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Chris Savage or Jessica Young
Manufacturing and Construction Division
(301) 763-4832

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Full Report on Manufacturers' Shipments, Inventories and Orders June 2010

Summary

New orders for manufactured goods in June, down two consecutive months, decreased \$5.1 billion or 1.2 percent to \$406.4 billion, the U.S. Census Bureau reported today. This followed a 1.8 percent May decrease. Excluding transportation, new orders decreased 1.1 percent.

Shipments, also down two consecutive months, decreased \$3.5 billion or 0.8 percent to \$411.2 billion. This followed a 1.8 percent May decrease.

Unfilled orders, down slightly following two consecutive monthly increases, decreased \$0.3 billion to \$802.8 billion. This followed a 0.3 percent May increase. The unfilled orders-to-shipments ratio was 5.60, down from 5.61 in May.

Inventories, down two consecutive months, decreased \$0.5 billion or 0.1 percent to \$520.0 billion. This followed a 0.4 percent May decrease. The inventories-to-shipments ratio was unchanged at 1.26.

New Orders

New orders for manufactured durable goods in June, down two consecutive months, decreased \$2.3 billion or 1.2 percent to \$190.4 billion, revised from the previously published 1.0 percent decrease. This followed a 0.7 percent May decrease.

Transportation equipment, down four of the last five months, had the largest decrease, \$0.9 billion or 2.0 percent to \$46.1 billion.

New orders for manufactured nondurable goods decreased \$2.8 billion or 1.3 percent to \$216.1 billion.

Shipments

Shipments of manufactured durable goods in June, down two consecutive months, decreased \$0.7 billion or 0.3 percent to \$195.1 billion, unchanged from the previously published decrease. This followed a 0.7 percent May decrease.

Computers and electronic products, down four of the last five months, had the largest decrease, \$1.3 billion or 3.9 percent to \$31.4 billion.

Shipments of manufactured nondurable goods, down three consecutive months, decreased \$2.8 billion or 1.3 percent to \$216.1 billion. This followed a 2.7 percent May decrease. Petroleum and coal products, down four of the last five months, led the decrease, down \$2.0 billion or 3.9 percent to \$49.3 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in June, down slightly following two consecutive monthly increases, decreased \$0.3 billion to \$802.8 billion, unchanged from the previously published decrease. This followed a 0.3 percent May increase.

Transportation equipment, down three of the last four months, had the largest decrease, \$2.6 billion or 0.5 percent to \$476.9 billion.

Inventories

Inventories of manufactured durable goods in June, up six consecutive months, increased \$3.2 billion or 1.1 percent to \$308.8 billion, revised from the previously published 0.9 percent increase. This followed a 1.2 percent May increase.

Computers and electronic products, up five consecutive months, had the largest increase, \$1.1 billion or 2.5 percent to \$45.2 billion.

Inventories of manufactured nondurable goods, down two consecutive months, decreased \$3.7 billion or 1.7 percent to \$211.2 billion. This followed a 2.5 percent May decrease. Petroleum and coal products led the decrease, down \$3.5 billion or 8.6 percent to \$37.5 billion.

By stage of fabrication, June materials and supplies increased 1.5 percent in durable goods and decreased 1.3 percent in nondurable goods. Work in process increased 1.1 percent in durable goods and decreased 2.3 percent in nondurable goods. Finished goods increased 0.6 percent in durable goods and decreased 1.7 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 25, 2010, at 8:30 a.m. EDT and the full report on September 2, 2010, 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 2010 ^p	May 2010 ^r	Apr. 2010	May - June	Apr. - May	Mar. - Apr.	June 2010 ^p	May 2010 ^r	Apr. 2010	June 2009	2010 ^p	2009	Percent 2010/2009
All manufacturing industries.....	411,177	414,648	422,133	-0.8	-1.8	0.6	437,210	419,566	421,339	401,828	2,464,185	2,230,063	10.5
Excluding transportation.....	362,490	367,330	373,725	-1.3	-1.7	0.6	384,075	373,119	374,263	352,208	2,174,857	1,951,098	11.5
Excluding defense.....	398,885	402,314	408,885	-0.9	-1.6	0.7	424,113	407,362	408,788	386,939	2,386,206	2,153,299	10.8
With unfilled orders.....	143,372	143,024	143,344	0.2	-0.2	0.5	155,532	142,305	140,586	141,117	844,212	781,193	8.1
Durable goods industries.....	195,123	195,799	197,099	-0.3	-0.7	2.0	210,168	194,897	196,569	190,408	1,156,669	1,072,084	7.9
Wood products.....	6,676	7,170	7,279	-6.9	-1.5	4.7	7,463	7,587	7,463	7,279	40,720	37,987	7.2
Nonmetallic mineral products.....	8,351	8,348	8,311	0.0	0.4	1.5	9,173	8,558	8,516	8,651	47,708	46,543	2.5
Primary metals.....	19,743	20,105	20,043	-1.8	0.3	0.2	21,287	20,690	20,676	14,379	118,557	86,252	37.5
Iron and steel mills.....	9,681	9,877	9,704	-2.0	1.8	0.9	10,596	10,161	9,846	6,069	56,835	37,840	50.2
Aluminum and nonferrous metals.....	8,880	9,046	9,158	-1.8	-1.2	-0.2	9,349	9,281	9,620	7,226	54,585	42,029	29.9
Ferrous metal foundries.....	1,182	1,182	1,181	0.0	0.1	-1.2	1,342	1,248	1,210	1,084	7,137	6,383	11.8
Fabricated metal products.....	27,463	27,631	27,556	-0.6	0.3	1.7	29,181	28,059	27,461	26,855	161,141	153,882	4.7
Machinery.....	25,094	24,817	24,034	1.1	3.3	-1.4	27,142	25,407	25,015	24,769	146,702	142,460	3.0
Farm machinery.....	2,006	2,176	1,999	-7.8	8.9	10.6	1,994	2,493	2,618	1,973	13,120	13,189	-0.5
Construction machinery.....	2,381	2,350	2,238	1.3	5.0	5.6	2,612	2,451	2,281	1,786	13,136	11,594	13.3
Mining, oil field, and gas field machinery.....	1,337	1,364	1,401	-2.0	-2.6	-11.3	1,292	1,292	1,257	1,507	8,526	10,177	-16.2
Industrial machinery.....	2,683	2,940	2,604	-8.7	12.9	-11.4	2,987	2,949	2,655	2,560	16,349	13,974	17.0
Photographic equipment.....	785	763	761	2.9	0.3	-4.0	808	702	706	730	4,314	4,067	6.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,610	2,579	2,653	1.2	-2.8	6.3	3,336	2,667	2,482	3,525	15,128	16,185	-6.5
Metalworking machinery.....	1,891	1,831	1,740	3.3	5.2	1.0	2,064	1,740	1,693	1,636	10,497	10,215	2.8
Turbines, generators, and other power transmission equipment.....	3,680	3,089	2,790	19.1	10.7	-12.8	3,799	3,194	2,970	3,276	18,095	17,681	2.3
Material handling equipment.....	1,555	1,607	1,573	-3.2	2.2	0.3	1,658	1,584	1,540	1,560	9,494	9,188	3.3
Computers and electronic products ²	31,380	32,664	33,653	-3.9	-2.9	9.1	32,941	30,570	32,859	30,554	188,341	167,529	12.4
Computers.....	4,437	4,214	4,211	5.3	0.1	-4.0	4,691	3,765	3,787	4,171	23,911	21,270	12.4
Computer storage devices.....	645	674	766	-4.3	-12.0	29.6	993	495	472	908	3,874	3,095	25.2
Other peripheral equipment.....	1,097	1,093	1,079	0.4	1.3	5.5	1,415	985	891	1,392	5,992	5,891	1.7
Nondefense communications equipment.....	2,936	3,136	3,253	-6.4	-3.6	-0.1	3,552	2,928	2,571	4,144	17,853	17,559	1.7
Defense communications equipment.....	530	558	632	-5.0	-11.7	23.9	523	558	632	579	3,195	3,323	-3.9
Audio and video equipment.....	400	404	387	-1.0	4.4	-4.9	339	357	300	334	2,090	2,020	3.5
Electronic components.....	3,754	3,887	3,994	-3.4	-2.7	4.8	4,148	3,776	3,634	3,783	22,594	19,779	14.2
Nondefense search and navigation equipment.....	1,070	1,009	1,000	6.0	0.9	-9.7	1,185	985	924	1,134	6,298	6,219	1.3
Defense search and navigation equipment.....	2,964	3,072	3,033	-3.5	1.3	-3.7	3,062	3,080	2,895	3,284	18,215	17,845	2.1
Electromedical, measuring, and control instruments.....	8,553	8,862	8,683	-3.5	2.1	7.8	9,274	8,122	7,881	8,010	49,888	41,830	19.3
Electrical equipment, appliances, and components.....	9,523	9,445	9,529	0.8	-0.9	1.4	10,388	9,464	9,654	9,567	55,913	53,566	4.4
Electric lighting equipment.....	1,170	1,173	1,180	-0.3	-0.6	2.8	1,200	1,157	1,146	1,130	6,875	6,583	4.4
Household appliances.....	1,649	1,639	1,786	0.6	-8.2	3.2	1,829	1,675	1,879	1,798	10,049	9,770	2.9
Electrical equipment.....	3,150	3,110	2,966	1.3	4.9	2.3	3,647	3,183	2,983	3,115	18,191	17,247	5.5
Batteries.....	751	751	765	0.0	-1.8	-1.2	759	664	699	739	4,123	3,774	9.2
Transportation equipment.....	48,687	47,318	48,408	2.9	-2.3	0.3	53,135	46,447	47,076	49,620	289,328	278,965	3.7
Automobiles.....	5,997	5,778	5,800	3.8	-0.4	3.4	6,407	5,570	5,635	4,859	34,679	28,179	23.1
Light trucks and utility vehicles.....	5,552	5,256	5,145	5.6	2.2	-2.1	6,012	5,146	5,035	4,558	32,190	35,305	-8.8
Heavy duty trucks.....	1,549	1,495	1,557	3.6	-4.0	-5.8	1,566	1,287	1,618	1,345	9,538	7,604	25.4
Motor vehicle bodies, parts, and trailers.....	17,567	17,254	16,822	1.8	2.6	3.5	18,613	17,182	17,055	15,695	101,422	87,138	16.4
Nondefense aircraft and parts.....	6,561	6,193	6,925	5.9	-10.6	-0.7	8,130	5,960	6,224	8,988	39,715	47,613	-16.6
Defense aircraft and parts.....	5,245	5,037	5,594	4.1	-10.0	-2.8	5,807	4,855	5,149	6,523	32,173	30,646	5.0
Ships and boats.....	2,138	2,139	2,247	0.0	-4.8	-6.6	2,248	2,315	2,279	2,210	13,540	13,168	2.8
Furniture and related products.....	5,622	5,604	5,485	0.3	2.2	-1.2	5,792	5,579	5,339	5,555	32,654	32,508	0.4
Miscellaneous durable goods.....	12,584	12,697	12,801	-0.9	-0.8	1.4	13,666	12,536	12,510	13,179	75,605	72,392	4.4
Nondurable goods industries.....	216,054	218,849	225,034	-1.3	-2.7	-0.6	227,042	224,669	224,770	211,420	1,307,516	1,157,979	12.9
Food products.....	54,746	55,066	55,099	-0.6	-0.1	-0.8	55,240	54,057	52,936	53,200	323,923	311,046	4.1
Grain and oilseed milling.....	7,383	7,611	7,834	-3.0	-2.8	-4.4	7,284	6,937	7,204	8,231	45,799	44,916	2.0
Dairy products.....	7,365	7,469	7,493	-1.4	-0.3	-0.8	7,527	7,497	7,180	6,776	43,612	41,708	4.6
Meat, poultry, and seafood products.....	15,535	15,705	15,641	-1.1	0.4	0.1	16,216	15,953	15,338	14,718	92,767	85,159	8.9
Beverage and tobacco products.....	10,850	10,519	10,589	3.1	-0.7	1.4	11,374	11,290	10,545	10,629	61,723	59,841	3.1
Beverages.....	7,602	7,570	7,611	0.4	-0.5	3.0	8,126	8,341	7,567	7,450	44,188	42,074	5.0
Tobacco.....	3,248	2,949	2,978	10.1	-1.0	-2.5	3,248	2,949	2,978	3,179	17,535	17,767	-1.3
Textile mills.....	2,402	2,396	2,347	0.3	2.1	-0.2	2,527	2,442	2,384	2,176	14,177	12,462	13.8
Textile products.....	1,879	1,919	1,912	-2.1	0.4	0.2	1,991	2,001	1,947	1,880	11,387	10,965	3.8
Apparel.....	1,290	1,313	1,300	-1.8	1.0	0.1	1,280	1,266	1,218	1,240	7,435	7,539	-1.4
Leather and allied products.....	405	409	408	-1.0	0.2	2.0	436	371	384	450	2,378	2,448	-2.9
Paper products.....	13,978	14,105	14,066	-0.9	0.3	-0.5	14,567	14,189	13,776	13,868	83,223	80,184	3.8
Pulp, paper, and paperboard mills.....	6,597	6,610	6,567	-0.2	0.7	-0.3	6,830	6,602	6,444	6,326	38,883	36,992	5.1
Paperboard containers.....	3,924	3,954	3,875	-0.8	2.0	-2.7	4,105	3,993	3,852	3,889	23,269	22,620	2.9
Printing.....	7,238	7,360	7,321	-1.7	0.5	2.1	7,217	7,303	7,355	7,051	42,250	42,884	-1.5
Petroleum and coal products.....	49,250	51,271	56,093	-3.9	-8.6	-2.7	53,854	55,848	56,133	47,762	312,311	219,070	42.6
Petroleum refineries.....	46,180	47,952	52,842	-3.7	-9.3	-3.0	50,202	52,387	53,056	44,452	294,446	203,039	45.0
Chemical products.....	58,631	58,976	60,144	-0.6	-1.9	0.5	61,878	59,913	62,184	57,642	356,150	325,321	9.5
Pesticides, fertilizers, and other agricultural chemicals.....	3,682	3,424	3,794	7.5	-9.8	1.3	4,040	4,440	5,951	2,969	26,311	18,845	39.6
Pharmaceuticals and medicines.....	15,533	15,468	15,377	0.4	0.6	-0.4	15,987	15,201	15,219	16,035	91,370	94,919	-3.7
Paints, coatings, and adhesives.....	2,678	2,599	2,646	3.0	-1.8	0.0	2,965	2,811	2,916	2,837	15,886	15,374	3.3
Plastics and rubber products.....	15,385	15,515	15,755	-0.8	-1.5	0.1	16,678	15,989	15,908	15,522	92,559	86,219	7.4

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

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

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly			Year to date			
	June 2010 ^P	May 2010 ^F	Apr. 2010	May - June	Apr. - May	Mar. - Apr.	June 2010 ^P	May 2010 ^F	Apr. 2010	June 2009	2010 ^P	2009	Percent 2010/2009
All manufacturing industries ²	406,405	411,469	419,055	-1.2	-1.8	1.0	430,914	413,250	415,131	387,377	2,443,700	2,133,075	14.6
Excluding transportation ²	360,300	364,445	368,686	-1.1	-1.2	-0.7	381,602	369,742	368,150	346,096	2,160,840	1,898,346	13.8
Excluding defense ²	394,241	398,747	406,036	-1.1	-1.8	1.1	418,324	402,290	404,111	375,036	2,364,777	2,060,099	14.8
With unfilled orders ²	143,086	145,154	146,423	-1.4	-0.9	3.2	152,500	141,116	142,459	129,396	855,635	710,063	20.5
Durable goods industries ²	190,351	192,620	194,021	-1.2	-0.7	2.9	203,872	188,581	190,361	175,957	1,136,184	975,096	16.5
Primary metals.....	19,586	20,065	20,155	-2.4	-0.4	0.0	21,160	20,858	20,508	15,074	120,864	82,126	47.2
Iron and steel mills.....	9,515	9,848	9,709	-3.4	1.4	1.5	10,573	10,406	9,654	6,892	58,686	35,710	64.3
Aluminum and nonferrous metals.....	8,878	9,029	9,216	-1.7	-2.0	-1.5	9,264	9,201	9,605	7,117	54,878	40,598	35.2
Ferrous metal foundries.....	1,193	1,188	1,230	0.4	-3.4	0.0	1,323	1,251	1,249	1,065	7,300	5,818	25.5
Fabricated metal products.....	27,421	27,046	27,701	1.4	-2.4	0.5	28,370	27,925	28,010	24,848	163,644	147,059	11.3
Machinery.....	26,701	27,209	24,484	-1.9	11.1	-6.9	28,092	27,132	26,057	23,485	154,361	129,986	18.8
Construction machinery.....	2,182	2,842	2,352	-23.2	20.8	-6.5	2,079	2,972	2,367	1,145	13,528	6,660	103.1
Mining, oil field, and gas field machinery.....	1,718	1,551	1,069	10.8	45.1	-35.5	1,624	1,490	932	1,294	8,505	8,247	3.1
Industrial machinery.....	3,014	2,872	2,535	4.9	13.3	-21.8	3,146	2,631	2,814	2,341	17,127	10,676	60.4
Photographic equipment.....	807	791	789	2.0	0.3	0.1	794	702	745	686	4,400	4,046	8.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,180	2,787	2,739	14.1	1.8	-12.2	4,037	2,803	2,883	3,824	18,080	18,364	-1.5
Metalworking machinery.....	1,856	1,717	1,738	8.1	-1.2	0.9	1,969	1,607	1,742	1,522	10,386	9,011	15.3
Turbines, generators, and other power transmission equipment.....	3,775	4,375	3,135	-13.7	39.6	-3.7	3,849	4,395	3,311	2,966	19,365	16,397	18.1
Material handling equipment.....	1,586	1,697	1,681	-6.5	1.0	-1.4	1,722	1,613	1,620	1,546	10,062	8,293	21.3
Computers and electronic products ²	27,273	27,733	27,661	-1.7	0.3	2.1	29,872	24,856	24,761	27,609	156,638	140,083	11.8
Computers.....	4,728	4,509	4,160	4.9	8.4	-12.6	4,982	4,060	4,120	4,125	24,225	20,315	19.2
Nondefense communications equipment.....	2,868	2,558	3,022	12.1	-15.4	8.4	3,161	2,129	2,775	3,955	16,411	17,867	-8.1
Defense communications equipment.....	368	624	590	-41.0	5.8	-5.0	434	544	493	409	3,535	3,689	-4.2
Electronic components.....	3,758	4,024	4,177	-6.6	-3.7	6.4	4,116	3,847	3,803	3,856	23,502	19,579	20.0
Nondefense search and navigation equipment.....	1,070	1,022	1,072	4.7	-4.7	-2.4	1,134	914	950	960	6,152	5,558	10.7
Defense search and navigation equipment.....	3,101	3,348	3,239	-7.4	3.4	5.7	3,197	3,019	2,918	3,182	18,012	18,707	-3.7
Electromedical, measuring, and control instruments.....	8,730	9,031	8,711	-3.3	3.7	4.1	9,606	8,114	7,632	8,019	50,322	40,522	24.2
Electrical equipment, appliances, and components.....	10,121	9,714	9,758	4.2	-0.5	-6.1	11,035	9,795	9,980	9,082	59,513	52,067	14.3
Electric lighting equipment.....	1,123	1,208	1,336	-7.0	-9.6	7.2	1,328	1,208	1,326	1,029	7,243	6,371	13.7
Household appliances.....	1,634	1,671	1,786	-2.2	-6.4	2.6	1,743	1,718	1,860	1,706	10,147	9,801	3.5
Electrical equipment.....	3,514	3,229	3,068	8.8	5.2	-7.8	4,013	3,330	3,218	2,996	20,115	16,133	24.7
Transportation equipment.....	46,105	47,024	50,369	-2.0	-6.6	15.4	49,312	43,508	46,981	41,281	282,860	234,729	20.5
Motor vehicle bodies, parts, and trailers.....	17,379	17,196	16,732	1.1	2.8	3.7	18,204	17,019	17,019	15,357	100,512	85,953	16.9
Nondefense aircraft and parts.....	5,273	7,084	10,144	-25.6	-30.2	215.7	6,155	5,503	8,274	4,327	38,203	16,341	133.8
Defense aircraft and parts.....	5,335	5,011	5,283	6.5	-5.1	-4.0	5,941	4,272	4,403	7,345	32,794	31,021	5.7
Ships and boats.....	1,775	1,584	1,895	12.1	-16.4	-9.6	1,681	1,395	1,683	1,477	11,992	9,304	28.9
Furniture and related products.....	5,591	5,674	5,520	-1.5	2.8	-1.3	5,787	5,886	5,593	5,442	33,918	33,194	2.2
Nondurable goods industries.....	216,054	218,849	225,034	-1.3	-2.7	-0.6	227,042	224,669	224,770	211,420	1,307,516	1,157,979	12.9

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

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

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

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change June 10/09
	June 2010 ^p	May 2010 ^r	Apr. 2010	May - June	Apr. - May	Mar. - Apr.	June 2010 ^p	May 2010 ^r	Apr. 2010	June 2009	
All manufacturing industries ²	802,792	803,078	800,948	0.0	0.3	0.4	804,109	807,141	808,330	821,520	-2.1
Excluding transportation ²	325,860	323,564	321,140	0.7	0.8	0.3	327,620	326,829	325,079	315,797	3.7
Excluding defense ²	649,400	649,558	647,816	0.0	0.3	0.5	649,613	652,138	652,083	656,994	-1.1
Durable goods industries ²	802,792	803,078	800,948	0.0	0.3	0.4	804,109	807,141	808,330	821,520	-2.1
Primary metals.....	18,424	18,581	18,621	-0.8	-0.2	0.6	18,678	18,805	18,637	15,810	18.1
Iron and steel mills.....	10,337	10,503	10,532	-1.6	-0.3	0.0	10,620	10,643	10,398	8,659	22.6
Aluminum and nonferrous metals.....	6,073	6,075	6,092	0.0	-0.3	1.0	6,052	6,137	6,217	5,293	14.3
Ferrous metal foundries.....	2,014	2,003	1,997	0.5	0.3	2.5	2,006	2,025	2,022	1,858	8.0
Fabricated metal products.....	53,688	53,730	54,315	-0.1	-1.1	0.3	54,577	55,388	55,522	55,290	-1.3
Machinery.....	95,097	93,490	91,098	1.7	2.6	0.5	94,825	93,875	92,150	87,984	7.8
Construction machinery.....	9,869	10,068	9,576	-2.0	5.1	1.2	9,808	10,341	9,820	10,285	-4.6
Mining, oil field, and gas field machinery.....	6,129	5,748	5,561	6.6	3.4	-5.6	6,043	5,711	5,513	6,914	-12.6
Industrial machinery.....	11,846	11,515	11,583	2.9	-0.6	-0.6	11,769	11,610	11,928	11,316	4.0
Photographic equipment.....	2,548	2,526	2,498	0.9	1.1	1.1	2,521	2,535	2,535	2,439	3.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	21,233	20,663	20,455	2.8	1.0	0.4	21,260	20,559	20,423	16,620	27.9
Metalworking machinery.....	6,268	6,303	6,417	-0.6	-1.8	0.0	6,252	6,347	6,480	6,529	-4.2
Turbines, generators, and other power transmission equipment.....	14,113	14,018	12,732	0.7	10.1	2.8	14,083	14,033	12,832	12,174	15.7
Material handling equipment.....	7,362	7,331	7,241	0.4	1.2	1.5	7,467	7,403	7,374	7,411	0.8
Computers and electronic products ²	121,569	121,190	120,812	0.3	0.3	0.1	121,714	121,519	122,106	123,257	-1.3
Computers.....	5,685	5,394	5,099	5.4	5.8	-1.0	5,685	5,394	5,099	4,563	24.6
Nondefense communications equipment.....	21,490	21,558	22,136	-0.3	-2.6	-1.0	21,337	21,728	22,527	22,555	-5.4
Defense communications equipment.....	6,178	6,340	6,274	-2.6	1.1	-0.7	6,335	6,424	6,438	6,631	-4.5
Electronic components.....	11,676	11,672	11,535	0.0	1.2	1.6	11,601	11,633	11,562	9,646	20.3
Nondefense search and navigation equipment.....	8,303	8,303	8,290	0.0	0.2	0.9	8,228	8,279	8,350	9,195	-10.5
Defense search and navigation equipment.....	39,115	38,978	38,702	0.4	0.7	0.5	39,383	39,248	39,309	42,036	-6.3
Electromedical, measuring, and control instruments.....	29,122	28,945	28,776	0.6	0.6	0.1	29,145	28,813	28,821	28,631	1.8
Electrical equipment, appliances, and components.....	24,379	23,781	23,512	2.5	1.1	1.0	24,701	24,054	23,723	21,790	13.4
Electric lighting equipment.....	2,310	2,357	2,322	-2.0	1.5	7.2	2,493	2,365	2,314	2,096	18.9
Household appliances.....	539	554	522	-2.7	6.1	0.0	488	574	531	357	36.7
Electrical equipment.....	15,386	15,022	14,903	2.4	0.8	0.7	15,484	15,118	14,971	14,192	9.1
Transportation equipment.....	476,932	479,514	479,808	-0.5	-0.1	0.4	476,489	480,312	483,251	505,723	-5.8
Motor vehicle bodies, parts, and trailers.....	13,901	14,089	14,147	-1.3	-0.4	-0.6	13,738	14,147	14,310	15,043	-8.7
Nondefense aircraft and parts.....	322,912	324,200	323,309	-0.4	0.3	1.0	322,053	324,028	324,485	334,746	-3.8
Defense aircraft and parts.....	47,940	47,850	47,876	0.2	-0.1	-0.6	48,369	48,235	48,818	51,408	-5.9
Ships and boats.....	16,896	17,259	17,814	-2.1	-3.1	-1.9	16,830	17,397	18,317	21,495	-21.7
Furniture and related products.....	6,732	6,763	6,693	-0.5	1.0	0.5	7,154	7,159	6,852	6,808	5.1

^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					Percent Change June 10/09
	Monthly			Percent Change			Monthly					
	June 2010 ^p	May 2010 ^f	Apr. 2010	May - June	Apr. - May	Mar. - Apr.	June 2010 ^p	May 2010 ^f	Apr. 2010	June 2009		
All manufacturing industries.....	519,999	520,464	522,387	-0.1	-0.4	0.6	520,280	523,793	522,174	516,419	0.7	
Excluding transportation.....	439,913	441,291	443,895	-0.3	-0.6	0.7	440,437	443,457	442,527	438,569	0.4	
Excluding defense.....	496,867	497,378	499,127	-0.1	-0.4	0.7	497,220	500,668	498,811	493,539	0.7	
With unfilled orders.....	250,762	248,014	245,221	1.1	1.1	1.0	249,442	249,887	246,772	245,675	1.5	
Durable goods industries.....	308,824	305,591	301,985	1.1	1.2	0.8	307,198	307,880	303,855	305,432	0.6	
Wood products.....	9,006	8,968	8,830	0.4	1.6	-0.2	8,808	8,766	8,699	8,698	1.3	
Nonmetallic mineral products.....	11,165	11,151	11,148	0.1	0.0	-1.0	11,246	11,408	11,422	12,299	-8.6	
Primary metals.....	30,907	30,669	29,786	0.8	3.0	3.9	30,638	30,624	29,535	27,389	11.9	
Iron and steel mills.....	18,751	18,415	17,581	1.8	4.7	5.7	18,473	18,275	17,232	15,874	16.4	
Aluminum and nonferrous metals.....	10,345	10,483	10,450	-1.3	0.3	1.3	10,375	10,574	10,517	9,697	7.0	
Ferrrous metal foundries.....	1,811	1,771	1,755	2.3	0.9	1.9	1,790	1,775	1,786	1,818	-1.5	
Fabricated metal products.....	41,670	41,188	40,858	1.2	0.8	0.6	41,515	41,232	41,154	41,169	0.8	
Machinery.....	50,079	50,000	49,583	0.2	0.8	0.5	49,762	50,391	49,954	52,804	-5.8	
Farm machinery.....	2,489	2,443	2,349	1.9	4.0	2.4	2,502	2,485	2,419	2,706	-7.5	
Construction machinery.....	4,880	4,780	4,714	2.1	1.4	1.6	4,899	4,842	4,814	4,895	0.1	
Mining, oil field, and gas field machinery.....	5,545	5,710	5,623	-2.9	1.5	-0.4	5,615	5,847	5,678	6,190	-9.3	
Industrial machinery.....	6,599	6,622	6,557	-0.3	1.0	1.6	6,693	6,742	6,534	6,918	-3.3	
Photographic equipment.....	1,514	1,479	1,458	2.4	1.4	-1.1	1,537	1,483	1,459	1,522	1.0	
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,447	3,462	3,506	-0.4	-1.3	2.0	3,398	3,605	3,656	3,781	-10.1	
Metalworking machinery.....	3,957	3,963	3,941	-0.2	0.6	1.6	3,906	3,975	3,954	4,384	-10.9	
Turbines, generators, and other power transmission equipment.....	5,936	5,906	5,935	0.5	-0.5	0.5	5,699	5,844	5,855	6,164	-7.5	
Material handling equipment.....	2,967	2,956	2,932	0.4	0.8	0.4	2,973	2,973	2,952	3,190	-6.8	
Computers and electronic products ²	45,184	44,092	43,457	2.5	1.5	0.7	44,577	44,373	43,432	43,588	2.3	
Computers.....	2,441	2,256	2,078	8.2	8.6	1.6	2,468	2,305	1,921	1,814	36.1	
Computer storage devices.....	1,057	1,015	999	4.1	1.6	-0.4	1,007	1,090	1,057	979	2.9	
Other peripheral equipment.....	1,455	1,419	1,413	2.5	0.4	-1.7	1,430	1,471	1,458	1,505	-5.0	
Nondefense communications equipment.....	5,866	5,598	5,522	4.8	1.4	3.2	5,625	5,652	5,560	5,765	-2.4	
Defense communications equipment.....	2,049	2,029	2,001	1.0	1.4	-2.4	2,049	2,029	2,001	1,792	14.3	
Audio and video equipment.....	374	376	390	-0.5	-3.6	-3.5	344	350	357	637	-46.0	
Electronic components.....	7,468	7,307	7,125	2.2	2.6	2.1	7,309	7,355	7,145	6,527	12.0	
Nondefense search and navigation equipment.....	3,765	3,757	3,772	0.2	-0.4	0.1	3,740	3,751	3,747	3,581	4.4	
Defense search and navigation equipment.....	3,599	3,625	3,671	-0.7	-1.3	0.6	3,556	3,661	3,727	3,206	10.9	
Electromedical, measuring and control instruments.....	11,774	11,569	11,529	1.8	0.3	0.1	11,617	11,621	11,574	11,663	-0.4	
Electrical equipment, appliances, and components.....	14,127	13,906	13,663	1.6	1.8	0.6	14,141	14,106	13,876	14,240	-0.7	
Electric lighting equipment.....	1,544	1,565	1,572	-1.3	-0.4	0.6	1,579	1,618	1,605	1,631	-3.2	
Household appliances.....	2,260	2,203	2,114	2.6	4.2	-2.5	2,322	2,282	2,180	2,269	2.3	
Electrical equipment.....	4,639	4,471	4,337	3.8	3.1	1.8	4,528	4,461	4,406	4,274	5.9	
Batteries.....	963	975	969	-1.2	0.6	1.8	980	1,008	984	1,059	-7.5	
Transportation equipment.....	80,086	79,173	78,492	1.2	0.9	0.6	79,843	80,336	79,647	77,850	2.6	
Automobiles.....	1,780	1,675	1,564	6.3	7.1	3.5	1,656	1,740	1,654	1,046	58.3	
Light trucks and utility vehicles.....	1,799	1,859	1,780	-3.2	4.4	-2.0	1,830	1,971	1,855	1,455	25.8	
Heavy duty trucks.....	1,311	1,352	1,317	-3.0	2.7	-0.1	1,306	1,343	1,255	1,332	-2.0	
Motor vehicle bodies, parts, and trailers.....	15,799	15,594	15,419	1.3	1.1	1.3	15,538	15,756	15,766	14,307	8.6	
Nondefense aircraft and parts.....	36,573	36,039	35,561	1.5	1.3	1.9	36,803	36,777	36,108	35,351	4.1	
Defense aircraft and parts.....	12,022	12,142	12,191	-1.0	-0.4	-0.7	12,059	12,208	12,191	12,123	-0.5	
Ships and boats.....	3,698	3,586	3,496	3.1	2.6	3.9	3,670	3,509	3,541	3,326	10.3	
Furniture and related products.....	6,292	6,247	6,107	0.7	2.3	2.1	6,419	6,340	6,071	6,530	-1.7	
Miscellaneous durable goods.....	20,308	20,197	20,061	0.5	0.7	0.6	20,249	20,304	20,065	20,865	-3.0	
Nondurable goods industries.....	211,175	214,873	220,402	-1.7	-2.5	0.4	213,082	215,913	218,319	210,987	1.0	
Food products.....	40,326	40,485	40,475	-0.4	0.0	0.2	39,193	39,404	39,505	39,134	0.2	
Grain and oilseed milling.....	4,944	5,078	5,091	-2.6	-0.3	-3.6	4,951	4,863	4,996	5,178	-4.4	
Dairy products.....	5,451	5,360	5,324	1.7	0.7	1.0	5,621	5,554	5,496	5,164	8.8	
Meat, poultry, and seafood products.....	7,937	7,916	7,933	0.3	-0.2	0.6	7,786	7,955	7,934	7,459	4.4	
Beverage and tobacco products.....	15,733	15,688	15,605	0.3	0.5	-0.4	15,231	15,490	15,689	15,591	-2.3	
Beverages.....	12,062	12,021	11,917	0.3	0.9	-0.2	11,706	11,871	11,961	11,999	-2.4	
Tobacco.....	3,671	3,667	3,688	0.1	-0.6	-1.0	3,525	3,619	3,728	3,592	-1.9	
Textile mills.....	3,039	3,026	2,996	0.4	1.0	-0.1	3,060	3,059	3,023	3,278	-6.7	
Textile products.....	2,933	2,892	2,862	1.4	1.0	1.0	2,935	2,904	2,871	2,808	4.5	
Apparel.....	2,503	2,377	2,353	5.3	1.0	-1.1	2,598	2,378	2,310	2,681	-3.1	
Leather and allied products.....	853	852	856	0.1	-0.5	-0.8	861	849	839	943	-8.7	
Paper products.....	14,060	14,054	13,998	0.0	0.4	1.0	13,960	14,065	14,029	14,294	-2.3	
Pulp, paper, and paperboard mills.....	5,739	5,793	5,858	-0.9	-1.1	1.6	5,669	5,803	5,860	6,180	-8.3	
Paperboard containers.....	4,014	3,967	3,846	1.2	3.1	1.0	3,991	3,977	3,863	3,882	2.8	
Printing.....	5,411	5,403	5,368	0.1	0.7	0.0	5,373	5,326	5,306	5,596	-4.0	
Petroleum and coal products.....	37,468	40,986	47,208	-8.6	-13.2	0.3	41,201	42,770	45,876	38,238	7.7	
Petroleum refineries.....	34,744	38,286	44,624	-9.3	-14.2	0.2	38,433	40,014	43,221	35,598	8.0	
Chemical products.....	69,166	69,587	69,424	-0.6	0.2	0.3	69,257	70,114	69,530	69,733	-0.7	
Pesticides, fertilizers, and other agricultural chemicals.....	4,466	4,413	4,281	1.2	3.1	0.4	4,094	4,280	4,338	3,672	11.5	
Pharmaceuticals and medicines.....	23,880	24,268	24,601	-1.6	-1.4	-0.9	24,255	24,458	24,489	27,381	-11.4	
Paints, coatings, and adhesives.....	3,243	3,232	3,184	0.3	1.5	1.2	3,317	3,300	3,244	3,227	2.8	
Plastics and rubber products.....	19,683	19,523	19,257	0.8	1.4	1.6	19,413	19,554	19,341	18,691	3.9	

^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 2010/ 2009
	Monthly			Percent Change			Monthly			Year to date			
	June 2010 ^p	May 2010 ^r	Apr. 2010	May - June	Apr. - May	Mar. - Apr.	June 2010 ^p	May 2010 ^r	Apr. 2010	June 2009	2010 ^p	2009	
SHIPMENTS													
All manufacturing industries	411,177	414,648	422,133	-0.8	-1.8	0.6	437,210	419,566	421,339	401,828	2,464,185	2,230,063	10.5
Construction materials and supplies.....	40,952	41,645	41,845	-1.7	-0.5	2.7	45,319	42,950	42,006	42,978	239,891	231,226	3.7
Information technology.....	26,728	27,003	27,095	-1.0	-0.3	1.9	29,290	25,154	24,797	27,556	154,828	142,151	8.9
Computers and related products	6,179	5,981	6,056	3.3	-1.2	0.9	7,099	5,245	5,534	6,087	33,777	30,256	11.6
Motor vehicle and parts.....	30,665	29,783	29,324	3.0	1.6	1.9	32,598	29,185	29,343	26,457	177,829	158,226	12.4
Capital goods.....	73,216	72,565	73,009	0.9	-0.6	-0.4	79,997	70,842	70,905	76,704	432,049	417,272	3.5
Nondefense capital goods ³	63,421	62,640	62,423	1.2	0.3	0.3	69,773	60,995	60,730	64,914	368,952	355,209	3.9
Excluding aircraft.....	59,579	59,295	58,354	0.5	1.6	0.4	64,899	57,682	57,095	59,310	346,062	325,145	6.4
Defense capital goods ⁴	9,795	9,925	10,586	-1.3	-6.2	-4.4	10,224	9,847	10,175	11,790	63,097	62,063	1.7
Consumer goods.....	166,147	167,797	172,769	-1.0	-2.9	-1.1	173,833	171,627	170,164	161,366	1,003,041	891,253	12.5
Consumer durable goods.....	24,041	23,754	23,856	1.2	-0.4	0.2	25,631	23,643	23,708	22,356	143,325	137,164	4.5
Consumer nondurable goods.....	142,106	144,043	148,913	-1.3	-3.3	-1.3	148,202	147,984	146,456	139,010	859,716	754,089	14.0
NEW ORDERS													
All manufacturing industries ⁵	406,405	411,469	419,055	-1.2	-1.8	1.0	430,914	413,250	415,131	387,377	2,443,700	2,133,075	14.6
Construction materials and supplies.....	41,456	41,481	42,060	-0.1	-1.4	1.1	45,782	43,092	42,911	42,066	244,033	227,688	7.2
Information technology.....	27,421	27,355	27,076	0.2	1.0	-0.7	29,742	24,586	24,580	27,051	155,421	140,538	10.6
Computers and related products	6,470	6,276	6,005	3.1	4.5	-5.8	7,390	5,540	5,483	6,425	34,091	29,301	16.3
Motor vehicle and parts.....	30,477	29,725	29,234	2.5	1.7	2.0	32,189	29,022	29,307	26,119	176,919	157,041	12.7
Capital goods.....	73,648	75,480	76,108	-2.4	-0.8	6.3	78,594	70,436	72,603	67,093	438,083	359,877	21.7
Nondefense capital goods ³	63,933	65,218	65,483	-2.0	-0.4	8.1	68,797	61,568	63,496	57,952	374,520	301,030	24.4
Excluding aircraft.....	61,210	61,094	58,327	0.2	4.7	-2.8	65,531	58,747	57,744	56,910	352,582	304,199	15.9
Defense capital goods ⁴	9,715	10,262	10,625	-5.3	-3.4	-3.1	9,797	8,868	9,107	9,141	63,563	58,847	8.0
Consumer goods.....	166,004	167,686	172,694	-1.0	-2.9	-1.2	173,468	171,453	170,088	161,179	1,003,529	890,232	12.7
Consumer durable goods.....	23,898	23,643	23,781	1.1	-0.6	-0.4	25,266	23,469	23,632	22,169	143,813	136,143	5.6
Consumer nondurable goods.....	142,106	144,043	148,913	-1.3	-3.3	-1.3	148,202	147,984	146,456	139,010	859,716	754,089	14.0
UNFILLED ORDERS													
All manufacturing industries ⁵	802,792	803,078	800,948	0.0	0.3	0.4	804,109	807,141	808,330	821,520	(X)	(X)	-2.1
Construction materials and supplies.....	53,607	53,103	53,267	0.9	-0.3	0.4	54,387	53,924	53,782	50,303	(X)	(X)	8.1
Information technology.....	118,585	117,892	117,540	0.6	0.3	0.0	118,870	118,418	118,986	121,195	(X)	(X)	-1.9
Computers and related products	5,685	5,394	5,099	5.4	5.8	-1.0	5,685	5,394	5,099	4,563	(X)	(X)	24.6
Motor vehicle and parts.....	13,901	14,089	14,147	-1.3	-0.4	-0.6	13,738	14,147	14,310	15,043	(X)	(X)	-8.7
Capital goods.....	625,915	625,483	622,568	0.1	0.5	0.5	626,486	627,889	628,295	648,070	(X)	(X)	-3.3
Nondefense capital goods ³	486,194	485,682	483,104	0.1	0.5	0.6	485,737	486,713	486,140	497,616	(X)	(X)	-2.4
Excluding aircraft.....	192,923	191,292	189,493	0.9	0.9	0.0	193,382	192,750	191,685	192,920	(X)	(X)	0.2
Defense capital goods ⁴	139,721	139,801	139,464	-0.1	0.2	0.0	140,749	141,176	142,155	150,454	(X)	(X)	-6.5
Consumer goods.....	8,634	8,777	8,888	-1.6	-1.2	-0.8	8,505	8,870	9,044	7,082	(X)	(X)	20.1
Consumer durable goods.....	8,634	8,777	8,888	-1.6	-1.2	-0.8	8,505	8,870	9,044	7,082	(X)	(X)	20.1
TOTAL INVENTORIES													
All manufacturing industries	519,999	520,464	522,387	-0.1	-0.4	0.6	520,280	523,793	522,174	516,419	(X)	(X)	0.7
Construction materials and supplies.....	55,007	54,676	54,254	0.6	0.8	0.5	54,610	54,841	54,729	55,073	(X)	(X)	-0.8
Information technology.....	38,924	38,133	37,827	2.1	0.8	0.4	38,411	38,463	37,870	37,840	(X)	(X)	1.5
Computers and related products	4,953	4,690	4,490	5.6	4.5	0.1	4,905	4,866	4,436	4,298	(X)	(X)	14.1
Motor vehicle and parts.....	20,689	20,480	20,080	1.0	2.0	1.1	20,330	20,810	20,530	18,140	(X)	(X)	12.1
Capital goods.....	146,340	144,726	143,395	1.1	0.9	0.8	145,864	146,227	144,340	146,739	(X)	(X)	-0.6
Nondefense capital goods ³	128,445	126,883	125,403	1.2	1.2	1.1	128,078	128,411	126,245	129,174	(X)	(X)	-0.8
Excluding aircraft.....	100,093	99,077	98,014	1.0	1.1	0.6	99,396	99,997	98,397	101,990	(X)	(X)	-2.5
Defense capital goods ⁴	17,895	17,843	17,992	0.3	-0.8	-1.2	17,786	17,816	18,095	17,565	(X)	(X)	1.3
Consumer goods.....	154,506	158,150	164,186	-2.3	-3.7	0.0	156,694	158,896	161,796	157,695	(X)	(X)	-0.6
Consumer durable goods.....	22,260	21,976	21,445	1.3	2.5	0.3	22,014	22,110	21,544	21,993	(X)	(X)	0.1
Consumer nondurable goods.....	132,246	136,174	142,741	-2.9	-4.6	0.0	134,680	136,786	140,252	135,702	(X)	(X)	-0.8

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 10/09
	June 2010 ^P	May 2010 ^r	Apr. 2010	May - June	Apr. - May	Mar. - Apr.	June 2010 ^P	May 2010 ^r	Apr. 2010	June 2009	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	175,802	175,180	175,922	0.4	-0.4	-0.3	175,470	174,738	175,243	174,949	0.3
Durable goods industries.....	106,357	104,821	103,354	1.5	1.4	0.5	105,010	104,149	103,100	106,040	-1.0
Wood products.....	3,291	3,219	3,139	2.2	2.5	-1.4	3,110	2,940	2,895	3,130	-0.6
Nonmetallic mineral products.....	4,548	4,565	4,576	-0.4	-0.2	-0.8	4,557	4,574	4,600	4,950	-7.9
Primary metals.....	12,332	11,871	11,471	3.9	3.5	3.4	12,241	11,543	11,167	12,524	-2.3
Fabricated metal products.....	15,619	15,382	15,146	1.5	1.6	0.3	15,338	15,091	15,031	15,243	0.6
Machinery.....	19,513	19,500	19,181	0.1	1.7	-0.1	19,377	19,568	19,213	20,598	-5.9
Computers and electronic products.....	15,144	15,018	14,649	0.8	2.5	2.5	14,925	14,920	14,496	15,192	-1.8
Electrical equipment, appliances, and components.....	5,629	5,529	5,432	1.8	1.8	0.2	5,619	5,584	5,477	5,608	0.2
Transportation equipment.....	20,533	20,078	20,194	2.3	-0.6	-1.0	20,103	20,234	20,652	18,851	6.6
Furniture and related products.....	3,042	3,010	2,972	1.1	1.3	2.5	3,066	3,038	2,976	2,998	2.3
Miscellaneous products.....	6,706	6,649	6,594	0.9	0.8	-1.1	6,674	6,657	6,593	6,946	-3.9
Nondurable goods industries.....	69,445	70,359	72,568	-1.3	-3.0	-1.3	70,460	70,589	72,143	68,909	2.3
Food products.....	13,594	13,656	13,757	-0.5	-0.7	-1.6	13,532	13,373	13,769	14,105	-4.1
Beverage and tobacco products.....	4,232	4,276	4,289	-1.0	-0.3	-0.6	4,108	4,257	4,299	4,175	-1.6
Textiles.....	1,117	1,110	1,108	0.6	0.2	-0.4	1,125	1,122	1,123	1,119	0.5
Textile products.....	1,193	1,178	1,162	1.3	1.4	1.9	1,196	1,176	1,161	1,165	2.7
Apparel.....	636	612	612	3.9	0.0	0.5	654	620	615	675	-3.1
Leather and allied products.....	335	328	325	2.1	0.9	1.2	333	327	320	339	-1.8
Paper products.....	6,950	6,912	6,898	0.5	0.2	0.6	6,868	6,832	6,873	6,855	0.2
Printing.....	2,302	2,322	2,292	-0.9	1.3	1.5	2,304	2,287	2,252	2,377	-3.1
Petroleum and coal products.....	9,085	9,743	11,815	-6.8	-17.5	-8.6	10,362	10,419	11,642	9,774	6.0
Chemical products.....	21,797	22,084	22,255	-1.3	-0.8	1.0	21,884	22,185	22,123	21,009	4.2
Plastics and rubber products.....	8,204	8,138	8,055	0.8	1.0	1.5	8,094	7,991	7,966	7,316	10.6
WORK IN PROCESS											
All manufacturing industries.....	156,736	156,583	157,467	0.1	-0.6	1.1	156,358	157,683	157,750	151,056	3.5
Durable goods industries.....	112,984	111,791	110,727	1.1	1.0	1.4	112,728	112,948	111,523	108,388	4.0
Wood products.....	1,715	1,714	1,702	0.1	0.7	1.9	1,710	1,725	1,730	1,554	10.0
Nonmetallic mineral products.....	1,311	1,288	1,283	1.8	0.4	-2.0	1,345	1,337	1,354	1,448	-7.1
Primary metals.....	8,740	9,139	8,877	-4.4	3.0	4.7	8,782	9,239	8,748	7,409	18.5
Fabricated metal products.....	11,464	11,303	11,445	1.4	-1.2	1.4	11,423	11,383	11,503	10,802	5.7
Machinery.....	13,765	13,760	13,833	0.0	-0.5	-0.1	13,714	13,878	13,907	14,593	-6.0
Computers and electronic products.....	20,269	19,618	19,333	3.3	1.5	0.0	20,125	19,897	19,460	18,879	6.6
Electrical equipment, appliances, and components.....	3,085	3,096	3,073	-0.4	0.7	1.7	3,115	3,182	3,131	3,124	-0.3
Transportation equipment.....	48,316	47,650	47,016	1.4	1.3	1.7	48,161	48,036	47,491	46,513	3.5
Furniture and related products.....	1,031	1,020	999	1.1	2.1	0.7	1,039	1,030	1,000	1,081	-3.9
Miscellaneous products.....	3,288	3,203	3,166	2.7	1.2	3.3	3,314	3,241	3,199	2,985	11.0
Nondurable goods industries.....	43,752	44,792	46,740	-2.3	-4.2	0.6	43,630	44,735	46,227	42,668	2.3
Food products.....	3,489	3,459	3,425	0.9	1.0	-4.6	2,985	3,017	3,147	3,092	-3.5
Beverage and tobacco products.....	5,832	5,780	5,709	0.9	1.2	-0.5	5,443	5,571	5,616	5,473	-0.5
Textiles.....	675	679	670	-0.6	1.3	2.1	677	685	668	689	-1.7
Textile products.....	495	495	492	0.0	0.6	0.8	494	499	494	473	4.4
Apparel.....	369	339	325	8.8	4.3	0.6	379	344	328	358	5.9
Leather and allied products.....	78	74	70	5.4	5.7	1.4	74	73	73	66	12.1
Paper products.....	1,335	1,338	1,361	-0.2	-1.7	2.6	1,340	1,344	1,359	1,438	-6.8
Printing.....	1,353	1,342	1,332	0.8	0.8	-2.6	1,274	1,266	1,312	1,297	-1.8
Petroleum and coal products.....	12,302	13,408	15,069	-8.2	-11.0	4.8	13,038	13,805	14,993	10,616	22.8
Chemical products.....	15,525	15,662	16,105	-0.9	-2.8	-1.8	15,684	15,928	16,022	17,099	-8.3
Plastics and rubber products.....	2,299	2,216	2,182	3.7	1.6	2.2	2,242	2,203	2,215	2,067	8.5
FINISHED GOODS											
All manufacturing industries.....	187,461	188,701	188,998	-0.7	-0.2	1.1	188,452	191,372	189,181	190,414	-1.0
Durable goods industries.....	89,483	88,979	87,904	0.6	1.2	0.6	89,460	90,783	89,232	91,004	-1.7
Wood products.....	4,000	4,035	3,989	-0.9	1.2	-0.1	3,988	4,101	4,074	4,014	-0.6
Nonmetallic mineral products.....	5,306	5,298	5,289	0.2	0.2	-1.0	5,344	5,497	5,468	5,901	-9.4
Primary metals.....	9,835	9,659	9,438	1.8	2.3	3.8	9,615	9,842	9,620	7,456	29.0
Fabricated metal products.....	14,587	14,503	14,267	0.6	1.7	0.3	14,754	14,758	14,620	15,124	-2.4
Machinery.....	16,801	16,740	16,569	0.4	1.0	1.7	16,671	16,945	16,834	17,613	-5.3
Computers and electronic products.....	9,771	9,456	9,475	3.3	-0.2	-0.7	9,527	9,556	9,476	9,517	0.1
Electrical equipment, appliances, and components.....	5,413	5,281	5,158	2.5	2.4	0.4	5,407	5,340	5,268	5,508	-1.8
Transportation equipment.....	11,237	11,445	11,282	-1.8	1.4	-1.3	11,579	12,066	11,504	12,486	-7.3
Furniture and related products.....	2,219	2,217	2,136	0.1	3.8	2.2	2,314	2,272	2,095	2,451	-5.6
Miscellaneous products.....	10,314	10,345	10,301	-0.3	0.4	0.9	10,261	10,406	10,273	10,934	-6.2
Nondurable goods industries.....	97,978	99,722	101,094	-1.7	-1.4	1.5	98,992	100,589	99,949	99,410	-0.4
Food products.....	23,243	23,370	23,293	-0.5	0.3	2.0	22,676	23,014	22,589	21,937	3.4
Beverage and tobacco products.....	5,669	5,632	5,607	0.7	0.4	-0.2	5,680	5,662	5,774	5,943	-4.4
Textiles.....	1,247	1,237	1,218	0.8	1.6	-1.1	1,258	1,252	1,232	1,470	-14.4
Textile products.....	1,245	1,219	1,208	2.1	0.9	0.2	1,245	1,229	1,216	1,170	6.4
Apparel.....	1,498	1,426	1,416	5.0	0.7	-2.1	1,565	1,414	1,367	1,648	-5.0
Leather and allied products.....	440	450	461	-2.2	-2.4	-2.5	454	449	446	538	-15.6
Paper products.....	5,775	5,804	5,739	-0.5	1.1	1.1	5,752	5,889	5,797	6,001	-4.1
Printing.....	1,756	1,739	1,744	1.0	-0.3	0.2	1,795	1,773	1,742	1,922	-6.6
Petroleum and coal products.....	16,081	17,835	20,324	-9.8	-12.2	2.9	17,801	18,546	19,241	17,848	-0.3
Chemical products.....	31,844	31,841	31,064	0.0	2.5	1.1	31,689	32,001	31,385	31,625	0.2
Plastics and rubber products.....	9,180	9,169	9,020	0.1	1.7	1.5	9,077	9,360	9,160	9,308	-2.5

^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 2010 ^P	May 2010 ^F	Apr 2010	Mar 2010	Jun 2010 ^P	May 2010 ^F	Apr 2010	Mar 2010
All manufacturing industries ²	1.26	1.26	1.24	1.24	(X)	(X)	(X)	(X)
Durable goods industries ²	1.58	1.56	1.53	1.55	5.60	5.61	5.59	5.60
Wood products.....	1.35	1.25	1.21	1.27	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.34	1.34	1.34	1.38	(X)	(X)	(X)	(X)
Primary metals.....	1.57	1.53	1.49	1.43	0.93	0.92	0.93	0.93
Fabricated metal products.....	1.52	1.49	1.48	1.50	2.01	2.00	2.03	2.06
Machinery.....	2.00	2.01	2.06	2.02	4.23	4.24	4.27	4.14
Computers and electronic products ²	1.44	1.35	1.29	1.40	5.01	4.90	4.87	4.97
Electrical equipment, appliances, and components.....	1.48	1.47	1.43	1.44	2.78	2.74	2.68	2.70
Transportation equipment.....	1.64	1.67	1.62	1.62	13.40	13.78	13.36	13.37
Furniture and related products.....	1.12	1.11	1.11	1.08	1.38	1.40	1.40	1.39
Miscellaneous products.....	1.61	1.59	1.57	1.58	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.98	0.98	0.98	0.97	(X)	(X)	(X)	(X)
Food products.....	0.74	0.74	0.73	0.73	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.45	1.49	1.47	1.50	(X)	(X)	(X)	(X)
Textiles.....	1.27	1.26	1.28	1.28	(X)	(X)	(X)	(X)
Textile products.....	1.56	1.51	1.50	1.48	(X)	(X)	(X)	(X)
Apparel.....	1.94	1.81	1.81	1.83	(X)	(X)	(X)	(X)
Leather and allied products.....	2.11	2.08	2.10	2.16	(X)	(X)	(X)	(X)
Paper products.....	1.01	1.00	1.00	0.98	(X)	(X)	(X)	(X)
Printing.....	0.75	0.73	0.73	0.75	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.76	0.80	0.84	0.82	(X)	(X)	(X)	(X)
Chemical products.....	1.18	1.18	1.15	1.16	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.28	1.26	1.22	1.20	(X)	(X)	(X)	(X)

X Not Applicable ^P Preliminary ^F 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 2010	Jun ² 2009- May 2010	Jun ¹ 2010	Jun ² 2009- May 2010	Jun ¹ 2010	Jun ² 2009- May 2010	Jun ¹ 2010	Jun ² 2009- May 2010
	All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.1	(X)
Durable goods industries.....	0.0	0.5	-0.2	0.6	0.0	0.1	0.2	0.2
Wood products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	-0.3	0.7	-0.4	1.3	0.3	0.7	0.1	0.3
Fabricated metal products.....	0.1	0.6	0.2	0.9	0.0	0.2	0.2	0.2
Machinery.....	0.4	0.7	-1.2	1.2	-0.5	0.2	0.0	0.3
Computers and electronic products.....	0.2	1.0	0.2	1.1	0.0	0.2	0.6	0.4
Electrical equipment, appliances, and components.....	0.2	0.5	0.5	1.2	0.1	0.5	0.1	0.4
Transportation equipment.....	0.1	1.1	0.4	1.2	0.1	0.1	0.1	0.3
Furniture and related products.....	(X)	0.5	(X)	1.2	(X)	0.8	(X)	0.3
Miscellaneous products.....	(X)	0.5	(X)	0.5	(X)	0.3	(X)	0.2
Nondurable goods industries.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.7
Textile products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel.....	(X)	1.2	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	1.4	(X)	(NA)	(X)	(NA)	(X)	0.8
Paper products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.9
Petroleum and coal products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	1.3
Chemical products.....	(X)	0.5	(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

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 64 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 in the data 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>.