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

Summary. New orders for manufactured goods in June, down three of the last four months, decreased \$2.1 billion or 0.5 percent to \$465.8 billion, the U.S. Census Bureau reported today. This followed a 0.5 percent May increase. Excluding transportation, new orders decreased 1.8 percent. Shipments, down two of the last three months, decreased \$5.3 billion or 1.1 percent to \$469.9 billion. This followed a 0.3 percent May increase. Unfilled orders, up following two consecutive monthly decreases, increased \$3.4 billion or 0.3 percent to \$988.1 billion. This followed a slight May decrease. The unfilled orders-to-shipments ratio was 6.27, up from 6.24 in May. Inventories, also up following two consecutive monthly decreases, increased \$0.4 billion or 0.1 percent to \$605.4 billion. The inventories-to-shipments ratio was 1.29, up from 1.27

New Orders. New orders for manufactured durable goods in June, up two consecutive months, increased \$2.9 billion or 1.3 percent to \$220.7 billion, revised from the previously published 1.6 percent increase. This followed a 1.5 percent May increase. Transportation equipment, up four of the last five months, had the largest increase, \$5.1 billion or 8.0 percent to \$68.7 billion. New orders for manufactured nondurable goods, decreased \$5.0 billion or 2.0 percent to \$245.1 billion.

Shipments. Shipments of manufactured durable goods in June, down following three consecutive monthly increases, decreased \$0.3 billion or 0.1 percent to \$224.8 billion, revised from the previously published 0.1 percent increase. This followed a 1.1 percent May increase. Transportation equipment, also down following three consecutive monthly increases, had the largest decrease, \$0.7 billion or 1.1 percent to \$64.2 billion. Shipments of manufactured nondurable goods, down four consecutive months, decreased \$5.0 billion or 2.0 percent to \$245.1 billion. This followed a 0.4 percent May decrease. Petroleum and coal products, also down four consecutive months, led the decrease, down \$2.0 billion or 2.9 percent to \$67.3 billion.

Unfilled Orders. Unfilled orders for manufactured durable goods in June, up following two consecutive monthly decreases, increased \$3.4 billion or 0.3 percent to \$988.1 billion, revised from the previously published 0.4 percent increase. This followed a slight May decrease. Transportation equipment, up following three consecutive monthly decreases, had the largest increase, \$4.5 billion or 0.8 percent to \$568.6 billion.

Inventories. Inventories of manufactured durable goods in June, up twenty-nine of the last thirty months, increased \$1.6 billion or 0.4 percent to \$367.2 billion, revised from the previously published 0.3 percent increase. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a 0.4 percent May increase. Transportation equipment, also up twenty-nine of the last thirty months, had the largest increase, \$0.9 billion or 0.8 percent to \$108.9 billion. Inventories of manufactured nondurable goods, down four consecutive months, decreased \$1.2 billion or 0.5 percent to \$238.2 billion. This followed a 1.0 percent May decrease. Petroleum and coal products, also down four consecutive months, led the decrease, down \$1.2 billion or 2.3 percent to \$51.1 billion. By stage of fabrication, June materials and supplies decreased 0.1 percent in durable goods and a slight decrease in nondurable goods. Work in process increased 0.7 percent in durable goods and decreased 1.8 percent in nondurable goods. Finished goods increased 0.6 percent in durable goods and decreased 0.4 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 July is scheduled for release on August 24, 2012, at 8:30 a.m. EDT and the full report on August 31, 2012, at 10:00 a.m. EDT. See back page for survey description.

Table 1. Value of Manufacturers' Shipments for Industry Groups¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly			Year to date			
	June 2012 ^p	May 2012 ^f	Apr. 2012	May - June	Apr. - May	Mar. - Apr.	June 2012 ^p	May 2012 ^f	Apr. 2012	June 2011	2012 ^p	2011	Percent 2012/2011
All manufacturing industries.....	469,870	475,187	473,660	-1.1	0.3	-0.2	491,877	494,183	475,728	484,956	2,856,552	2,700,722	5.8
Excluding transportation.....	405,639	410,219	409,592	-1.1	0.2	-0.8	421,391	426,958	413,994	422,293	2,472,392	2,358,016	4.9
Excluding defense.....	458,699	464,245	463,556	-1.2	0.1	0.0	479,667	483,203	466,220	472,556	2,792,338	2,631,654	6.1
With unfilled orders.....	157,565	157,716	155,642	-0.1	1.3	-0.8	170,146	162,744	152,673	161,016	947,927	871,750	8.7
Durable goods industries.....	224,807	225,096	222,574	-0.1	1.1	0.7	241,173	230,937	220,917	225,803	1,343,426	1,231,760	9.1
Wood products.....	6,068	6,121	6,035	-0.9	1.4	0.5	6,693	6,698	6,321	6,305	36,319	34,058	6.6
Nonmetallic mineral products.....	8,031	8,140	8,092	-1.3	0.6	1.3	8,739	8,778	8,106	8,646	47,426	45,316	4.7
Primary metals.....	28,229	28,384	28,483	-0.5	-0.3	0.3	29,587	30,304	29,447	26,995	177,020	146,397	20.9
Iron and steel mills.....	10,904	11,347	11,403	-3.9	-0.5	-0.3	11,554	12,520	11,944	12,544	72,167	70,870	1.8
Aluminum and nonferrous metals.....	15,502	15,215	15,198	1.9	0.1	0.8	16,035	15,842	15,622	12,643	93,457	65,985	41.6
Ferrous metal foundries.....	1,823	1,822	1,882	0.1	-3.2	0.5	1,998	1,942	1,881	1,808	11,396	9,542	19.4
Fabricated metal products.....	27,368	27,519	27,555	-0.5	-0.1	0.1	28,654	28,720	27,344	28,081	165,175	155,109	6.5
Machinery.....	32,900	31,934	31,543	3.0	1.2	-3.2	35,477	32,560	32,092	32,239	193,231	173,839	11.2
Farm machinery.....	1,984	2,106	2,421	-5.8	-13.0	-8.8	1,852	2,136	3,268	2,240	15,421	14,532	6.1
Construction machinery.....	4,731	4,417	4,243	7.1	4.1	3.6	4,923	4,315	4,232	3,506	25,115	19,761	27.1
Mining, oil field, and gas field machinery.....	2,107	2,146	2,107	-1.8	1.9	1.2	2,303	2,131	1,951	2,234	12,404	11,569	7.2
Industrial machinery.....	3,394	3,225	3,163	5.2	2.0	3.6	3,932	3,186	3,045	3,383	18,915	17,295	9.4
Photographic equipment.....	694	676	624	2.7	8.3	-6.3	729	654	546	692	3,856	3,928	-1.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,109	3,186	3,173	-2.4	0.4	-0.9	4,107	3,493	3,056	3,991	18,744	17,865	4.9
Metalworking machinery.....	2,456	2,445	2,422	0.4	0.9	3.0	2,611	2,511	2,253	2,324	14,080	11,655	20.8
Turbines, generators, and other power transmission equipment.....	4,352	3,642	3,398	19.5	7.2	-23.9	4,477	3,708	3,464	3,946	22,998	20,311	13.2
Material handling equipment.....	2,778	2,815	2,767	-1.3	1.7	-0.1	2,881	2,895	2,613	2,731	16,533	14,573	13.4
Computers and electronic products ²	28,951	28,974	27,913	-0.1	3.8	1.4	30,610	27,114	27,758	30,590	165,951	166,748	-0.5
Computers.....	1,149	1,265	1,239	-9.2	2.1	-1.0	1,252	1,050	1,099	1,794	7,019	8,297	-15.4
Computer storage devices.....	758	776	729	-2.3	6.4	-0.3	1,156	600	455	989	4,340	3,764	15.3
Other peripheral equipment.....	929	897	897	3.6	0.0	0.3	1,293	787	663	1,266	5,174	4,890	5.8
Nondefense communications equipment.....	2,695	2,747	2,682	-1.9	2.4	-0.1	3,188	2,575	2,287	3,118	15,756	16,450	-4.2
Defense communications equipment.....	401	552	377	-27.4	46.4	-3.6	398	566	347	519	2,454	2,942	-16.6
Audio and video equipment.....	254	255	264	-0.4	-3.4	3.5	231	223	201	215	1,288	1,245	3.5
Electronic components.....	3,579	3,649	3,546	-1.9	2.9	-1.4	3,823	3,693	3,295	3,934	21,370	21,749	-1.7
Nondefense search and navigation equipment.....	1,256	1,280	1,273	-1.9	0.5	-4.9	1,346	1,332	1,148	1,498	7,750	7,761	-0.1
Defense search and navigation equipment.....	2,978	2,878	2,865	3.5	0.5	0.9	3,134	2,936	2,750	3,112	17,445	17,845	-2.2
Electromedical, measuring, and control instruments.....	6,928	7,015	7,060	-1.2	-0.6	0.7	7,654	6,833	6,702	7,812	41,615	40,988	1.5
Electrical equipment, appliances, and components.....	10,003	10,033	9,918	-0.3	1.2	-1.0	10,770	10,262	9,699	10,521	59,769	57,580	3.8
Electric lighting equipment.....	887	890	902	-0.3	-1.3	-1.6	918	885	870	1,001	5,356	5,596	-4.3
Household appliances.....	1,535	1,581	1,568	-2.9	0.8	0.5	1,669	1,707	1,614	1,631	9,429	9,049	4.2
Electrical equipment.....	3,157	3,163	3,106	-0.2	1.8	-0.8	3,624	3,247	2,921	3,450	18,926	17,851	6.0
Batteries.....	974	962	970	1.2	-0.8	-0.5	958	903	899	958	5,369	5,195	3.3
Transportation equipment.....	64,231	64,968	64,068	-1.1	1.4	3.5	70,486	67,225	61,734	62,663	384,160	342,706	12.1
Automobiles.....	9,127	9,236	9,160	-1.2	0.8	8.5	9,709	9,624	8,686	7,551	52,612	41,371	27.2
Light trucks and utility vehicles.....	13,666	13,753	14,041	-0.6	-2.1	14.7	14,964	14,166	13,677	12,502	80,192	69,373	15.6
Heavy duty trucks.....	2,684	2,690	2,604	-0.2	3.3	1.8	2,766	2,739	2,453	2,377	15,679	12,128	29.3
Motor vehicle bodies, parts, and trailers.....	18,336	18,552	18,364	-1.2	1.0	-0.1	19,682	20,078	18,690	18,524	114,882	108,131	6.2
Nondefense aircraft and parts.....	9,220	9,652	9,447	-4.5	2.2	5.8	10,908	9,490	8,307	9,126	55,179	43,711	26.2
Defense aircraft and parts.....	4,646	4,664	4,156	-0.4	12.2	-17.9	5,405	4,545	3,757	5,507	27,431	27,920	-1.8
Ships and boats.....	2,246	2,201	2,165	2.0	1.7	-2.8	2,347	2,356	2,238	2,356	13,535	13,593	-0.4
Furniture and related products.....	5,290	5,309	5,351	-0.4	-0.8	0.0	5,486	5,464	5,225	5,386	31,946	30,835	3.6
Miscellaneous durable goods.....	13,736	13,714	13,616	0.2	0.7	-1.0	14,671	13,812	13,191	14,377	82,429	79,172	4.1
Nondurable goods industries.....	245,063	250,091	251,086	-2.0	-0.4	-1.0	250,704	263,246	254,811	259,153	1,513,126	1,468,962	3.0
Food products.....	60,173	60,618	60,277	-0.7	0.6	0.7	59,634	60,594	58,120	59,157	356,368	344,002	3.6
Grain and oilseed milling.....	8,097	8,238	8,236	-1.7	0.0	2.8	7,604	7,982	7,729	7,627	47,317	45,682	3.6
Dairy products.....	8,069	8,165	8,292	-1.2	-1.5	-1.2	8,079	8,258	7,990	8,950	49,076	50,543	-2.9
Meat, poultry, and seafood products.....	16,725	17,148	16,744	-2.5	2.4	0.6	17,220	17,393	16,384	16,996	100,114	96,881	3.3
Beverage and tobacco products.....	12,147	12,978	12,880	-6.4	4.0	2.7	12,873	14,024	12,415	13,041	73,425	69,092	6.3
Beverages.....	9,043	9,077	9,050	-0.4	0.3	2.9	9,769	10,123	8,985	9,307	53,561	49,563	8.1
Tobacco.....	3,104	3,901	3,430	-20.4	13.7	2.4	3,104	3,901	3,430	3,734	19,864	19,529	1.7
Textile mills.....	2,445	2,491	2,476	-1.8	0.6	-0.5	2,635	2,598	2,521	2,723	15,188	15,542	-2.3
Textile products.....	1,929	1,953	1,956	-1.2	-0.2	0.1	2,098	2,050	2,024	2,026	11,911	11,316	5.3
Apparel.....	1,232	1,226	1,247	0.5	-1.7	0.2	1,190	1,125	1,134	1,170	7,069	6,693	5.6
Leather and allied products.....	456	485	473	-6.0	2.5	2.8	490	474	453	490	2,748	2,690	2.2
Paper products.....	13,866	13,920	13,997	-0.4	-0.6	0.4	14,261	14,110	13,675	14,679	83,404	85,036	-1.9
Pulp, paper, and paperboard mills.....	6,464	6,525	6,559	-0.9	-0.5	-0.2	6,619	6,555	6,360	6,918	39,101	39,797	-1.7
Paperboard containers.....	4,097	4,071	4,116	0.6	-1.1	1.1	4,210	4,148	4,090	4,327	24,466	25,252	-3.1
Printing.....	6,917	7,104	6,749	-2.6	5.3	1.4	6,851	7,269	6,670	6,712	40,054	40,526	-1.2
Petroleum and coal products.....	67,304	69,321	70,226	-2.9	-1.3	-3.7	69,064	76,133	74,211	72,544	429,328	406,602	5.6
Petroleum refineries.....	63,115	65,051	65,796	-3.0	-1.1	-3.6	64,104	71,431	70,031	67,488	404,498	384,684	5.2
Chemical products.....	61,232	62,546	63,547	-2.1	-1.6	-1.0	63,073	66,326	65,636	68,281	386,689	387,065	-0.1
Pesticides, fertilizers, and other agricultural chemicals.....	2,641	2,805	3,322	-5.8	-15.6	3.4	2,720	3,817	4,805	3,192	21,658	20,169	7.4
Pharmaceuticals and medicines.....	14,079	14,324	14,380	-1.7	-0.4	-0.8	13,985	14,691	14,049	15,908	85,763	90,377	-5.1
Paints, coatings, and adhesives.....	2,850	2,879	2,901	-1.0	-0.8	0.1	3,116	3,209	3,082	3,007	17,763	16,029	10.8
Plastics and rubber products.....	17,362	17,449	17,658	-0.5	-1.2	-0.4	18,535	18,543	17,952	18,330	106,942	100,398	6.5

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

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

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

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	June 2012 ^P	May 2012 ^f	Apr. 2012	May - June	Apr. - May	Mar. - Apr.	June 2012 ^P	May 2012 ^f	Apr. 2012	June 2011	2012 ^P	2011	Percent 2012/2011
All manufacturing industries ²	465,810	467,955	465,752	-0.5	0.5	-0.7	481,647	482,977	463,532	476,842	2,839,948	2,700,370	5.2
Excluding transportation ²	397,113	404,335	404,330	-1.8	0.0	-0.9	409,017	420,758	407,427	416,001	2,449,347	2,348,029	4.3
Excluding defense ²	451,148	458,229	457,299	-1.5	0.2	-0.2	465,682	475,791	456,529	463,395	2,773,825	2,622,023	5.8
With unfilled orders ²	160,994	157,609	154,206	2.1	2.2	-1.8	166,503	157,581	148,833	158,801	970,176	910,056	6.6
Durable goods industries ²	220,747	217,864	214,666	1.3	1.5	-0.3	230,943	219,731	208,721	217,689	1,326,822	1,231,408	7.7
Primary metals.....	27,534	27,402	28,400	0.5	-3.5	0.2	28,030	28,329	29,245	24,955	174,345	146,028	19.4
Iron and steel mills.....	10,588	10,533	11,176	0.5	-5.8	-2.3	10,620	10,964	11,589	10,230	70,166	68,577	2.3
Aluminum and nonferrous metals.....	15,193	15,011	15,336	1.2	-2.1	1.9	15,551	15,404	15,777	12,958	92,656	67,505	37.3
Ferrous metal foundries.....	1,753	1,858	1,888	-5.7	-1.6	1.5	1,859	1,961	1,879	1,767	11,523	9,946	15.9
Fabricated metal products.....	27,762	28,161	27,954	-1.4	0.7	-1.6	27,963	29,586	27,980	27,768	171,365	160,791	6.6
Machinery.....	31,670	32,333	30,781	-2.1	5.0	-3.4	32,314	33,075	32,104	34,043	197,330	194,528	1.4
Construction machinery.....	4,018	3,951	3,962	1.7	-0.3	6.6	3,093	3,665	4,122	3,809	24,422	24,173	1.0
Mining, oil field, and gas field machinery.....	2,541	2,286	1,426	11.2	60.3	31.4	2,577	2,741	1,288	2,832	12,415	17,082	-27.3
Industrial machinery.....	3,175	3,180	3,174	-0.2	0.2	-6.2	3,563	3,012	3,299	3,372	19,304	18,223	5.9
Photographic equipment.....	725	742	730	-2.3	1.6	8.1	764	736	694	745	4,304	4,078	5.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,318	3,439	3,310	-3.5	3.9	-1.4	4,342	3,881	3,495	4,003	20,762	19,770	5.0
Metalworking machinery.....	2,448	2,425	2,388	0.9	1.5	-0.8	2,535	2,401	2,207	2,532	14,462	12,978	11.4
Turbines, generators, and other power transmission equipment.....	3,843	3,884	3,350	-1.1	15.9	-28.0	3,962	3,879	3,371	4,917	24,120	23,352	3.3
Material handling equipment.....	2,741	2,859	2,901	-4.1	-1.4	-1.2	2,762	2,906	2,808	2,513	17,169	15,270	12.4
Computers and electronic products ²	21,837	22,854	22,957	-4.4	-0.4	1.6	23,786	21,132	20,652	24,768	133,133	127,740	4.2
Computers.....	1,163	1,319	1,236	-11.8	6.7	-4.6	1,266	1,104	1,096	1,827	7,057	8,253	-14.5
Nondefense communications equipment.....	3,080	3,209	3,250	-4.0	-1.3	-6.1	3,327	2,790	2,863	3,529	18,446	15,466	19.3
Defense communications equipment.....	274	427	312	-35.8	36.9	-17.5	318	341	234	560	2,126	2,680	-20.7
Electronic components.....	3,431	3,711	3,558	-7.5	4.3	-1.4	3,594	3,765	3,340	3,789	21,499	21,785	-1.3
Nondefense search and navigation equipment.....	1,658	1,726	1,926	-3.9	-10.4	10.0	1,820	1,731	1,958	1,628	10,350	8,122	27.4
Defense search and navigation equipment.....	2,875	2,976	3,101	-3.4	-4.0	6.1	3,002	2,627	2,807	3,196	18,115	17,473	3.7
Electromedical, measuring, and control instruments.....	6,880	7,023	7,175	-2.0	-2.1	5.7	7,231	6,688	6,580	7,335	41,851	41,903	-0.1
Electrical equipment, appliances, and components.....	10,101	10,249	10,062	-1.4	1.9	0.0	10,753	10,478	9,533	10,748	60,908	59,511	2.3
Electric lighting equipment.....	868	895	914	-3.0	-2.1	-1.2	967	911	906	1,101	5,429	5,759	-5.7
Household appliances.....	1,527	1,582	1,580	-3.5	0.1	-1.5	1,563	1,711	1,584	1,576	9,391	9,113	3.1
Electrical equipment.....	3,096	3,170	3,202	-2.3	-1.0	4.2	3,548	3,284	3,110	3,555	19,473	19,024	2.4
Transportation equipment.....	68,697	63,620	61,422	8.0	3.6	0.8	72,630	62,219	56,105	60,841	390,601	352,341	10.9
Motor vehicle bodies, parts, and trailers.....	18,368	18,493	18,268	-0.7	1.2	-0.9	19,344	19,681	18,538	18,162	114,016	107,655	5.9
Nondefense aircraft and parts.....	10,956	9,593	8,918	14.2	7.6	0.1	10,390	8,122	5,416	7,887	64,326	49,474	30.0
Defense aircraft and parts.....	5,095	4,156	3,740	22.6	11.1	-36.1	5,781	3,232	3,107	5,269	28,699	30,750	-6.7
Ships and boats.....	3,406	1,053	987	223.5	6.7	6.9	3,544	710	1,120	2,827	11,167	18,019	-38.0
Furniture and related products.....	5,324	5,266	5,295	1.1	-0.5	-1.4	5,377	5,620	5,432	5,250	33,018	31,975	3.3
Nondurable goods industries.....	245,063	250,091	251,086	-2.0	-0.4	-1.0	250,704	263,246	254,811	259,153	1,513,126	1,468,962	3.0

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

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

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

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				Percent Change June 12/11
	Monthly			Percent Change			Monthly				
	June 2012 ^p	May 2012 ^r	Apr. 2012	May - June	Apr. - May	Mar. - Apr.	June 2012 ^p	May 2012 ^r	Apr. 2012	June 2011	
All manufacturing industries ²	988,072	984,643	984,750	0.3	0.0	-0.1	988,172	991,815	996,978	914,580	8.0
Excluding transportation ²	419,522	420,559	419,318	-0.2	0.3	0.3	421,065	426,852	427,009	390,676	7.8
Excluding defense ²	798,096	798,158	797,049	0.0	0.1	0.0	796,748	804,146	805,515	720,348	10.6
Durable goods industries ²	988,072	984,643	984,750	0.3	0.0	-0.1	988,172	991,815	996,978	914,580	8.0
Primary metals.....	33,638	34,333	35,315	-2.0	-2.8	-0.2	33,327	34,884	36,859	32,781	1.7
Iron and steel mills.....	18,630	18,946	19,760	-1.7	-4.1	-1.1	18,418	19,352	20,908	18,261	0.9
Aluminum and nonferrous metals.....	11,509	11,818	12,022	-2.6	-1.7	1.2	11,425	11,909	12,347	11,484	-0.5
Ferrous metal foundries.....	3,499	3,569	3,533	-2.0	1.0	0.2	3,484	3,623	3,604	3,036	14.8
Fabricated metal products.....	82,403	82,009	81,367	0.5	0.8	0.5	83,561	84,252	83,386	77,082	8.4
Machinery.....	138,366	139,596	139,197	-0.9	0.3	-0.5	138,561	141,724	141,209	123,615	12.1
Construction machinery.....	26,374	27,087	27,553	-2.6	-1.7	-1.0	26,126	27,956	28,606	24,833	5.2
Mining, oil field, and gas field machinery.....	20,193	19,759	19,619	2.2	0.7	-3.4	20,202	19,928	19,318	19,114	5.7
Industrial machinery.....	8,794	9,013	9,058	-2.4	-0.5	0.1	8,785	9,154	9,328	9,522	-7.7
Photographic equipment.....	2,883	2,852	2,786	1.1	2.4	4.0	2,910	2,875	2,793	2,678	8.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	9,915	9,706	9,453	2.2	2.7	1.5	10,408	10,173	9,785	8,914	16.8
Metalworking machinery.....	7,685	7,693	7,713	-0.1	-0.3	-0.4	7,690	7,766	7,876	6,824	12.7
Turbines, generators, and other power transmission equipment.....	28,640	29,149	28,907	-1.7	0.8	-0.2	28,619	29,134	28,963	21,722	31.8
Material handling equipment.....	8,288	8,325	8,281	-0.4	0.5	1.6	8,369	8,488	8,477	7,515	11.4
Computers and electronic products ²	136,091	135,716	134,711	0.3	0.7	1.1	136,147	136,384	136,323	130,562	4.3
Computers.....	1,194	1,180	1,126	1.2	4.8	-0.3	1,194	1,180	1,126	1,220	-2.1
Nondefense communications equipment.....	28,375	27,990	27,528	1.4	1.7	2.1	28,077	27,938	27,723	24,468	14.7
Defense communications equipment.....	5,164	5,291	5,416	-2.4	-2.3	-1.2	5,246	5,326	5,551	6,688	-21.6
Electronic components.....	13,227	13,375	13,313	-1.1	0.5	0.1	13,197	13,426	13,354	12,943	2.0
Nondefense search and navigation equipment.....	12,516	12,114	11,668	3.3	3.8	5.9	12,677	12,203	11,804	9,471	33.9
Defense search and navigation equipment.....	46,243	46,346	46,248	-0.2	0.2	0.5	46,518	46,650	46,959	46,680	-0.3
Electromedical, measuring, and control instruments.....	29,372	29,420	29,412	-0.2	0.0	0.4	29,238	29,661	29,806	29,092	0.5
Electrical equipment, appliances, and components.....	21,875	21,777	21,561	0.5	1.0	0.7	21,867	21,884	21,668	19,060	14.7
Electric lighting equipment.....	1,051	1,070	1,065	-1.8	0.5	1.1	1,108	1,059	1,033	1,142	-3.0
Household appliances.....	693	701	700	-1.1	0.1	1.7	611	717	713	601	1.7
Electrical equipment.....	9,957	10,018	10,011	-0.6	0.1	1.0	10,053	10,129	10,092	9,363	7.4
Transportation equipment.....	568,550	564,084	565,432	0.8	-0.2	-0.5	567,107	564,963	569,969	523,904	8.2
Motor vehicle bodies, parts, and trailers.....	16,631	16,599	16,658	0.2	-0.4	-0.6	16,252	16,590	16,987	16,067	1.2
Nondefense aircraft and parts.....	396,968	395,232	395,291	0.4	0.0	-0.1	394,904	395,422	396,790	347,317	13.7
Defense aircraft and parts.....	60,061	59,612	60,120	0.8	-0.8	-0.7	60,624	60,248	61,561	58,967	2.8
Ships and boats.....	19,085	17,925	19,073	6.5	-6.0	-5.8	19,420	18,223	19,869	26,299	-26.2
Furniture and related products.....	6,291	6,257	6,300	0.5	-0.7	-0.9	6,744	6,853	6,697	6,751	-0.1

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

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

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

Table 4. Value of Manufacturers' Inventories for Industry Groups¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change June 12/11
	June 2012 ^P	May 2012 ^F	Apr. 2012	May - June	Apr. - May	Mar. - Apr.	June 2012 ^P	May 2012 ^F	Apr. 2012	June 2011	
All manufacturing industries.....	605,378	604,989	605,878	0.1	-0.1	-0.2	603,561	610,987	610,568	584,344	3.3
Excluding transportation.....	496,430	496,900	499,203	-0.1	-0.5	-0.3	494,985	501,559	503,149	485,330	2.0
Excluding defense.....	579,789	579,369	580,337	0.1	-0.2	-0.3	578,044	585,287	584,919	558,200	3.6
With unfilled orders.....	298,035	296,518	294,990	0.5	0.5	0.3	297,615	300,068	297,168	279,999	6.3
Durable goods industries.....	367,190	365,566	363,968	0.4	0.4	0.3	366,337	369,704	366,275	346,054	5.9
Wood products.....	8,850	8,790	8,769	0.7	0.2	0.4	8,662	8,627	8,672	8,346	3.8
Nonmetallic mineral products.....	11,589	11,573	11,619	0.1	-0.4	0.1	11,699	11,825	11,918	11,101	5.4
Primary metals.....	34,377	34,420	34,511	-0.1	-0.3	-1.6	34,807	35,021	35,029	34,809	0.0
Iron and steel mills.....	20,213	20,306	20,473	-0.5	-0.8	-2.4	20,626	20,799	20,863	20,737	-0.5
Aluminum and nonferrous metals.....	11,997	11,979	11,931	0.2	0.4	-0.5	12,041	12,072	12,016	12,162	-1.0
Ferrous metal foundries.....	2,167	2,135	2,107	1.5	1.3	0.9	2,140	2,150	2,150	1,910	12.0
Fabricated metal products.....	46,071	45,973	45,894	0.2	0.2	0.4	46,229	46,284	46,091	44,704	3.4
Machinery.....	66,049	65,678	65,216	0.6	0.7	1.7	65,452	66,572	65,818	58,183	12.5
Farm machinery.....	3,695	3,693	3,696	0.1	-0.1	2.4	3,719	3,791	3,807	3,286	13.2
Construction machinery.....	5,998	5,868	5,757	2.2	1.9	0.2	6,020	5,907	5,844	4,807	25.2
Mining, oil field, and gas field machinery.....	7,602	7,510	7,512	1.2	0.0	2.0	7,659	7,721	7,625	6,416	19.4
Industrial machinery.....	7,254	7,221	7,299	0.5	-1.1	0.1	7,179	7,303	7,295	6,859	4.7
Photographic equipment.....	1,459	1,447	1,502	0.8	-3.7	6.6	1,456	1,426	1,473	1,389	4.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,127	4,119	4,001	0.2	2.9	1.1	4,182	4,364	4,169	4,294	-2.6
Metalworking machinery.....	5,376	5,375	5,329	0.0	0.9	-1.5	5,332	5,412	5,355	4,571	16.6
Turbines, generators, and other power transmission equipment.....	10,599	10,753	10,616	-1.4	1.3	4.2	10,144	10,940	10,710	9,077	11.8
Material handling equipment.....	4,553	4,310	4,215	5.6	2.3	3.4	4,601	4,298	4,207	3,692	24.6
Computers and electronic products ²	46,037	45,819	46,234	0.5	-0.9	0.2	45,605	46,298	46,199	45,455	0.3
Computers.....	1,183	1,203	1,273	-1.7	-5.5	-2.4	1,170	1,251	1,200	1,121	-4.2
Computer storage devices.....	1,077	1,088	1,090	-1.0	-0.2	-0.6	1,051	1,139	1,086	1,055	-0.4
Other peripheral equipment.....	1,688	1,742	1,786	-3.1	-2.5	2.6	1,644	1,803	1,818	1,601	2.7
Nondefense communications equipment.....	7,106	6,883	6,745	3.2	2.0	-0.5	6,903	6,835	6,667	6,626	4.2
Defense communications equipment.....	1,534	1,517	1,809	1.1	-16.1	0.3	1,534	1,517	1,809	2,308	-33.5
Audio and video equipment.....	614	605	607	1.5	-0.3	2.5	590	570	563	584	1.0
Electronic components.....	7,282	7,171	7,241	1.5	-1.0	-1.6	7,173	7,231	7,355	6,734	6.5
Nondefense search and navigation equipment.....	3,348	3,338	3,328	0.3	0.3	-1.4	3,308	3,356	3,353	3,105	6.5
Defense search and navigation equipment.....	2,841	2,868	2,810	-0.9	2.1	1.1	2,833	2,955	2,873	2,837	-0.1
Electromedical, measuring and control instruments.....	11,643	11,636	11,669	0.1	-0.3	0.3	11,513	11,810	11,728	11,845	-2.8
Electrical equipment, appliances, and components.....	15,481	15,465	15,415	0.1	0.3	0.3	15,535	15,720	15,616	15,128	2.7
Electric lighting equipment.....	1,736	1,732	1,719	0.2	0.8	1.0	1,777	1,795	1,759	1,682	5.6
Household appliances.....	1,682	1,672	1,689	0.6	-1.0	-2.1	1,680	1,662	1,699	1,834	-8.4
Electrical equipment.....	4,705	4,722	4,726	-0.4	-0.1	1.0	4,671	4,788	4,749	4,606	1.4
Batteries.....	1,054	1,046	1,048	0.8	-0.2	0.3	1,064	1,069	1,073	1,029	3.4
Transportation equipment.....	108,948	108,089	106,675	0.8	1.3	0.0	108,576	109,428	107,419	99,014	9.7
Automobiles.....	2,711	2,613	2,587	3.8	1.0	-7.5	2,549	2,673	2,623	2,239	13.8
Light trucks and utility vehicles.....	2,487	2,596	2,541	-4.2	2.2	4.9	2,399	2,710	2,574	2,277	5.4
Heavy duty trucks.....	1,963	1,911	1,851	2.7	3.2	-5.7	1,950	1,904	1,787	2,080	-6.3
Motor vehicle bodies, parts, and trailers.....	17,402	17,347	17,280	0.3	0.4	-1.0	17,153	17,417	17,424	16,349	4.9
Nondefense aircraft and parts.....	58,390	57,671	56,747	1.2	1.6	0.4	58,641	58,716	57,267	50,917	15.2
Defense aircraft and parts.....	13,221	13,211	13,213	0.1	1.4	1.4	13,233	13,228	12,993	12,894	2.6
Ships and boats.....	3,102	2,984	2,906	4.0	2.7	3.9	3,136	2,921	2,945	2,767	13.3
Furniture and related products.....	6,097	6,123	6,070	-0.4	0.9	2.0	6,252	6,208	6,011	6,208	0.7
Miscellaneous durable goods.....	23,691	23,636	23,565	0.2	0.3	0.0	23,520	23,721	23,502	23,106	1.8
Nondurable goods industries.....	238,188	239,423	241,910	-0.5	-1.0	-1.0	237,224	241,283	244,293	238,290	-0.4
Food products.....	44,915	44,925	44,998	0.0	-0.2	-0.6	43,428	43,574	43,875	43,040	0.9
Grain and oilseed milling.....	5,162	5,047	5,189	2.3	-2.7	-1.4	5,006	4,757	5,142	5,119	-2.2
Dairy products.....	5,796	5,897	5,898	-1.7	0.0	-1.2	5,992	6,119	6,036	6,046	-0.9
Meat, poultry, and seafood products.....	7,691	7,639	7,563	0.7	1.0	-0.9	7,516	7,535	7,475	7,429	1.2
Beverage and tobacco products.....	18,484	18,352	18,368	0.7	-0.1	1.1	17,964	18,165	18,599	16,950	6.0
Beverages.....	14,785	14,658	14,659	0.9	0.0	1.2	14,410	14,566	14,873	13,384	7.7
Tobacco.....	3,699	3,694	3,709	0.1	-0.4	0.6	3,554	3,599	3,726	3,566	-0.3
Textile mills.....	3,411	3,419	3,455	-0.2	-1.0	-0.9	3,431	3,452	3,471	3,509	-2.2
Textile products.....	3,166	3,171	3,194	-0.2	-0.7	-1.0	3,186	3,210	3,208	3,217	-1.0
Apparel.....	2,320	2,281	2,262	1.7	0.8	0.4	2,357	2,231	2,168	2,059	14.5
Leather and allied products.....	843	828	812	1.8	2.0	1.2	850	827	794	799	6.4
Paper products.....	14,380	14,299	14,264	0.6	0.2	0.1	14,220	14,287	14,328	14,115	0.7
Pulp, paper, and paperboard mills.....	6,422	6,343	6,287	1.2	0.9	0.4	6,282	6,334	6,310	6,144	2.2
Paperboard containers.....	4,047	4,040	4,055	0.2	-0.4	-0.4	4,041	4,051	4,096	4,005	0.9
Printing.....	5,304	5,303	5,314	0.0	-0.2	-0.5	5,272	5,252	5,390	5,496	-4.1
Petroleum and coal products.....	51,078	52,261	54,257	-2.3	-3.7	-3.0	51,853	54,696	56,713	52,747	-1.7
Petroleum refineries.....	46,937	48,146	50,193	-2.5	-4.1	-3.2	47,704	50,564	52,681	49,164	-3.0
Chemical products.....	72,722	72,801	73,257	-0.1	-0.6	-0.7	72,917	73,456	73,706	75,031	-2.8
Pesticides, fertilizers, and other agricultural chemicals.....	3,839	3,746	3,736	2.5	0.3	-3.9	3,587	3,579	3,786	3,658	-1.9
Pharmaceuticals and medicines.....	23,900	23,792	23,945	0.5	-0.6	-0.9	24,285	24,068	24,021	25,639	-5.3
Paints, coatings, and adhesives.....	2,901	2,898	2,904	0.1	-0.2	1.6	2,962	2,960	2,982	3,056	-3.1
Plastics and rubber products.....	21,565	21,783	21,729	-1.0	0.2	-0.1	21,746	22,133	22,041	21,327	2.0

^P Preliminary^F Revised data due to late receipts and concurrent seasonal adjustment.¹ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.² Estimates of inventories for the semiconductor industry data are included in computers and electronic products and all other applicable aggregates totals, but are not shown separately.

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						Percent Change ⁶ 2012/2011
	Monthly			Percent Change			Monthly			Year to date			
	June 2012 ^p	May 2012 ^r	Apr. 2012	May - June	Apr. - May	Mar. - Apr.	June 2012 ^p	May 2012 ^r	Apr. 2012	June 2011	2012 ^p	2011	
SHIPMENTS													
All manufacturing industries.....	469,870	475,187	473,660	-1.1	0.3	-0.2	491,877	494,183	475,728	484,956	2,856,552	2,700,722	5.8
Construction materials and supplies....	40,501	41,060	41,261	-1.4	-0.5	-0.2	44,681	44,033	41,275	43,914	243,899	228,341	6.8
Information technology.....	22,027	22,313	21,891	-1.3	1.9	-0.5	24,530	21,552	20,048	24,930	130,273	130,158	0.1
Computers and related products.....	2,836	2,938	2,865	-3.5	2.5	-0.4	3,701	2,437	2,217	4,049	16,533	16,951	-2.5
Motor vehicle and parts.....	43,813	44,231	44,169	-0.9	0.1	6.1	47,121	46,607	43,506	40,954	263,365	231,003	14.0
Capital goods.....	79,098	78,663	77,254	0.6	1.8	-1.5	86,137	78,702	74,360	81,338	466,807	434,672	7.4
Nondefense capital goods ³	70,460	70,167	69,507	0.4	0.9	-0.6	76,902	70,093	66,939	71,826	417,043	378,941	10.1
Excluding aircraft.....	64,588	63,947	63,312	1.0	1.0	-1.5	69,961	63,838	61,449	66,576	381,805	354,119	7.8
Defense capital goods ⁴	8,638	8,496	7,747	1.7	9.7	-9.0	9,235	8,609	7,421	9,512	49,764	55,731	-10.7
Consumer goods.....	200,279	204,136	204,291	-1.9	-0.1	0.3	204,517	213,271	204,856	204,668	1,222,777	1,164,617	5.0
Consumer durable goods.....	35,777	36,018	36,142	-0.7	-0.3	7.1	38,399	37,213	35,385	33,340	212,090	186,721	13.6
Consumer nondurable goods.....	164,502	168,118	168,149	-2.2	0.0	-1.1	166,118	176,058	169,471	171,328	1,010,687	977,896	3.4
NEW ORDERS													
All manufacturing industries ⁵	465,810	467,955	465,752	-0.5	0.5	-0.7	481,647	482,977	463,532	476,842	2,839,948	2,700,370	5.2
Construction materials and supplies....	40,860	41,558	41,207	-1.7	0.9	-0.2	44,527	45,003	41,815	43,526	247,748	233,728	6.0
Information technology.....	22,767	23,525	23,525	-3.2	0.0	1.6	24,673	21,772	21,040	25,282	137,184	130,453	5.2
Computers and related products.....	2,850	2,992	2,862	-4.7	4.5	-2.0	3,715	2,491	2,214	4,082	16,571	16,907	-2.0
Motor vehicle and parts.....	43,845	44,172	44,073	-0.7	0.2	5.7	46,783	46,210	43,354	40,592	262,499	230,527	13.9
Capital goods.....	83,387	78,246	75,827	6.6	3.2	-3.4	86,105	74,558	70,359	83,038	488,727	467,755	4.5
Nondefense capital goods ³	71,611	71,016	69,417	0.8	2.3	-0.9	73,426	69,384	65,065	72,394	437,436	403,354	8.4
Excluding aircraft.....	64,321	65,464	64,011	-1.7	2.3	-1.5	66,835	65,019	62,476	68,186	393,931	374,267	5.3
Defense capital goods ⁴	11,776	7,230	6,410	62.9	12.8	-24.2	12,679	5,174	5,294	10,644	51,291	64,401	-20.4
Consumer goods.....	200,283	204,144	204,331	-1.9	-0.1	0.4	204,197	213,201	204,849	204,364	1,222,792	1,164,696	5.0
Consumer durable goods.....	35,781	36,026	36,182	-0.7	-0.4	7.5	38,079	37,143	35,378	33,036	212,105	186,800	13.5
Consumer nondurable goods.....	164,502	168,118	168,149	-2.2	0.0	-1.1	166,118	176,058	169,471	171,328	1,010,687	977,896	3.4
UNFILLED ORDERS													
All manufacturing industries ⁵	988,072	984,643	984,750	0.3	0.0	-0.1	988,172	991,815	996,978	914,580	(X)	(X)	8.0
Construction materials and supplies....	56,450	56,091	55,593	0.6	0.9	-0.1	57,646	57,800	56,830	56,230	(X)	(X)	2.5
Information technology.....	135,921	135,181	133,969	0.5	0.9	1.2	135,955	135,812	135,592	128,251	(X)	(X)	6.0
Computers and related products.....	1,194	1,180	1,126	1.2	4.8	-0.3	1,194	1,180	1,126	1,220	(X)	(X)	-2.1
Motor vehicle and parts.....	16,631	16,599	16,658	0.2	-0.4	-0.6	16,252	16,590	16,987	16,067	(X)	(X)	1.2
Capital goods.....	751,645	747,356	747,773	0.6	-0.1	-0.2	751,366	751,398	755,542	687,298	(X)	(X)	9.3
Nondefense capital goods ³	585,995	584,844	583,995	0.2	0.1	0.0	584,508	587,984	588,693	517,098	(X)	(X)	13.0
Excluding aircraft.....	245,151	245,418	243,901	-0.1	0.6	0.3	245,533	248,659	247,478	221,258	(X)	(X)	11.0
Defense capital goods ⁴	165,650	162,512	163,778	1.9	-0.8	-0.8	166,858	163,414	166,849	170,200	(X)	(X)	-2.0
Consumer goods.....	3,882	3,878	3,870	0.1	0.2	1.0	3,762	4,082	4,152	3,716	(X)	(X)	1.2
Consumer durable goods.....	3,882	3,878	3,870	0.1	0.2	1.0	3,762	4,082	4,152	3,716	(X)	(X)	1.2
TOTAL INVENTORIES													
All manufacturing industries.....	605,378	604,989	605,878	0.1	-0.1	-0.2	603,561	610,987	610,568	584,344	(X)	(X)	3.3
Construction materials and supplies....	59,064	58,861	58,702	0.3	0.3	0.3	59,119	59,419	59,214	57,604	(X)	(X)	2.6
Information technology.....	39,126	38,959	39,194	0.4	-0.6	0.4	38,670	39,415	39,247	38,886	(X)	(X)	-0.6
Computers and related products.....	3,948	4,033	4,149	-2.1	-2.8	0.2	3,865	4,193	4,104	3,877	(X)	(X)	-0.3
Motor vehicle and parts.....	24,563	24,467	24,259	0.4	0.9	-1.5	24,051	24,704	24,408	22,945	(X)	(X)	4.8
Capital goods.....	189,717	188,231	186,809	0.8	0.8	0.8	189,210	190,683	188,032	174,256	(X)	(X)	8.6
Nondefense capital goods ³	168,856	167,402	166,102	0.9	0.8	0.7	168,433	169,791	167,187	153,370	(X)	(X)	9.8
Excluding aircraft.....	119,955	119,223	118,662	0.6	0.5	0.8	119,092	120,666	119,209	110,662	(X)	(X)	7.6
Defense capital goods ⁴	20,861	20,829	20,707	0.2	0.6	1.7	20,777	20,892	20,845	20,886	(X)	(X)	-0.5
Consumer goods.....	177,908	178,810	180,878	-0.5	-1.1	-1.0	176,357	179,918	182,229	176,249	(X)	(X)	0.1
Consumer durable goods.....	25,069	25,088	24,945	-0.1	0.6	0.1	24,494	25,112	24,763	23,622	(X)	(X)	3.7
Consumer nondurable goods.....	152,839	153,722	155,933	-0.6	-1.4	-1.2	151,863	154,806	157,466	152,627	(X)	(X)	-0.5

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

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

² Topical series are regroupings of the separate industry categories.

³ Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

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

⁵ Estimates and percent changes exclude semiconductor industry data.

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

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change June 12/11
	June 2012 ^P	May 2012 ^r	Apr. 2012	May - June	Apr. - May	Mar. - Apr.	June 2012 ^P	May 2012 ^r	Apr. 2012	June 2011	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	201,077	201,164	202,509	0.0	-0.7	0.5	200,662	202,197	203,630	192,321	4.3
Durable goods industries.....	119,584	119,651	119,583	-0.1	0.1	0.2	118,912	119,904	119,612	112,514	5.7
Wood products.....	3,533	3,507	3,451	0.7	1.6	0.4	3,318	3,239	3,226	3,070	8.1
Nonmetallic mineral products.....	4,719	4,750	4,785	-0.7	-0.7	-0.4	4,720	4,777	4,816	4,455	5.9
Primary metals.....	12,626	12,761	13,039	-1.1	-2.1	-3.1	12,728	12,736	12,994	13,287	-4.2
Fabricated metal products.....	16,897	16,929	16,925	-0.2	0.0	0.6	16,944	16,888	16,871	16,462	2.9
Machinery.....	25,676	25,517	25,221	0.6	1.2	1.3	25,564	25,650	25,335	22,590	13.2
Computers and electronic products.....	17,395	17,333	17,454	0.4	-0.7	0.6	17,182	17,465	17,517	16,077	6.9
Electrical equipment, appliances, and components.....	6,883	6,882	6,830	0.0	0.8	1.1	6,927	7,006	6,908	6,551	5.7
Transportation equipment.....	21,076	21,129	21,073	-0.3	0.3	0.3	20,758	21,213	21,163	19,519	6.3
Furniture and related products.....	2,955	2,941	2,916	0.5	0.9	2.2	2,993	2,962	2,908	2,974	0.6
Miscellaneous products.....	7,824	7,902	7,889	-1.0	0.2	-0.2	7,778	7,968	7,874	7,529	3.3
Nondurable goods industries.....	81,493	81,513	82,926	0.0	-1.7	1.0	81,750	82,293	84,018	79,807	2.4
Food products.....	14,735	14,665	14,564	0.5	0.7	-0.4	14,411	14,363	14,424	14,273	1.0
Beverage and tobacco products.....	4,939	4,927	4,899	0.2	0.6	1.9	4,805	4,907	4,990	4,425	8.6
Textiles.....	1,203	1,199	1,223	0.3	-2.0	-1.0	1,222	1,214	1,232	1,299	-5.9
Textile products.....	1,509	1,525	1,532	-1.0	-0.5	0.4	1,526	1,544	1,536	1,455	4.9
Apparel.....	792	740	716	7.0	3.4	1.6	801	728	712	597	34.2
Leather and allied products.....	266	266	264	0.0	0.8	1.1	267	271	261	272	-1.8
Paper products.....	7,132	7,082	7,062	0.7	0.3	0.2	7,009	7,006	7,069	6,857	2.2
Printing.....	2,464	2,478	2,471	-0.6	0.3	-4.0	2,474	2,449	2,457	2,681	-7.7
Petroleum and coal products.....	17,045	16,773	18,080	1.6	-7.2	3.2	17,672	17,630	18,990	16,152	9.4
Chemical products.....	22,675	22,937	23,240	-1.1	-1.3	0.3	22,841	23,119	23,356	23,381	-2.3
Plastics and rubber products.....	8,733	8,921	8,875	-2.1	0.5	2.7	8,722	9,062	8,991	8,415	3.6
WORK IN PROCESS											
All manufacturing industries.....	186,808	186,573	185,631	0.1	0.5	-1.0	186,053	188,514	187,221	179,871	3.4
Durable goods industries.....	141,806	140,764	140,459	0.7	0.2	0.1	141,961	142,698	141,636	133,947	6.0
Wood products.....	1,480	1,492	1,510	-0.8	-1.2	2.9	1,490	1,517	1,531	1,476	0.9
Nonmetallic mineral products.....	1,343	1,328	1,331	1.1	-0.2	1.6	1,380	1,385	1,392	1,321	4.5
Primary metals.....	11,235	11,230	11,215	0.0	0.1	-1.2	11,487	11,544	11,534	11,261	2.0
Fabricated metal products.....	13,483	13,425	13,440	0.4	-0.1	0.5	13,401	13,516	13,437	12,246	9.4
Machinery.....	16,546	16,503	16,748	0.3	-1.5	1.8	16,266	16,890	16,827	15,556	4.6
Computers and electronic products.....	15,942	15,886	16,439	0.4	-3.4	-1.7	15,974	16,067	16,526	17,633	-9.4
Electrical equipment, appliances, and components.....	3,581	3,575	3,545	0.2	0.8	-0.3	3,574	3,649	3,616	3,465	3.1
Transportation equipment.....	73,817	72,932	71,900	1.2	1.4	0.2	73,962	73,676	72,433	66,824	10.7
Furniture and related products.....	1,031	1,046	1,030	-1.4	1.6	0.8	1,045	1,054	1,027	995	5.0
Miscellaneous products.....	3,348	3,347	3,301	0.0	1.4	1.2	3,382	3,400	3,313	3,170	6.7
Nondurable goods industries.....	45,002	45,809	45,172	-1.8	1.4	-4.2	44,092	45,816	45,585	45,924	-4.0
Food products.....	4,021	4,033	3,970	-0.3	1.6	1.2	3,511	3,499	3,557	3,316	5.9
Beverage and tobacco products.....	5,864	5,850	5,906	0.2	-0.9	0.3	5,481	5,695	5,897	5,382	1.8
Textiles.....	764	771	778	-0.9	-0.9	-0.9	766	784	778	784	-2.3
Textile products.....	417	414	412	0.7	0.5	-4.2	413	419	417	438	-5.7
Apparel.....	370	373	369	-0.8	1.1	-1.3	390	380	368	384	1.6
Leather and allied products.....	123	122	121	0.8	0.8	0.8	120	122	120	109	10.1
Paper products.....	1,287	1,301	1,298	-1.1	0.2	-1.0	1,284	1,298	1,294	1,356	-5.3
Printing.....	1,208	1,206	1,216	0.2	-0.8	1.5	1,127	1,137	1,248	1,227	-8.1
Petroleum and coal products.....	13,300	14,174	13,598	-6.2	4.2	-10.6	13,242	14,697	14,387	14,797	-10.5
Chemical products.....	15,343	15,254	15,272	0.6	-0.1	-2.6	15,469	15,464	15,255	15,889	-2.6
Plastics and rubber products.....	2,305	2,311	2,232	-0.3	3.5	0.5	2,289	2,321	2,264	2,242	2.1
FINISHED GOODS											
All manufacturing industries.....	217,493	217,252	217,738	0.1	-0.2	-0.3	216,846	220,276	219,717	212,152	2.2
Durable goods industries.....	105,800	105,151	103,926	0.6	1.2	0.6	105,464	107,102	105,027	99,593	5.9
Wood products.....	3,837	3,791	3,808	1.2	-0.4	-0.5	3,854	3,871	3,915	3,800	1.4
Nonmetallic mineral products.....	5,527	5,495	5,503	0.6	-0.1	0.3	5,599	5,663	5,710	5,325	5.1
Primary metals.....	10,516	10,429	10,257	0.8	1.7	0.0	10,592	10,741	10,501	10,261	3.2
Fabricated metal products.....	15,691	15,619	15,529	0.5	0.6	0.1	15,884	15,880	15,783	15,996	-0.7
Machinery.....	23,827	23,658	23,247	0.7	1.8	1.9	23,622	24,032	23,656	20,037	17.9
Computers and electronic products.....	12,700	12,600	12,341	0.8	2.1	2.4	12,449	12,766	12,156	11,745	6.0
Electrical equipment, appliances, and components.....	5,017	5,008	5,040	0.2	-0.6	-0.2	5,034	5,065	5,092	5,112	-1.5
Transportation equipment.....	14,055	14,028	13,702	0.2	2.4	-1.1	13,856	14,539	13,823	12,671	9.4
Furniture and related products.....	2,111	2,136	2,124	-1.2	0.6	2.4	2,214	2,192	2,076	2,239	-1.1
Miscellaneous products.....	12,519	12,387	12,375	1.1	0.1	-0.1	12,360	12,353	12,315	12,407	-0.4
Nondurable goods industries.....	111,693	112,101	113,812	-0.4	-1.5	-1.0	111,382	113,174	114,690	112,559	-1.0
Food products.....	26,159	26,227	26,464	-0.3	-0.9	-0.9	25,506	25,712	25,894	25,451	0.2
Beverage and tobacco products.....	7,681	7,575	7,563	1.4	0.2	1.2	7,678	7,563	7,712	7,143	7.5
Textiles.....	1,444	1,449	1,454	-0.3	-0.3	-1.0	1,443	1,454	1,461	1,426	1.2
Textile products.....	1,240	1,232	1,250	0.6	-1.4	-1.5	1,247	1,247	1,255	1,324	-5.8
Apparel.....	1,158	1,168	1,177	-0.9	-0.8	0.3	1,166	1,123	1,088	1,078	8.2
Leather and allied products.....	454	440	427	3.2	3.0	1.4	463	434	413	418	10.8
Paper products.....	5,961	5,916	5,904	0.8	0.2	0.2	5,927	5,983	5,965	5,902	0.4
Printing.....	1,632	1,619	1,627	0.8	-0.5	3.6	1,671	1,666	1,685	1,588	5.2
Petroleum and coal products.....	20,733	21,314	22,579	-2.7	-5.6	-2.6	20,939	22,369	23,336	21,798	-3.9
Chemical products.....	34,704	34,610	34,745	0.3	-0.4	-0.6	34,607	34,873	35,095	35,761	-3.2
Plastics and rubber products.....	10,527	10,551	10,622	-0.2	-0.7	-2.5	10,735	10,750	10,786	10,670	0.6

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

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

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

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

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Jun 2012 ^p	May 2012 ^r	Apr 2012	Mar 2012	Jun 2012 ^p	May 2012 ^r	Apr 2012	Mar 2012
All manufacturing industries ²	1.29	1.27	1.28	1.28	(X)	(X)	(X)	(X)
Durable goods industries ²	1.63	1.62	1.64	1.64	6.27	6.24	6.33	6.29
Wood products.....	1.46	1.44	1.45	1.45	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.44	1.42	1.44	1.45	(X)	(X)	(X)	(X)
Primary metals.....	1.22	1.21	1.21	1.24	1.19	1.21	1.24	1.25
Fabricated metal products.....	1.68	1.67	1.67	1.66	3.12	3.09	3.06	3.05
Machinery.....	2.01	2.06	2.07	1.97	4.55	4.77	4.88	4.78
Computers and electronic products ²	1.59	1.58	1.66	1.68	7.17	7.00	7.07	6.97
Electrical equipment, appliances, and components.....	1.55	1.54	1.55	1.53	2.42	2.40	2.41	2.37
Transportation equipment.....	1.70	1.66	1.67	1.72	14.67	14.36	14.78	14.69
Furniture and related products.....	1.15	1.15	1.13	1.11	1.38	1.36	1.36	1.38
Miscellaneous products.....	1.72	1.72	1.73	1.71	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.97	0.96	0.96	0.96	(X)	(X)	(X)	(X)
Food products.....	0.75	0.74	0.75	0.76	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.52	1.41	1.47	1.50	(X)	(X)	(X)	(X)
Textiles.....	1.40	1.37	1.40	1.40	(X)	(X)	(X)	(X)
Textile products.....	1.64	1.62	1.63	1.65	(X)	(X)	(X)	(X)
Apparel.....	1.88	1.86	1.81	1.81	(X)	(X)	(X)	(X)
Leather and allied products.....	1.85	1.71	1.72	1.74	(X)	(X)	(X)	(X)
Paper products.....	1.04	1.03	1.02	1.02	(X)	(X)	(X)	(X)
Printing.....	0.77	0.75	0.79	0.80	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.76	0.75	0.77	0.77	(X)	(X)	(X)	(X)
Chemical products.....	1.19	1.16	1.15	1.15	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.24	1.25	1.23	1.23	(X)	(X)	(X)	(X)

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

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

² Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes³**[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]**

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Jun ¹	Jun ²	Jun ¹	Jun ²	Jun ¹	Jun ²	Jun ¹	Jun ²
	2012	2011- May 2012	2012	2011- May 2012	2012	2011- May 2012	2012	2011- May 2012
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.1	(X)	0.1
Durable goods industries.....	-0.2	0.2	-0.3	0.4	-0.1	0.1	0.1	0.1
Wood products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Nonmetallic mineral products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	-0.5	0.8	-0.4	1.5	-0.1	0.7	0.1	0.5
Fabricated metal products.....	-0.2	0.3	-0.2	0.7	0.0	0.3	0.0	0.2
Machinery.....	-0.1	0.9	-1.0	1.5	-0.3	0.3	0.0	0.1
Computers and electronic products.....	-0.3	0.6	0.5	1.0	0.1	0.2	0.7	0.2
Electrical equipment, appliances, and components.....	0.4	0.5	-0.7	1.0	-0.7	0.4	0.0	0.4
Transportation equipment.....	-0.1	0.5	0.0	1.1	0.0	0.1	0.1	0.2
Furniture and related products.....	(X)	0.4	(X)	0.7	(X)	0.7	(X)	0.3
Miscellaneous products.....	(X)	0.7	(X)	0.7	(X)	0.4	(X)	0.4
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)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Textile products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.2	(X)	(NA)	(X)	(NA)	(X)	0.7
Leather and allied products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.4
Paper products.....	(X)	0.1	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.5
Petroleum and coal products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.5
Chemical products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4

X Not Applicable

NA Not Available

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

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

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

Survey Description

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

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

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

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders Survey

