previously published 4.2 percent increase. This followed a 5.5 percent May increase.

Transportation equipment, also up four of the last five months, drove the increase, up \$9.3 billion or 12.0 percent to \$86.6 billion.

New orders for manufactured nondurable goods decreased \$1.5 billion or 0.6 percent to \$252.4 billion.

### Shipments

Shipments of manufactured durable goods in June, down two of the last three months, decreased \$0.5 billion or 0.2 percent to \$229.4 billion, revised from the previously published slight decrease. This followed a 1.3 percent May increase.

Transportation equipment, also down two of the last

three months, drove the decrease, down \$0.5 billion or 0.8 percent to \$68.7 billion.

Shipments of manufactured nondurable goods, down three of the last four months, decreased \$1.5 billion or 0.6 percent to \$252.4 billion. This followed a 0.8 percent May increase. Beverage and tobacco products, down following five consecutive monthly increases, led the decrease, down \$0.6 billion or 4.5 percent to \$11.8 billion.

### Unfilled Orders

Unfilled orders for manufactured durable goods in June, up four of the last five months, increased \$21.5 billion or 2.1 percent to \$1,029.9 billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis and followed a 1.2 percent May increase.

Transportation equipment, also up four of the last five months, led the increase, up \$18.0 billion or 2.9 percent to \$637.7 billion.

### Inventories

Inventories of manufactured durable goods in June, up two of the last three months, increased \$0.3 billion or 0.1 percent to \$377.4 billion, revised from the previously published 0.2 percent increase. This was at the highest level since the series was first published on a NAICS basis and followed a 0.1 percent May decrease.

Transportation equipment, up thirteen of the last fourteen months, drove the increase, up \$0.7 billion or 0.6 percent to \$116.5 billion.

Inventories of manufactured nondurable goods, up following two consecutive monthly decreases, increased \$0.4 billion or 0.2 percent to \$250.2 billion. This followed a 0.1 percent May decrease. Petroleum and coal products, up two consecutive months, led the increase, up \$0.2 billion or 0.5 percent to \$47.5 billion.

By stage of fabrication, June materials and supplies decreased 0.6 percent in durable goods and 0.6 percent in nondurable goods. Work in process increased 0.5 percent in durable goods and decreased 0.2 percent in nondurable goods. Finished goods increased 0.4 percent in durable goods and 0.8 percent in nondurable goods.

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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 July is scheduled for release on August 26, 2013, at 8:30 a.m. EDT and the full report on September 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 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			
	June 2013 <sup>2</sup>	May 2013 <sup>2</sup>	Apr. 2013	May - June	Apr. - May	Mar. - Apr.	June 2013 <sup>2</sup>	May 2013 <sup>2</sup>	Apr. 2013	June 2012	2013 <sup>2</sup>	2012	Percent 2013/2012
All manufacturing industries.....	481,808	483,821	478,947	-0.4	1.0	-0.7	498,324	502,851	483,124	489,908	2,892,678	2,856,614	1.3
Excluding transportation.....	413,139	414,605	412,243	-0.4	0.6	-0.6	424,138	430,667	417,183	419,986	2,486,084	2,476,647	0.4
Excluding defense.....	469,482	471,721	467,142	-0.5	1.0	-0.5	484,609	490,853	472,216	476,109	2,820,994	2,784,567	1.3
With unfilled orders.....	161,502	161,970	158,586	-0.3	2.1	-0.9	172,563	167,099	156,900	171,298	959,878	952,779	0.7
Durable goods industries.....	229,373	229,878	226,915	-0.2	1.3	-0.6	243,529	237,367	227,842	239,742	1,367,650	1,334,628	2.5
Wood products.....	7,177	7,288	7,218	-1.5	1.0	1.5	7,765	8,096	7,702	6,852	43,066	37,389	15.2
Nonmetallic mineral products.....	8,456	8,362	8,268	1.1	1.1	2.1	9,052	9,071	8,444	8,633	48,412	46,872	3.3
Primary metals.....	24,923	24,406	24,698	2.1	-1.2	0.6	25,454	25,826	25,981	25,791	152,621	156,839	-2.7
Iron and steel mills.....	10,237	9,865	10,292	3.8	-4.1	-0.1	10,457	10,657	11,065	11,848	64,321	74,797	-14.0
Aluminum and nonferrous metals.....	12,999	12,899	12,696	0.8	1.6	1.2	13,193	13,404	13,123	12,023	77,773	71,013	9.5
Ferrous metal foundries.....	1,687	1,642	1,710	2.7	-4.0	0.0	1,804	1,765	1,793	1,920	10,527	11,029	-4.6
Fabricated metal products.....	28,916	29,071	29,090	-0.5	-0.1	2.2	29,878	30,386	29,560	29,893	172,802	171,738	0.6
Machinery.....	34,434	34,798	34,255	-1.0	1.6	-2.3	36,230	35,925	34,798	36,723	207,281	199,111	4.1
Farm machinery.....	1,985	2,055	2,016	-3.4	1.9	-5.4	1,787	2,181	2,864	1,866	14,345	15,471	-7.3
Construction machinery.....	5,119	5,084	5,076	0.7	0.2	-4.1	4,758	4,782	4,789	4,378	28,408	22,325	27.2
Mining, oil field, and gas field machinery.....	2,086	2,108	2,150	-1.0	-2.0	-0.6	2,269	2,057	2,015	2,521	12,736	13,617	-6.5
Industrial machinery.....	3,413	3,624	3,471	-5.8	4.4	-4.1	3,782	3,776	3,143	3,961	21,214	19,208	10.4
Photographic equipment.....	657	666	661	-1.4	0.8	1.5	680	668	590	772	3,810	4,040	-5.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,586	3,674	3,770	-2.4	-2.5	4.6	4,630	4,134	3,780	4,679	21,971	21,240	3.4
Metalworking machinery.....	3,010	3,043	3,037	-1.1	0.2	1.3	3,199	3,116	2,942	3,070	17,483	15,953	9.6
Turbines, generators, and other power transmission equipment.....	4,232	4,231	3,880	0.0	9.0	-15.1	4,388	4,398	4,001	4,961	24,606	25,415	-3.2
Material handling equipment.....	2,785	2,773	2,807	0.4	-1.2	3.4	2,806	2,893	2,703	2,696	16,435	15,495	6.1
Computers and electronic products <sup>2</sup> .....	27,484	27,238	27,569	0.9	-1.2	-3.1	30,189	25,663	26,705	31,018	161,523	168,395	-4.1
Computers.....	442	522	519	-15.3	0.6	-14.9	543	488	465	1,065	3,086	4,547	-32.1
Computer storage devices.....	1,117	995	974	12.3	2.2	-6.9	1,673	698	582	1,384	5,737	5,195	10.4
Other peripheral equipment.....	819	810	843	1.1	-3.9	2.1	1,066	734	644	1,087	4,480	4,764	-6.0
Nondefense communications equipment.....	3,615	3,668	3,469	-1.4	5.7	-1.4	4,224	3,513	3,009	3,886	20,741	19,165	8.2
Defense communications equipment.....	432	449	491	-3.8	-8.6	17.5	436	444	480	479	2,556	2,951	-13.4
Audio and video equipment.....	233	273	275	-14.7	-0.7	10.4	194	255	208	227	1,328	1,286	3.3
Electronic components.....	3,475	3,467	3,495	0.2	-0.8	4.7	3,777	3,522	3,305	3,874	20,432	21,395	-4.5
Nondefense search and navigation equipment.....	1,303	1,284	1,239	1.5	3.6	-1.7	1,401	1,294	1,122	1,382	7,669	7,977	-3.9
Defense search and navigation equipment.....	2,934	2,793	2,791	5.0	0.1	-4.2	3,167	2,740	2,547	3,222	17,080	17,942	-4.8
Electromedical, measuring, and control instruments.....	6,188	6,169	6,016	0.3	2.5	-7.1	7,284	6,069	5,666	7,341	37,253	41,912	-11.1
Electrical equipment, appliances, and components.....	10,305	10,401	10,195	-0.9	2.0	-0.8	10,974	10,758	10,111	11,079	61,614	62,129	-0.8
Electric lighting equipment.....	788	797	825	-1.1	-3.4	1.5	806	782	819	855	4,795	5,693	-15.8
Household appliances.....	1,699	1,661	1,612	2.3	3.0	-0.2	1,829	1,791	1,699	1,658	9,937	9,289	7.0
Electrical equipment.....	3,318	3,371	3,346	-1.6	0.7	0.1	3,755	3,513	3,213	3,950	20,201	20,737	-2.6
Batteries.....	1,026	1,015	1,019	1.1	-0.4	3.5	1,007	958	961	949	5,486	5,334	2.8
Transportation equipment.....	68,669	69,216	66,704	-0.8	3.8	-1.0	74,186	72,184	65,941	69,922	406,594	379,967	7.0
Automobiles.....	10,592	10,298	10,522	2.9	-2.1	-3.1	10,992	10,920	10,666	9,678	64,345	52,448	22.7
Light trucks and utility vehicles.....	12,393	12,665	12,686	-2.1	-0.2	3.7	13,207	13,452	12,870	12,608	75,641	67,572	11.9
Heavy duty trucks.....	2,236	2,298	2,330	-2.7	-1.4	5.6	2,340	2,485	2,406	2,770	13,483	15,692	-14.1
Motor vehicle bodies, parts, and trailers.....	19,641	19,238	19,620	2.1	-1.9	4.0	20,204	20,843	20,291	19,336	117,352	112,884	4.0
Nondefense aircraft and parts.....	11,692	12,593	9,709	-7.2	29.7	-10.0	13,796	12,259	8,534	11,737	63,923	59,475	7.5
Defense aircraft and parts.....	4,627	4,669	4,618	-0.9	1.1	-9.5	5,483	4,550	4,063	5,587	27,738	28,418	-2.4
Ships and boats.....	2,522	2,463	2,402	2.4	2.5	0.0	2,710	2,593	2,465	2,581	14,685	14,628	0.4
Furniture and related products.....	5,578	5,551	5,550	0.5	0.0	1.4	5,737	5,695	5,473	5,505	32,984	32,001	3.1
Miscellaneous durable goods.....	13,431	13,547	13,368	-0.9	1.3	-0.6	14,064	13,763	13,127	14,326	80,753	80,187	0.7
Nondurable goods industries.....	252,435	253,943	252,032	-0.6	0.8	-0.7	254,795	265,484	255,282	250,166	1,525,028	1,521,986	0.2
Food products.....	61,891	62,059	62,313	-0.3	-0.4	0.6	60,919	61,641	60,493	59,339	365,530	354,871	3.0
Grain and oilseed milling.....	7,956	8,016	8,198	-0.7	-2.2	-3.2	7,274	7,473	7,820	7,441	47,553	46,269	2.8
Dairy products.....	8,621	8,696	8,672	-0.9	0.3	2.5	8,490	8,772	8,402	8,199	50,183	49,829	0.7
Meat, poultry, and seafood products.....	17,868	17,925	17,942	-0.3	-0.1	1.7	18,421	18,200	17,658	18,169	106,203	105,648	0.5
Beverage and tobacco products.....	11,789	12,346	12,047	-4.5	2.5	1.7	12,335	13,357	12,116	12,268	70,333	70,456	-0.2
Beverages.....	8,591	8,597	8,618	-0.1	-0.2	-0.3	9,137	9,608	8,687	9,254	51,052	51,116	-0.1
Tobacco.....	3,198	3,749	3,429	-14.7	9.3	7.0	3,198	3,749	3,429	3,014	19,281	19,340	-0.3
Textile mills.....	2,624	2,616	2,604	0.3	0.5	1.6	2,800	2,770	2,662	2,730	15,857	15,848	0.1
Textile products.....	2,048	2,039	2,020	0.4	0.9	0.1	2,191	2,148	2,113	2,065	12,371	11,736	5.4
Apparel.....	1,103	1,119	1,123	-1.4	-0.4	4.1	1,028	1,021	1,027	1,015	6,199	6,064	2.2
Leather and allied products.....	474	479	477	-1.0	0.4	1.3	502	487	471	507	2,895	2,867	1.0
Paper products.....	14,263	14,222	14,268	0.3	-0.3	0.2	14,441	14,431	14,121	14,856	84,730	86,992	-2.6
Pulp, paper, and paperboard mills.....	6,625	6,634	6,673	-0.1	-0.6	-0.6	6,682	6,642	6,542	6,858	39,677	40,500	-2.0
Paperboard containers.....	4,405	4,356	4,314	1.1	1.0	1.6	4,465	4,466	4,358	4,402	25,653	25,678	-0.1
Printing.....	6,608	6,670	6,692	-0.9	-0.3	1.6	6,328	6,976	6,807	6,428	39,289	39,868	-1.5
Petroleum and coal products.....	69,322	69,623	69,131	-0.4	0.7	-4.0	70,607	74,832	70,524	68,376	429,555	432,308	-0.6
Petroleum refineries.....	65,800	66,280	65,888	-0.7	0.6	-4.0	66,627	71,218	67,337	64,262	409,481	410,864	-0.3
Chemical products.....	63,759	64,295	63,070	-0.8	1.9	0.0	64,501	68,162	65,948	63,860	386,811	392,471	-1.4
Pesticides, fertilizers, and other agricultural chemicals.....	2,740	2,861	2,659	-4.2	7.6	6.0	2,611	3,900	3,722	2,658	19,010	21,276	-10.7
Pharmaceuticals and medicines.....	15,293	15,601	15,503	-2.0	0.6	1.5	15,291	16,174	15,569	15,596	91,521	94,818	-3.5
Paints, coatings, and adhesives.....	2,972	3,112	3,025	-4.5	2.9	0.7	3,201	3,561	3,275	3,302	18,714	18,829	-0.6
Plastics and rubber products.....	18,554	18,475	18,287	0.4	1.0	1.3	19,143	19,659	19,000	18,722	111,458	108,505	2.7

<sup>2</sup> Preliminary<sup>1</sup> Revised data due to late receipts and concurrent seasonal adjustment.

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

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

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		
	June 2013 <sup>P</sup>	May 2013 <sup>F</sup>	Apr. 2013	May - June	Apr. - May	Mar. - Apr.	June 2013 <sup>P</sup>	May 2013 <sup>F</sup>	Apr. 2013	June 2012	2013 <sup>P</sup>	2012	Percent 2013/2012
All manufacturing industries <sup>2</sup> .....	496,666	489,105	475,035	1.5	3.0	1.3	510,414	501,389	473,837	481,403	2,893,579	2,841,473	1.8
Excluding transportation <sup>2</sup> .....	410,020	411,739	407,806	-0.4	1.0	0.2	417,872	427,233	412,785	407,453	2,471,188	2,451,386	0.8
Excluding defense <sup>2</sup> .....	482,673	477,895	465,156	1.0	2.7	0.8	493,746	493,580	466,334	462,245	2,830,632	2,765,028	2.4
With unfilled orders <sup>2</sup> .....	183,000	173,760	161,842	5.3	7.4	4.8	190,784	171,262	156,035	169,551	1,000,291	977,254	2.4
Durable goods industries <sup>2</sup> .....	244,231	235,162	223,003	3.9	5.5	3.6	255,619	235,905	218,555	231,237	1,368,551	1,319,487	3.7
Primary metals.....	25,506	25,893	25,307	-1.5	2.3	2.3	25,306	26,503	26,337	24,441	155,930	153,927	1.3
Iron and steel mills.....	10,546	10,663	10,852	-1.1	-1.7	2.8	10,412	10,814	11,337	11,460	66,459	72,935	-8.9
Aluminum and nonferrous metals.....	13,243	13,624	12,794	-2.8	6.5	2.4	13,120	13,994	13,272	11,233	79,017	69,780	13.2
Ferrous metal foundries.....	1,717	1,606	1,661	6.9	-3.3	-0.7	1,774	1,695	1,728	1,748	10,454	11,212	-6.8
Fabricated metal products.....	29,533	29,630	29,712	-0.3	-0.3	1.2	29,040	30,632	30,608	29,043	183,282	178,360	2.8
Machinery.....	35,486	34,578	34,396	2.6	0.5	1.2	36,306	35,687	35,703	33,884	211,465	202,351	4.5
Construction machinery.....	5,006	5,008	4,720	0.0	6.1	-2.2	4,295	4,600	4,543	3,255	28,549	21,890	30.4
Mining, oil field, and gas field machinery.....	2,884	2,002	2,037	44.1	-1.7	0.2	2,972	2,236	1,779	2,700	14,118	13,624	3.6
Industrial machinery.....	3,690	3,705	3,645	-0.4	1.6	2.3	4,102	3,647	3,707	3,597	21,824	19,588	11.4
Photographic equipment.....	691	604	865	14.4	-30.2	26.5	749	601	981	822	4,347	4,573	-4.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,504	3,695	3,628	-5.2	1.8	7.2	4,496	4,316	3,670	4,844	22,040	22,560	-2.3
Metalworking machinery.....	3,113	3,041	3,226	2.4	-5.7	12.3	3,247	3,040	3,162	2,871	17,569	16,150	8.8
Turbines, generators, and other power transmission equipment.....	4,222	4,090	4,152	3.2	-1.5	-4.3	4,437	4,084	4,203	4,408	24,987	26,233	-4.7
Material handling equipment.....	2,959	3,051	2,936	-3.0	3.9	4.2	2,862	3,182	2,915	2,516	17,696	16,264	8.8
Computers and electronic products <sup>2</sup> .....	21,859	22,236	21,541	-1.7	3.2	4.6	24,756	20,934	19,656	23,909	126,318	134,144	-5.8
Computers.....	424	528	545	-19.7	-3.1	-6.4	525	494	491	986	3,305	4,473	-26.1
Nondefense communications equipment.....	4,219	4,813	4,112	-12.3	17.0	5.7	4,772	4,630	3,649	4,051	24,261	21,559	12.5
Defense communications equipment.....	395	419	431	-5.7	-2.8	150.6	421	320	364	411	2,236	2,670	-16.3
Electronic components.....	3,409	3,418	3,583	-0.3	-4.6	4.4	3,584	3,454	3,496	3,625	20,713	21,458	-3.5
Nondefense search and navigation equipment.....	1,444	1,549	1,641	-6.8	-5.6	4.5	1,585	1,555	1,840	1,859	9,576	10,591	-9.6
Defense search and navigation equipment.....	3,082	2,607	2,363	18.2	10.3	0.2	3,385	2,115	1,922	2,989	15,131	18,453	-18.0
Electromedical, measuring, and control instruments.....	6,431	6,522	6,485	-1.4	0.6	5.0	7,258	6,398	6,205	6,977	37,902	42,050	-9.9
Electrical equipment, appliances, and components.....	10,516	10,707	10,358	-1.8	3.4	0.1	11,073	11,219	10,087	10,802	63,072	63,198	-0.2
Electric lighting equipment.....	761	780	778	-2.4	0.3	-5.4	822	812	772	909	4,870	5,772	-15.6
Household appliances.....	1,726	1,674	1,629	3.1	2.8	-2.2	1,757	1,827	1,678	1,506	9,917	9,196	7.8
Electrical equipment.....	3,330	3,412	3,399	-2.4	0.4	3.3	3,756	3,621	3,373	3,874	20,785	21,488	-3.3
Transportation equipment.....	86,646	77,366	67,229	12.0	15.1	8.0	92,542	74,156	61,052	73,950	422,391	390,087	8.3
Motor vehicle bodies, parts, and trailers.....	19,831	19,451	19,589	2.0	-0.7	4.1	20,092	20,744	20,046	18,869	117,333	111,885	4.9
Nondefense aircraft and parts.....	27,342	20,697	12,346	32.1	67.6	18.4	28,813	17,145	7,164	11,172	88,942	68,689	29.5
Defense aircraft and parts.....	5,107	4,303	4,106	18.7	4.8	42.8	5,967	2,926	2,874	6,047	21,627	29,777	-27.4
Ships and boats.....	3,158	2,508	1,615	25.9	55.3	27.0	3,504	2,265	1,565	5,306	11,954	14,652	-18.4
Furniture and related products.....	5,637	5,546	5,589	1.6	-0.8	3.8	5,731	5,835	5,822	5,407	33,877	33,027	2.6
Nondurable goods industries.....	252,435	253,943	252,032	-0.6	0.8	-0.7	254,795	265,484	255,282	250,166	1,525,028	1,521,986	0.2

<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 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 June 13/12
	Monthly			Percent Change			Monthly				
	June 2013 <sup>p</sup>	May 2013 <sup>r</sup>	Apr. 2013	May - June	Apr. - May	Mar. - Apr.	June 2013 <sup>p</sup>	May 2013 <sup>r</sup>	Apr. 2013	June 2012	
All manufacturing industries <sup>2</sup> .....	1,029,916	1,008,418	996,628	2.1	1.2	0.3	1,031,277	1,013,056	1,008,893	979,449	5.3
Excluding transportation <sup>2</sup> .....	392,233	388,712	385,072	0.9	0.9	0.7	395,951	396,086	393,895	391,524	1.1
Excluding defense <sup>2</sup> .....	829,406	809,575	796,895	2.4	1.6	0.7	829,660	814,392	806,040	775,896	6.9
Durable goods industries <sup>2</sup> .....	1,029,916	1,008,418	996,628	2.1	1.2	0.3	1,031,277	1,013,056	1,008,893	979,449	5.3
Primary metals.....	35,529	34,946	33,459	1.7	4.4	1.9	35,436	35,584	34,907	35,045	1.1
Iron and steel mills.....	17,925	17,616	16,818	1.8	4.7	3.4	17,837	17,882	17,725	17,232	3.5
Aluminum and nonferrous metals.....	13,568	13,324	12,599	1.8	5.8	0.8	13,559	13,632	13,042	13,388	1.3
Ferrous metal foundries.....	4,036	4,006	4,042	0.7	-0.9	-1.2	4,040	4,070	4,140	4,425	-8.7
Fabricated metal products.....	87,341	86,724	86,165	0.7	0.6	0.7	89,432	90,270	90,024	80,225	11.5
Machinery.....	105,375	104,323	104,543	1.0	-0.2	0.1	105,974	105,898	106,136	117,686	-10.0
Construction machinery.....	9,977	10,090	10,166	-1.1	-0.7	-3.4	10,082	10,545	10,727	16,172	-37.7
Mining, oil field, and gas field machinery.....	13,664	12,866	12,972	6.2	-0.8	-0.9	13,702	12,999	12,820	13,212	3.7
Industrial machinery.....	7,757	7,480	7,399	3.7	1.1	2.4	7,939	7,619	7,748	8,995	-11.7
Photographic equipment.....	3,763	3,729	3,791	0.9	-1.6	5.7	3,845	3,776	3,843	3,431	12.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,112	5,194	5,173	-1.6	0.4	-2.7	5,280	5,414	5,232	6,668	-20.8
Metalworking machinery.....	5,954	5,851	5,853	1.8	0.0	3.3	5,967	5,919	5,995	6,486	-8.0
Turbines, generators, and other power transmission equipment.....	25,954	25,964	26,105	0.0	-0.5	1.1	25,927	25,878	26,192	28,004	-7.4
Material handling equipment.....	11,084	10,910	10,632	1.6	2.6	1.2	11,241	11,185	10,896	10,641	5.6
Computers and electronic products <sup>2</sup> .....	134,480	133,465	131,961	0.8	1.1	0.9	134,969	134,271	133,375	128,780	4.8
Computers.....	3,446	3,464	3,458	-0.5	0.2	0.8	3,446	3,464	3,458	2,669	29.1
Nondefense communications equipment.....	29,442	28,838	27,693	2.1	4.1	2.4	29,476	28,928	27,811	24,155	22.0
Defense communications equipment.....	4,126	4,163	4,193	-0.9	-0.7	-1.4	4,154	4,169	4,293	4,497	-7.6
Electronic components.....	12,862	12,928	12,977	-0.5	-0.4	0.7	12,806	12,999	13,067	12,327	3.9
Nondefense search and navigation equipment.....	15,921	15,780	15,515	0.9	1.7	2.7	16,127	15,943	15,682	12,747	26.5
Defense search and navigation equipment.....	43,057	42,909	43,095	0.3	-0.4	-1.0	43,222	43,004	43,629	46,616	-7.3
Electromedical, measuring, and control instruments.....	25,626	25,383	25,030	1.0	1.4	1.9	25,738	25,764	25,435	25,769	-0.1
Electrical equipment, appliances, and components.....	22,224	22,013	21,707	1.0	1.4	0.8	22,432	22,333	21,872	22,102	1.5
Electric lighting equipment.....	1,208	1,235	1,252	-2.2	-1.4	-3.6	1,257	1,241	1,211	1,207	4.1
Household appliances.....	724	697	684	3.9	1.9	2.5	651	723	687	587	10.9
Electrical equipment.....	11,213	11,201	11,160	0.1	0.4	0.5	11,406	11,405	11,297	11,041	3.3
Transportation equipment.....	637,683	619,706	611,556	2.9	1.3	0.1	635,326	616,970	614,998	587,925	8.1
Motor vehicle bodies, parts, and trailers.....	17,019	16,829	16,616	1.1	1.3	-0.2	16,766	16,878	16,977	16,878	-0.7
Nondefense aircraft and parts.....	459,132	443,482	435,378	3.5	1.9	0.6	456,375	441,358	436,472	406,522	12.3
Defense aircraft and parts.....	66,474	65,994	66,360	0.7	-0.6	-0.8	66,248	65,764	67,388	66,881	-0.9
Ships and boats.....	21,418	20,782	20,737	3.1	0.2	-3.7	21,758	20,964	21,292	22,969	-5.3
Furniture and related products.....	6,188	6,129	6,134	1.0	-0.1	0.6	6,612	6,618	6,478	6,695	-1.2

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

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

<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					Percent Change June 13/12
	Monthly			Percent Change			Monthly					
	June 2013 <sup>p</sup>	May 2013 <sup>f</sup>	Apr. 2013	May - June	Apr. - May	Mar. - Apr.	June 2013 <sup>p</sup>	May 2013 <sup>f</sup>	Apr. 2013	June 2012		
All manufacturing industries.....	627,665	626,936	627,523	0.1	-0.1	0.1	623,618	631,305	632,256	610,253	2.2	
Excluding transportation.....	511,167	511,102	511,447	0.0	-0.1	-0.1	508,136	514,490	515,394	504,410	0.7	
Excluding defense.....	599,334	599,087	599,640	0.0	-0.1	0.1	595,474	603,367	604,212	584,274	1.9	
With unfilled orders.....	308,328	308,025	308,347	0.1	-0.1	0.3	307,004	311,123	310,645	298,085	3.0	
Durable goods industries.....	377,424	377,093	377,362	0.1	-0.1	0.2	375,316	380,438	379,697	365,689	2.6	
Wood products.....	9,890	9,897	9,723	-0.1	1.8	0.5	9,693	9,755	9,618	8,541	13.5	
Nonmetallic mineral products.....	11,499	11,455	11,401	0.4	0.5	0.3	11,624	11,635	11,695	11,506	1.0	
Primary metals.....	34,841	34,819	35,002	0.1	-0.5	-1.6	34,969	35,048	35,412	36,582	-4.4	
Iron and steel mills.....	19,898	19,954	20,195	-0.3	-1.2	-1.7	19,841	20,115	20,497	21,873	-8.4	
Aluminum and nonferrous metals.....	12,654	12,578	12,506	0.6	0.6	-1.7	12,651	12,627	12,563	12,370	2.3	
Ferrous metal foundries.....	2,289	2,287	2,301	0.1	-0.6	-0.2	2,277	2,306	2,352	2,339	-2.7	
Fabricated metal products.....	47,009	47,097	47,251	-0.2	-0.3	-0.1	47,187	47,633	47,603	47,326	-0.3	
Machinery.....	65,440	66,082	66,292	-1.0	-0.3	0.3	64,773	67,019	66,886	65,464	-1.1	
Farm machinery.....	3,842	3,855	3,914	-0.3	-1.5	-0.2	3,840	3,955	4,053	3,847	-0.2	
Construction machinery.....	5,431	5,599	5,737	-3.0	-2.4	-0.1	5,459	5,646	5,769	6,166	-11.5	
Mining, oil field, and gas field machinery.....	7,150	7,182	7,264	-0.4	-1.1	-0.8	7,166	7,365	7,380	7,094	1.0	
Industrial machinery.....	6,212	6,188	6,155	0.4	0.5	0.1	6,164	6,264	6,173	6,174	-0.2	
Photographic equipment.....	1,617	1,640	1,608	1.4	2.0	-0.9	1,602	1,629	1,558	1,572	1.9	
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,819	4,829	4,871	-0.2	-0.9	0.3	4,890	5,166	5,142	4,575	6.9	
Metalworking machinery.....	5,517	5,465	5,442	1.0	0.4	0.6	5,431	5,471	5,432	5,206	4.3	
Turbines, generators, and other power transmission equipment.....	10,186	10,462	10,306	-2.6	1.5	0.7	9,795	10,576	10,287	10,285	-4.8	
Material handling equipment.....	4,444	4,419	4,453	0.6	-0.8	-0.1	4,470	4,418	4,447	4,427	1.0	
Computers and electronic products <sup>2</sup> .....	46,879	46,554	46,111	0.7	1.0	0.5	46,259	46,756	46,017	45,157	2.4	
Computers.....	949	926	916	2.5	1.1	13.2	907	943	882	858	5.7	
Computer storage devices.....	2,107	1,979	1,791	6.5	10.5	1.5	2,037	2,029	1,749	1,647	23.7	
Other peripheral equipment.....	1,685	1,721	1,666	-2.1	3.3	5.0	1,634	1,766	1,684	1,707	-4.3	
Nondefense communications equipment.....	6,240	6,190	6,178	0.8	0.2	-3.2	6,102	6,125	6,048	6,218	-1.9	
Defense communications equipment.....	1,236	1,249	1,298	-1.0	-3.8	1.6	1,236	1,249	1,298	1,392	-11.2	
Audio and video equipment.....	676	659	668	2.6	-1.3	-4.3	634	605	616	549	15.5	
Electronic components.....	7,827	7,772	7,738	0.7	0.4	1.7	7,645	7,788	7,888	7,374	3.7	
Nondefense search and navigation equipment.....	3,530	3,531	3,541	0.0	-0.3	0.2	3,479	3,543	3,566	3,460	0.5	
Defense search and navigation equipment.....	3,132	3,120	2,999	0.4	4.0	1.2	3,164	3,262	3,072	2,989	5.9	
Electromedical, measuring and control instruments.....	12,261	12,268	12,163	-0.1	0.9	1.0	12,107	12,388	12,195	11,259	7.5	
Electrical equipment, appliances, and components.....	16,590	16,605	16,649	-0.1	-0.3	-1.4	16,594	16,897	16,897	16,357	1.4	
Electric lighting equipment.....	1,931	1,939	1,953	-0.4	-0.7	-1.1	1,967	2,009	1,997	1,887	4.2	
Household appliances.....	1,815	1,821	1,834	-0.3	-0.7	0.0	1,813	1,815	1,866	1,803	0.6	
Electrical equipment.....	4,884	4,889	4,885	-0.1	0.1	-0.3	4,831	4,988	4,930	4,914	-1.7	
Batteries.....	1,155	1,171	1,169	-1.4	0.2	2.8	1,165	1,224	1,224	1,145	1.7	
Transportation equipment.....	116,498	115,834	116,076	0.6	-0.2	1.1	115,482	116,815	116,862	105,843	9.1	
Automobiles.....	2,664	2,659	2,734	0.2	-2.7	-1.0	2,475	2,640	2,709	2,464	0.4	
Light trucks and utility vehicles.....	2,188	2,254	2,333	-2.9	-3.4	1.3	1,999	2,305	2,323	2,321	-13.9	
Heavy duty trucks.....	1,950	2,074	2,185	-6.0	-5.1	-4.3	1,883	2,043	2,104	2,086	-9.7	
Motor vehicle bodies, parts, and trailers.....	18,245	18,130	17,953	0.6	1.0	0.7	17,966	18,130	17,945	17,774	1.1	
Nondefense aircraft and parts.....	62,843	62,416	62,422	0.7	0.0	2.0	62,885	63,427	63,294	54,570	15.2	
Defense aircraft and parts.....	13,692	13,880	13,705	-1.4	1.3	-0.6	13,647	13,917	13,679	12,803	6.6	
Ships and boats.....	2,364	2,366	2,391	-0.1	-1.0	0.1	2,365	2,311	2,404	2,569	-7.9	
Furniture and related products.....	5,985	5,982	6,030	0.1	-0.8	-0.1	6,138	6,043	5,953	6,145	-0.1	
Miscellaneous durable goods.....	22,793	22,768	22,827	0.1	-0.3	-0.4	22,597	22,837	22,754	22,768	-0.8	
Nondurable goods industries.....	250,241	249,843	250,161	0.2	-0.1	-0.1	248,302	250,867	252,559	244,564	1.5	
Food products.....	48,073	47,847	47,766	0.5	0.2	0.4	46,324	46,284	46,495	45,799	1.1	
Grain and oilseed milling.....	5,565	5,610	5,683	-0.8	-1.3	1.1	5,225	5,215	5,494	5,794	-9.8	
Dairy products.....	6,276	6,273	6,269	0.0	0.1	-0.8	6,466	6,509	6,441	6,164	4.9	
Meat, poultry, and seafood products.....	9,133	8,998	8,943	1.5	0.6	-0.6	8,897	8,804	8,808	8,589	3.6	
Beverage and tobacco products.....	20,073	20,023	19,894	0.2	0.6	0.7	19,479	19,825	20,093	18,445	5.6	
Beverages.....	16,051	16,015	15,882	0.2	0.8	0.6	15,631	15,916	16,051	14,730	6.1	
Tobacco.....	4,022	4,008	4,012	0.3	-0.1	1.2	3,848	3,909	4,042	3,715	3.6	
Textile mills.....	3,311	3,322	3,319	-0.3	0.1	0.9	3,343	3,353	3,337	3,338	0.1	
Textile products.....	3,043	3,044	3,045	0.0	0.0	-0.2	3,077	3,086	3,073	3,004	2.4	
Apparel.....	2,156	2,134	2,120	1.0	0.7	0.6	2,182	2,082	2,028	1,931	13.0	
Leather and allied products.....	1,074	1,082	1,076	-0.7	0.6	-0.3	1,074	1,083	1,051	1,016	5.7	
Paper products.....	14,457	14,469	14,502	-0.1	-0.2	0.0	14,401	14,520	14,592	14,614	-1.5	
Pulp, paper, and paperboard mills.....	6,128	6,173	6,196	-0.7	-0.4	0.0	6,103	6,236	6,244	6,444	-5.3	
Paperboard containers.....	4,127	4,098	4,102	0.7	-0.1	0.2	4,105	4,092	4,137	4,015	2.2	
Printing.....	5,472	5,506	5,551	-0.6	-0.8	0.5	5,472	5,454	5,566	5,618	-2.6	
Petroleum and coal products.....	47,508	47,272	46,980	0.5	0.6	-1.5	47,609	48,702	48,998	48,815	-2.5	
Petroleum refineries.....	43,669	43,367	43,130	0.7	0.5	-1.8	43,780	44,757	45,200	44,927	-2.6	
Chemical products.....	82,790	82,911	83,609	-0.1	-0.8	0.3	82,897	83,908	84,598	79,881	3.8	
Pesticides, fertilizers, and other agricultural chemicals.....	4,243	4,249	4,314	-0.1	-1.5	3.8	3,907	4,025	4,391	3,413	14.5	
Pharmaceuticals and medicines.....	32,223	32,595	32,942	-1.1	-1.1	0.2	32,597	33,144	33,255	31,155	4.6	
Paints, coatings, and adhesives.....	3,265	3,273	3,340	-0.2	-2.0	2.0	3,339	3,357	3,458	3,236	3.2	
Plastics and rubber products.....	22,284	22,233	22,299	0.2	-0.3	-0.5	22,444	22,570	22,728	22,103	1.5	

<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						
	Monthly			Percent Change			Monthly			Year to date		Percent Change <sup>6</sup> 2013/ 2012	
	June 2013 <sup>p</sup>	May 2013 <sup>f</sup>	Apr. 2013	May - June	Apr. - May	Mar. - Apr.	June 2013 <sup>p</sup>	May 2013 <sup>f</sup>	Apr. 2013	June 2012	2013 <sup>p</sup>		2012
<b>SHIPMENTS</b>													
All manufacturing industries.....	481,808	483,821	478,947	-0.4	1.0	-0.7	498,324	502,851	483,124	489,908	2,892,678	2,856,614	1.3
Construction materials and supplies.....	42,801	43,009	42,904	-0.5	0.2	1.8	46,331	46,432	44,094	45,483	254,828	248,646	2.5
Information technology.....	21,500	21,488	20,960	0.1	2.5	-3.8	24,538	20,898	18,987	24,825	126,584	132,500	-4.5
Computers and related products.....	2,378	2,327	2,336	2.2	-0.4	-5.9	3,282	1,920	1,691	3,536	13,303	14,506	-8.3
Motor vehicle and parts.....	44,862	44,499	45,158	0.8	-1.5	2.3	46,743	47,700	46,233	44,392	270,821	248,596	8.9
Capital goods.....	84,277	85,632	80,950	-1.6	5.8	-3.8	91,386	86,189	77,890	90,085	494,392	486,245	1.7
Nondefense capital goods <sup>3</sup> .....	74,310	75,864	71,394	-2.0	6.3	-3.5	80,597	76,392	68,910	79,250	436,271	428,599	1.8
Excluding aircraft.....	65,879	66,493	65,164	-0.9	2.0	-2.1	70,794	67,064	63,536	71,476	392,762	389,045	1.0
Defense capital goods <sup>4</sup> .....	9,967	9,768	9,556	2.0	2.2	-5.7	10,789	9,797	8,980	10,835	58,121	57,646	0.8
Consumer goods.....	205,911	207,423	207,018	-0.7	0.2	-0.9	208,279	215,780	207,312	202,873	1,246,437	1,221,646	2.0
Consumer durable goods.....	35,875	35,922	36,045	-0.1	-0.3	0.7	37,644	37,992	36,709	35,683	218,621	198,227	10.3
Consumer nondurable goods.....	170,036	171,501	170,973	-0.9	0.3	-1.2	170,635	177,788	170,603	167,190	1,027,816	1,023,419	0.4
<b>NEW ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	496,666	489,105	475,035	1.5	3.0	1.3	510,414	501,389	473,837	481,403	2,893,579	2,841,473	1.8
Construction materials and supplies.....	42,734	43,240	42,621	-1.2	1.5	1.1	45,634	47,287	44,003	45,167	256,482	251,507	2.0
Information technology.....	22,814	23,248	22,356	-1.9	4.0	4.3	25,652	22,082	20,444	24,670	131,966	138,667	-4.8
Computers and related products.....	2,360	2,333	2,362	1.2	-1.2	-3.7	3,264	1,926	1,717	3,457	13,522	14,432	-6.3
Motor vehicle and parts.....	45,052	44,712	45,127	0.8	-0.9	2.3	46,631	47,601	45,988	43,925	270,802	247,597	9.4
Capital goods.....	103,476	95,264	83,807	8.6	13.7	5.4	109,835	89,787	77,328	91,781	530,117	510,092	3.9
Nondefense capital goods <sup>3</sup> .....	91,680	86,132	76,374	6.4	12.8	3.5	95,929	83,244	71,718	75,983	478,952	448,530	6.8
Excluding aircraft.....	69,605	68,955	67,531	0.9	2.1	1.2	72,752	69,035	67,305	68,555	412,401	400,873	2.9
Defense capital goods <sup>4</sup> .....	11,796	9,132	7,433	29.2	22.9	29.9	13,906	6,543	5,610	15,798	51,165	61,562	-16.9
Consumer goods.....	205,971	207,511	207,080	-0.7	0.2	-0.8	208,055	215,800	207,385	202,507	1,246,584	1,221,598	2.0
Consumer durable goods.....	35,935	36,010	36,107	-0.2	-0.3	1.1	37,420	38,012	36,782	35,317	218,768	198,179	10.4
Consumer nondurable goods.....	170,036	171,501	170,973	-0.9	0.3	-1.2	170,635	177,788	170,603	167,190	1,027,816	1,023,419	0.4
<b>UNFILLED ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	1,029,916	1,008,418	996,628	2.1	1.2	0.3	1,031,277	1,013,056	1,008,893	979,449	(X)	(X)	5.3
Construction materials and supplies.....	50,602	50,669	50,438	-0.1	0.5	-0.6	51,322	52,019	51,164	52,207	(X)	(X)	-1.7
Information technology.....	134,460	133,146	131,386	1.0	1.3	1.1	135,126	134,012	132,828	129,151	(X)	(X)	4.6
Computers and related products.....	3,446	3,464	3,458	-0.5	0.2	0.8	3,446	3,464	3,458	2,669	(X)	(X)	29.1
Motor vehicle and parts.....	17,019	16,829	16,616	1.1	1.3	-0.2	16,766	16,878	16,977	16,878	(X)	(X)	-0.7
Capital goods.....	775,299	756,100	746,468	2.5	1.3	0.4	776,939	758,490	754,892	729,790	(X)	(X)	6.5
Nondefense capital goods <sup>3</sup> .....	605,559	588,189	577,921	3.0	1.8	0.9	605,952	590,620	583,768	557,417	(X)	(X)	8.7
Excluding aircraft.....	224,616	220,890	218,428	1.7	1.1	1.1	227,478	225,520	223,549	221,883	(X)	(X)	2.5
Defense capital goods <sup>4</sup> .....	169,740	167,911	168,547	1.1	-0.4	-1.2	170,987	167,870	171,124	172,373	(X)	(X)	-0.8
Consumer goods.....	4,334	4,274	4,186	1.4	2.1	1.5	4,220	4,444	4,424	3,953	(X)	(X)	6.8
Consumer durable goods.....	4,334	4,274	4,186	1.4	2.1	1.5	4,220	4,444	4,424	3,953	(X)	(X)	6.8
<b>TOTAL INVENTORIES</b>													
All manufacturing industries.....	627,665	626,936	627,523	0.1	-0.1	0.1	623,618	631,305	632,256	610,253	(X)	(X)	2.2
Construction materials and supplies.....	61,172	61,357	61,388	-0.3	-0.1	0.1	61,225	62,093	62,054	59,813	(X)	(X)	2.4
Information technology.....	40,463	40,286	39,856	0.4	1.1	-0.2	39,942	40,622	39,770	38,485	(X)	(X)	3.8
Computers and related products.....	4,741	4,626	4,373	2.5	5.8	5.1	4,578	4,738	4,315	4,212	(X)	(X)	8.7
Motor vehicle and parts.....	25,047	25,117	25,205	-0.3	-0.3	0.1	24,323	25,118	25,081	24,645	(X)	(X)	-1.3
Capital goods.....	193,662	193,304	193,456	0.2	-0.1	0.6	192,748	195,495	194,736	183,259	(X)	(X)	5.2
Nondefense capital goods <sup>3</sup> .....	170,555	170,854	171,045	-0.2	-0.1	0.5	169,783	172,993	172,138	162,426	(X)	(X)	4.5
Excluding aircraft.....	119,138	119,707	119,841	-0.5	-0.1	-0.2	117,962	120,853	120,070	117,954	(X)	(X)	0.0
Defense capital goods <sup>4</sup> .....	23,107	22,450	22,411	2.9	0.2	1.3	22,965	22,502	22,598	20,833	(X)	(X)	10.2
Consumer goods.....	187,110	187,075	187,106	0.0	0.0	-0.2	184,562	187,213	188,106	183,234	(X)	(X)	0.7
Consumer durable goods.....	24,641	24,754	24,963	-0.5	-0.8	-0.2	23,934	24,674	24,743	24,484	(X)	(X)	-2.2
Consumer nondurable goods.....	162,469	162,321	162,143	0.1	0.1	-0.2	160,628	162,539	163,363	158,750	(X)	(X)	1.2

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; ships and boats; office and institutional furniture; and medical equipment and supplies.

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

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

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

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

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 June 13/12
	June 2013 <sup>p</sup>	May 2013 <sup>f</sup>	Apr. 2013	May - June	Apr. - May	Mar. - Apr.	June 2013 <sup>p</sup>	May 2013 <sup>f</sup>	Apr. 2013	June 2012	
<b>MATERIALS AND SUPPLIES</b>											
All manufacturing industries.....	201,067	202,321	202,253	-0.6	0.0	-0.5	199,270	203,010	202,734	202,009	-1.4
Durable goods industries.....	122,885	123,657	123,488	-0.6	0.1	-0.2	121,468	123,778	123,201	121,449	0.0
Wood products.....	3,788	3,810	3,732	-0.6	2.1	0.3	3,564	3,556	3,496	3,170	12.4
Nonmetallic mineral products.....	4,313	4,316	4,320	-0.1	-0.1	0.0	4,329	4,334	4,356	4,381	-1.2
Primary metals.....	13,906	14,063	13,996	-1.1	0.5	0.0	13,808	13,901	13,838	14,167	-2.5
Fabricated metal products.....	16,933	17,033	17,081	-0.6	-0.3	0.1	16,914	17,056	17,088	17,678	-4.3
Machinery.....	24,429	24,737	24,975	-1.2	-1.0	0.6	24,209	24,928	24,976	24,862	-2.6
Computers and electronic products.....	18,316	18,248	18,070	0.4	1.0	0.5	18,067	18,291	18,113	17,320	4.3
Electrical equipment, appliances, and components.....	7,036	7,046	7,064	-0.1	-0.3	-1.8	7,060	7,197	7,122	7,056	0.1
Transportation equipment.....	24,033	24,328	24,163	-1.2	0.7	-0.9	23,384	24,385	24,153	22,250	5.1
Furniture and related products.....	2,797	2,783	2,797	0.5	-0.5	-0.1	2,830	2,797	2,790	2,978	-5.0
Miscellaneous products.....	7,334	7,293	7,290	0.6	0.0	-1.7	7,303	7,333	7,269	7,587	-3.7
Nondurable goods industries.....	78,182	78,664	78,765	-0.6	-0.1	-0.9	77,802	79,232	79,533	80,560	-3.4
Food products.....	16,718	16,467	16,531	1.5	-0.4	0.2	16,122	15,970	16,192	16,878	-4.5
Beverage and tobacco products.....	5,205	5,221	5,205	-0.3	0.3	2.0	5,063	5,217	5,324	4,981	1.6
Textiles.....	1,195	1,197	1,187	-1.2	0.2	1.2	1,219	1,216	1,198	1,169	4.3
Textile products.....	1,188	1,192	1,178	-0.3	1.2	-1.0	1,211	1,214	1,187	1,206	0.4
Apparel.....	710	699	694	1.6	0.7	-0.6	721	697	688	619	16.5
Leather and allied products.....	326	321	327	1.6	-1.8	-2.1	324	321	321	306	5.9
Paper products.....	6,749	6,791	6,838	-0.6	-0.7	-0.2	6,665	6,747	6,847	6,997	-4.7
Printing.....	2,428	2,455	2,534	-1.1	-3.1	0.6	2,431	2,421	2,521	2,622	-7.3
Petroleum and coal products.....	11,711	12,276	12,118	-4.6	1.3	-4.7	12,004	12,946	12,769	13,660	-12.1
Chemical products.....	23,068	23,123	23,196	-0.2	-0.3	-0.3	23,164	23,413	23,390	23,082	0.4
Plastics and rubber products.....	8,884	8,922	8,957	-0.4	-0.4	-2.2	8,878	9,070	9,096	9,040	-1.8
<b>WORK IN PROCESS</b>											
All manufacturing industries.....	201,107	200,502	201,358	0.3	-0.4	0.8	199,750	202,074	203,694	190,135	5.1
Durable goods industries.....	150,479	149,795	150,071	0.5	-0.2	0.6	150,259	151,498	151,727	141,937	5.9
Wood products.....	1,758	1,783	1,762	-1.4	1.2	-1.3	1,752	1,806	1,788	1,602	9.4
Nonmetallic mineral products.....	1,299	1,273	1,275	2.0	-0.2	-1.6	1,339	1,298	1,324	1,356	-1.3
Primary metals.....	10,486	10,408	10,417	0.7	-0.1	-2.3	10,653	10,618	10,670	11,503	-7.4
Fabricated metal products.....	13,424	13,371	13,424	0.4	-0.4	0.0	13,385	13,525	13,443	13,013	2.9
Machinery.....	18,566	18,693	18,698	-0.7	0.0	-0.9	18,294	19,062	18,920	18,600	-1.6
Computers and electronic products.....	15,962	16,133	16,110	-1.1	0.1	1.3	15,934	16,224	16,185	16,460	-3.2
Electrical equipment, appliances, and components.....	3,745	3,746	3,751	0.0	-0.1	-1.5	3,741	3,829	3,823	3,620	3.3
Transportation equipment.....	80,875	80,005	80,196	1.1	-0.2	1.6	80,763	80,703	81,130	71,327	13.2
Furniture and related products.....	986	993	1,004	-0.7	-1.1	3.6	997	998	1,001	960	3.9
Miscellaneous products.....	3,378	3,390	3,434	-0.4	-1.3	-0.3	3,401	3,435	3,443	3,496	-2.7
Nondurable goods industries.....	50,628	50,707	51,287	-0.2	-1.1	1.5	49,491	50,576	51,967	48,198	2.7
Food products.....	4,625	4,711	4,820	-1.8	-2.3	1.5	4,035	4,166	4,453	3,930	2.7
Beverage and tobacco products.....	6,859	6,798	6,764	0.9	0.5	0.6	6,333	6,559	6,755	5,706	11.0
Textiles.....	753	753	762	0.0	-1.2	0.1	752	755	759	751	0.1
Textile products.....	422	420	433	0.5	-3.0	2.6	419	424	441	409	2.4
Apparel.....	323	320	320	0.9	0.0	1.3	336	317	311	351	-4.3
Leather and allied products.....	106	105	104	1.0	1.0	1.0	101	105	101	110	-8.2
Paper products.....	1,423	1,416	1,388	0.5	2.0	0.7	1,428	1,426	1,391	1,333	7.1
Printing.....	1,261	1,269	1,274	-0.6	-0.4	-0.6	1,181	1,188	1,280	1,247	-5.3
Petroleum and coal products.....	13,717	13,227	13,305	3.7	-0.6	1.7	13,585	14,154	14,154	13,823	-1.7
Chemical products.....	18,494	19,079	19,538	-3.1	-2.3	1.9	18,671	19,450	19,705	17,979	3.8
Plastics and rubber products.....	2,645	2,609	2,579	1.4	1.2	1.3	2,650	2,635	2,617	2,559	3.6
<b>FINISHED GOODS</b>											
All manufacturing industries.....	225,491	224,113	223,912	0.6	0.1	0.0	224,598	226,221	225,828	218,109	3.0
Durable goods industries.....	104,060	103,641	103,803	0.4	-0.2	0.1	103,589	105,162	104,769	102,303	1.3
Wood products.....	4,344	4,304	4,229	0.9	1.8	1.5	4,377	4,393	4,334	3,769	16.1
Nonmetallic mineral products.....	5,887	5,866	5,806	0.4	1.0	0.9	5,956	6,003	6,015	5,769	3.2
Primary metals.....	10,449	10,348	10,589	1.0	-2.3	-2.8	10,508	10,529	10,904	10,912	-3.7
Fabricated metal products.....	16,652	16,693	16,746	-0.2	-0.3	-0.5	16,888	17,052	17,072	16,635	1.5
Machinery.....	22,445	22,652	22,619	-0.9	0.1	0.9	22,270	23,029	22,990	22,002	1.2
Computers and electronic products.....	12,601	12,173	11,931	3.5	2.0	-0.7	12,258	12,241	11,719	11,377	7.7
Electrical equipment, appliances, and components.....	5,809	5,813	5,834	-0.1	-0.4	-0.9	5,793	5,871	5,952	5,681	2.0
Transportation equipment.....	11,590	11,501	11,717	0.8	-1.8	2.7	11,335	11,727	11,579	12,266	-7.6
Furniture and related products.....	2,202	2,206	2,229	-0.2	-1.0	-1.6	2,311	2,248	2,162	2,207	4.7
Miscellaneous products.....	12,081	12,085	12,103	0.0	-0.1	0.4	11,893	12,069	12,042	11,685	1.8
Nondurable goods industries.....	121,431	120,472	120,109	0.8	0.3	-0.1	121,009	121,059	121,059	115,806	4.5
Food products.....	26,730	26,669	26,415	0.2	1.0	0.4	26,167	26,148	25,850	24,991	4.7
Beverage and tobacco products.....	8,009	8,004	7,925	0.1	1.0	0.1	8,083	8,049	8,014	7,758	4.2
Textiles.....	1,363	1,372	1,370	-0.7	0.1	1.1	1,372	1,382	1,380	1,418	-3.2
Textile products.....	1,433	1,432	1,434	0.1	-0.1	-0.3	1,447	1,448	1,445	1,389	4.2
Apparel.....	1,123	1,115	1,106	0.7	0.8	1.2	1,125	1,068	1,029	961	17.1
Leather and allied products.....	642	656	645	-2.1	1.7	0.5	649	657	629	600	8.2
Paper products.....	6,285	6,262	6,276	0.4	-0.2	0.1	6,308	6,347	6,354	6,284	0.4
Printing.....	1,783	1,782	1,743	0.1	2.2	1.4	1,860	1,845	1,765	1,749	6.3
Petroleum and coal products.....	22,080	21,769	21,557	1.4	1.0	-1.5	22,020	22,205	22,075	21,332	3.2
Chemical products.....	41,228	40,709	40,875	1.3	-0.4	0.0	41,062	41,045	41,503	38,820	5.8
Plastics and rubber products.....	10,755	10,702	10,763	0.5	-0.6	0.5	10,916	10,865	11,015	10,504	3.9

<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>1</sup>**

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio <sup>2</sup>			
	Jun 2013 <sup>a</sup>	May 2013 <sup>b</sup>	Apr 2013	Mar 2013	Jun 2013 <sup>a</sup>	May 2013 <sup>b</sup>	Apr 2013	Mar 2013
	All manufacturing industries <sup>3</sup> .....	1.30	1.30	1.31	1.30	(X)	(X)	(X)
Durable goods industries <sup>3</sup> .....	1.65	1.64	1.66	1.65	6.38	6.23	6.28	6.21
Wood products.....	1.38	1.36	1.35	1.36	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.36	1.37	1.38	1.40	(X)	(X)	(X)	(X)
Primary metals.....	1.40	1.43	1.42	1.45	1.43	1.43	1.35	1.34
Fabricated metal products.....	1.63	1.62	1.62	1.66	3.12	3.09	3.06	3.10
Machinery.....	1.90	1.90	1.94	1.89	3.31	3.25	3.30	3.23
Computers and electronic products <sup>3</sup> .....	1.71	1.71	1.67	1.61	7.31	7.27	7.32	7.06
Electrical equipment, appliances, and components.....	1.61	1.60	1.63	1.64	2.40	2.35	2.37	2.32
Transportation equipment.....	1.70	1.67	1.74	1.70	14.68	14.10	14.86	14.51
Furniture and related products.....	1.07	1.08	1.09	1.10	1.33	1.32	1.31	1.32
Miscellaneous products.....	1.70	1.68	1.71	1.70	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.99	0.98	0.99	0.99	(X)	(X)	(X)	(X)
Food products.....	0.78	0.77	0.77	0.77	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.70	1.62	1.65	1.67	(X)	(X)	(X)	(X)
Textiles.....	1.26	1.27	1.27	1.28	(X)	(X)	(X)	(X)
Textile products.....	1.49	1.49	1.51	1.51	(X)	(X)	(X)	(X)
Apparel.....	1.95	1.91	1.89	1.95	(X)	(X)	(X)	(X)
Leather and allied products.....	2.27	2.26	2.26	2.29	(X)	(X)	(X)	(X)
Paper products.....	1.01	1.02	1.02	1.02	(X)	(X)	(X)	(X)
Printing.....	0.83	0.83	0.83	0.84	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.69	0.68	0.68	0.66	(X)	(X)	(X)	(X)
Chemical products.....	1.30	1.29	1.33	1.32	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.20	1.20	1.22	1.24	(X)	(X)	(X)	(X)

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

<sup>2</sup> Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtools; farm and garden machinery; computer storage and peripheral devices; audio and video equipment; manufacturing and reproducing magnetic and optical media; batteries; automobiles; light trucks and utility vehicles; heavy duty trucks; and miscellaneous furniture.

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

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

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

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Jun <sup>2</sup> 2013	Jun <sup>3</sup> 2012- May 2013	Jun <sup>2</sup> 2013	Jun <sup>3</sup> 2012- May 2013	Jun <sup>2</sup> 2013	Jun <sup>3</sup> 2012- May 2013	Jun <sup>2</sup> 2013	Jun <sup>3</sup> 2012- May 2013
	All manufacturing industries.....	(X)	0.2	(X)	0.4	(X)	0.1	(X)
Durable goods industries.....	-0.2	0.3	-0.3	0.6	0.0	0.1	-0.1	0.1
Wood products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.5
Nonmetallic mineral products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	-0.1	0.7	-1.3	2.0	0.3	1.1	0.0	0.4
Fabricated metal products.....	-0.3	0.3	-0.4	0.9	-0.1	0.3	-0.2	0.2
Machinery.....	0.2	0.5	0.2	1.0	-0.1	0.3	-0.6	0.2
Computers and electronic products.....	0.1	0.8	0.9	0.9	0.2	0.1	0.1	0.2
Electrical equipment, appliances, and components.....	0.1	0.3	0.0	1.1	0.0	0.4	-0.1	0.5
Transportation equipment.....	-0.5	0.3	-0.8	1.6	0.0	0.1	0.1	0.2
Furniture and related products.....	(X)	0.4	(X)	0.6	(X)	0.4	(X)	0.3
Miscellaneous products.....	(X)	0.4	(X)	0.4	(X)	0.5	(X)	0.1
Nondurable goods industries.....	(X)	0.4	(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)	0.2
Textiles.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Textile products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	1.1
Leather and allied products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.6
Paper products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.5
Petroleum and coal products.....	(X)	1.3	(X)	(NA)	(X)	(NA)	(X)	0.6
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.3

X Not Applicable    NA Not Available

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

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

<sup>3</sup> The twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.



## Survey Description

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

The data presented in this release are based on data obtained from a panel of 4,300 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,300 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of 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>.