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

Summary

New orders for manufactured goods in May, down following eight consecutive monthly increases, decreased \$5.8 billion or 1.4 percent to \$413.2 billion, the U.S. Census Bureau reported today. This followed a 1.0 percent April increase. Excluding transportation, new orders decreased 0.6 percent.

Shipments, down following two consecutive monthly increases, decreased \$5.3 billion or 1.3 percent to \$416.8 billion. This followed a 0.6 percent April increase.

Unfilled orders, up four of the last five months, increased \$1.9 billion or 0.2 percent to \$802.8 billion. This followed a 0.4 percent April increase. The unfilled orders-to-shipments ratio was unchanged at 5.59.

Inventories, down following four consecutive monthly increases, decreased \$2.0 billion or 0.4 percent to \$520.4 billion. This followed a 0.6 percent April increase. The inventories-to-shipments ratio was 1.25, up from 1.24 in April.

New Orders

New orders for manufactured durable goods in May, down following five consecutive monthly increases, decreased \$1.2 billion or 0.6 percent to \$192.9 billion, revised from the previously published 1.1 percent decrease. This followed a 2.9 percent April increase.

Transportation equipment, down three of the last four months, had the largest decrease, \$3.5 billion or 6.9 percent to \$46.9 billion.

New orders for manufactured nondurable goods decreased \$4.6 billion or 2.1 percent to \$220.4 billion.

Shipments

Shipments of manufactured durable goods in May, down following two consecutive monthly increases, decreased \$0.7 billion or 0.3 percent to \$196.4 billion, revised from the previously published 0.4 percent decrease. This followed a 2.0 percent April increase.

Transportation equipment, also down following two consecutive monthly increases, had the largest decrease, \$1.3 billion or 2.8 percent to \$47.1 billion.

Shipments of manufactured nondurable goods, down two consecutive months, decreased \$4.6 billion or 2.1 percent to \$220.4 billion. This followed a 0.6 percent April decrease. Petroleum and coal products, down three of the last four months, led the decrease, down \$4.5 billion or 8.0 percent to \$51.6 billion. This is the largest decrease in petroleum and coal products since December 2008.

Unfilled Orders

Unfilled orders for manufactured durable goods in May, up four of the last five months, increased \$1.9 billion or 0.2 percent to \$802.8 billion, unchanged from the previously published increase. This followed a 0.4 percent April increase.

Machinery, up six of the last seven months, had the largest increase, \$2.0 billion or 2.2 percent to \$93.1 billion.

Inventories

Inventories of manufactured durable goods in May, up five consecutive months, increased \$2.7 billion or 0.9 percent to \$304.7 billion, revised from the previously published 0.8 percent increase. This followed a 0.8 percent April increase.

Primary metals, up seven consecutive months, had the largest increase, \$0.9 billion or 3.1 percent to \$30.7 billion.

Inventories of manufactured nondurable goods, down following seven consecutive monthly increases, decreased \$4.7 billion or 2.1 percent to \$215.7 billion. This followed a 0.4 percent April increase. Petroleum and coal products drove the decrease, down \$5.7 billion or 12.2 percent to \$41.5 billion. This was also the largest decrease in petroleum and coal products since December 2008.

By stage of fabrication, May materials and supplies increased 1.1 percent in durable goods and decreased 3.1 percent in nondurable goods. Work in process increased 0.7 percent in durable goods and decreased 3.0 percent in nondurable goods. Finished goods increased 1.0 percent in durable goods and decreased 1.0 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 June is scheduled for release on July 28, 2010, at 8:30 a.m. EDT and the full report on August 3, 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		
	May 2010 ^p	Apr. 2010 ^r	Mar. 2010	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2010 ^p	Apr. 2010 ^r	Mar. 2010	May 2009	2010 ^p	2009	Percent 2010/2009
All manufacturing industries.....	416,813	422,133	419,787	-1.3	0.6	2.6	420,204	421,339	437,300	373,196	2,027,613	1,828,235	10.9
Excluding transportation.....	369,748	373,725	371,518	-1.1	0.6	2.6	373,880	374,263	383,866	328,067	1,791,543	1,598,890	12.0
Excluding defense.....	404,410	408,885	406,089	-1.1	0.7	2.8	408,011	408,788	422,467	359,989	1,962,742	1,766,360	11.1
With unfilled orders.....	143,519	143,344	142,593	0.1	0.5	2.8	142,299	140,586	154,163	126,345	688,674	640,076	7.6
Durable goods industries.....	196,421	197,099	193,305	-0.3	2.0	2.1	194,896	196,569	207,098	174,192	946,500	881,676	7.4
Wood products.....	7,217	7,279	6,949	-0.9	4.7	3.5	7,594	7,463	6,778	6,885	33,264	30,708	8.3
Nonmetallic mineral products.....	8,347	8,311	8,189	0.4	1.5	5.1	8,556	8,516	8,144	8,026	38,533	37,892	1.7
Primary metals.....	20,243	20,043	19,994	1.0	0.2	5.9	20,684	20,676	21,113	13,654	97,264	71,873	35.3
Iron and steel mills.....	9,957	9,704	9,621	2.6	0.9	6.4	10,156	9,846	10,049	5,733	46,234	31,771	45.5
Aluminum and nonferrous metals.....	9,106	9,158	9,178	-0.6	-0.2	5.1	9,283	9,620	9,753	6,977	45,238	34,803	30.0
Ferrous metal foundries.....	1,180	1,181	1,195	-0.1	-1.2	7.6	1,245	1,210	1,311	944	5,792	5,299	9.3
Fabricated metal products.....	27,960	27,556	27,101	1.5	1.7	1.6	28,240	27,461	28,200	25,390	132,141	127,027	4.0
Machinery.....	24,753	24,034	24,376	3.0	-1.4	4.2	25,372	25,015	27,032	22,795	119,525	117,691	1.6
Farm machinery.....	2,209	1,999	1,807	10.5	10.6	-4.2	2,493	2,618	2,261	1,945	11,126	11,216	-0.8
Construction machinery.....	2,362	2,238	2,120	5.5	5.6	12.4	2,470	2,281	2,383	1,789	10,543	9,808	7.5
Mining, oil field, and gas field machinery.....	1,376	1,401	1,580	-1.8	-11.3	3.7	1,295	1,257	1,767	1,546	7,237	8,670	-16.5
Industrial machinery.....	2,969	2,604	2,938	14.0	-11.4	-4.9	2,974	2,655	3,108	2,187	13,387	11,414	17.3
Photographic equipment.....	755	761	793	-0.8	-4.0	0.4	702	706	820	680	3,506	3,337	5.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,586	2,653	2,496	-2.5	6.3	2.5	2,677	2,482	2,561	2,949	11,802	12,660	-6.8
Metalworking machinery.....	1,760	1,740	1,722	1.1	1.0	4.8	1,691	1,693	1,958	1,509	8,384	8,579	-2.3
Turbines, generators, and other power transmission equipment.....	3,038	2,790	3,198	8.9	-12.8	30.1	3,188	2,970	3,414	2,825	14,290	14,405	-0.8
Material handling equipment.....	1,609	1,573	1,569	2.3	0.3	-0.7	1,578	1,540	1,782	1,473	7,830	7,628	2.6
Computers and electronic products ²	32,939	33,653	30,845	-2.1	9.1	-2.2	30,405	32,859	33,168	26,225	155,235	136,975	13.3
Computers.....	4,125	4,211	4,387	-2.0	-4.0	12.3	3,667	4,171	4,310	3,151	19,122	17,483	9.4
Computer storage devices.....	680	766	591	-11.2	29.6	-17.8	495	472	884	408	2,881	2,187	31.7
Other peripheral equipment.....	1,076	1,079	1,023	-0.3	5.5	16.8	968	891	1,325	895	4,560	4,499	1.4
Nondefense communications equipment.....	3,276	3,253	3,256	0.7	-0.1	3.7	2,930	2,571	3,865	2,638	14,303	13,415	6.6
Defense communications equipment.....	561	632	510	-11.2	23.9	2.4	558	632	534	524	2,672	2,744	-2.6
Audio and video equipment.....	399	387	407	3.1	-4.9	1.0	356	300	378	380	1,750	1,686	3.8
Semiconductors ²	NA	NA	4,092	NA	NA	-18.5	NA	NA	3,085	4,241	NA	NA	NA
Electronic components.....	3,958	3,994	3,811	-0.9	4.8	0.5	3,780	3,634	4,172	3,111	18,450	15,996	15.3
Nondefense search and navigation equipment.....	1,007	1,000	1,107	0.7	-9.7	4.3	987	924	1,284	988	5,115	5,085	0.6
Defense search and navigation equipment.....	3,105	3,033	3,151	2.4	-3.7	0.4	3,076	2,895	3,421	3,016	15,149	14,561	4.0
Electromedical, measuring, and control instruments.....	8,888	8,683	8,053	2.4	7.8	-5.9	8,081	7,881	9,447	6,416	40,573	33,820	20.0
Electrical equipment, appliances, and components.....	9,520	9,529	9,400	-0.1	1.4	2.8	9,589	9,654	10,006	8,807	45,650	43,999	3.8
Electric lighting equipment.....	1,173	1,180	1,148	-0.6	2.8	-1.2	1,157	1,146	1,204	1,079	5,675	5,453	4.1
Household appliances.....	1,756	1,786	1,730	-1.7	3.2	5.0	1,837	1,879	1,902	1,713	8,382	7,972	5.1
Electrical equipment.....	3,066	2,966	2,899	3.4	2.3	4.1	3,145	2,983	3,258	2,693	14,506	14,132	2.6
Batteries.....	761	765	774	-0.5	-1.2	-0.8	664	699	735	620	3,364	3,035	10.8
Transportation equipment.....	47,065	48,408	48,269	-2.8	0.3	2.6	46,324	47,076	53,434	45,129	236,070	229,345	2.9
Automobiles.....	5,744	5,800	5,610	-1.0	3.4	6.0	5,570	5,635	6,063	4,273	28,272	23,320	21.2
Light trucks and utility vehicles.....	5,176	5,145	5,253	0.6	-2.1	2.5	5,146	5,035	5,841	5,622	26,178	30,747	-14.9
Heavy duty trucks.....	1,454	1,557	1,653	-6.6	-5.8	0.7	1,287	1,618	1,903	1,093	7,972	6,259	27.4
Motor vehicle bodies, parts, and trailers.....	17,102	16,822	16,254	1.7	3.5	4.7	17,052	17,055	17,491	14,005	82,679	71,443	15.7
Nondefense aircraft and parts.....	6,229	6,925	6,973	-10.1	-0.7	4.5	5,962	6,224	8,442	7,532	31,587	38,625	-18.2
Defense aircraft and parts.....	5,049	5,594	5,754	-9.7	-2.8	0.2	4,855	5,149	6,225	5,448	26,366	24,123	9.3
Ships and boats.....	2,144	2,247	2,406	-4.6	-6.6	10.0	2,320	2,279	2,570	2,221	11,297	10,958	3.1
Furniture and related products.....	5,589	5,485	5,552	1.9	-1.2	1.9	5,564	5,339	5,593	5,404	26,847	26,953	-0.4
Miscellaneous durable goods.....	12,788	12,801	12,630	-0.1	1.4	-0.4	12,568	12,510	13,630	11,877	61,971	59,213	4.7
Nondurable goods industries.....	220,392	225,034	226,482	-2.1	-0.6	3.1	225,308	224,770	230,202	199,004	1,081,113	946,559	14.2
Food products.....	55,279	55,099	55,553	0.3	-0.8	0.5	53,946	52,936	56,931	51,710	268,572	257,846	4.2
Grain and oilseed milling.....	7,797	7,834	8,196	-0.5	-4.4	0.6	6,955	7,204	8,582	6,991	38,533	36,685	5.0
Dairy products.....	7,524	7,493	7,555	0.4	-0.8	1.4	7,533	7,180	7,669	7,136	36,121	34,932	3.4
Meat, poultry, and seafood products.....	15,742	15,641	15,624	0.6	0.1	1.4	15,843	15,338	15,701	14,261	76,441	70,441	8.5
Beverage and tobacco products.....	10,488	10,589	10,445	-1.0	1.4	8.2	11,292	10,545	10,518	10,531	50,351	49,212	2.3
Beverages.....	7,539	7,611	7,390	-0.9	3.0	4.1	8,343	7,567	7,463	7,593	36,064	34,624	4.2
Tobacco.....	2,949	2,978	3,055	-1.0	-2.5	19.7	2,949	2,978	3,055	2,938	14,287	14,588	-2.1
Textile mills.....	2,387	2,347	2,352	1.7	-0.2	2.5	2,434	2,384	2,419	2,107	11,642	10,286	13.2
Textile products.....	1,921	1,912	1,909	0.5	0.2	1.9	1,995	1,947	1,937	1,863	9,390	9,085	3.4
Apparel.....	1,271	1,300	1,299	-2.2	0.1	1.3	1,206	1,218	1,292	1,209	6,095	6,299	-3.2
Leather and allied products.....	407	408	400	-0.2	2.0	-2.2	369	384	421	371	1,940	1,998	-2.9
Paper products.....	14,161	14,066	14,139	0.7	-0.5	2.5	14,199	13,776	14,530	13,260	68,666	66,316	3.5
Pulp, paper, and paperboard mills.....	6,635	6,567	6,587	1.0	-0.3	3.2	6,602	6,444	6,745	6,094	32,053	30,666	4.5
Paperboard containers.....	3,964	3,875	3,984	2.3	-2.7	2.9	3,999	3,852	4,141	3,634	19,170	18,731	2.3
Printing.....	7,361	7,321	7,173	0.5	2.1	3.2	7,300	7,355	7,458	7,046	35,030	35,833	-2.2
Petroleum and coal products.....	51,626	56,093	57,660	-8.0	-2.7	6.4	55,833	56,133	54,179	41,247	258,442	171,308	50.9
Petroleum refineries.....	48,277	52,842	54,486	-8.6	-3.0	7.2	52,389	53,056	51,274	38,415	244,246	158,587	54.0
Chemical products.....	59,849	60,144	59,817	-0.5	0.5	2.1	60,686	62,184	64,266	54,919	295,045	267,679	10.2
Pesticides, fertilizers, and other agricultural chemicals.....	3,523	3,794	3,745	-7.1	1.3	3.1	4,752	5,951	5,577	3,826	22,583	15,876	42.2
Pharmaceuticals and medicines.....	15,426	15,377	15,446	0.3	-0.4	0.4	15,182	15,219	16,207	15,608	75,364	78,884	-4.5
Paints, coatings, and adhesives.....	2,586	2,646	2,646	-2.3	0.0	5.2	2,808	2,916	2,798	2,722	12,918	12,537	3.0
Plastics and rubber products.....	15,642	15,755	15,735	-0.7	0.1	2.6	16,048	15,908	16,251	14,741	75,940	70,697	7.4

NA Not Available ^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		
	May 2010 ^p	Apr. 2010 ^f	Mar. 2010	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2010 ^p	Apr. 2010 ^f	Mar. 2010	May 2009	2010 ^p	2009	Percent 2010/2009
All manufacturing industries ²	413,247	419,055	415,012	-1.4	1.0	1.7	413,756	415,131	436,921	361,593	2,013,292	1,745,698	15.3
Excluding transportation ²	366,368	368,686	371,374	-0.6	-0.7	3.8	370,263	368,150	387,310	320,686	1,779,759	1,552,250	14.7
Excluding defense ²	400,501	406,036	401,487	-1.4	1.1	1.7	402,800	404,111	419,941	349,093	1,946,963	1,685,063	15.5
With unfilled orders ²	145,376	146,423	141,910	-0.7	3.2	-0.6	140,966	142,459	156,869	118,983	702,985	580,667	21.1
Durable goods industries ²	192,855	194,021	188,530	-0.6	2.9	0.1	188,448	190,361	206,719	162,589	932,179	799,139	16.6
Primary metals.....	20,277	20,155	20,151	0.6	0.0	3.8	20,780	20,508	21,324	13,152	99,626	67,052	48.6
Iron and steel mills.....	9,972	9,709	9,567	2.7	1.5	1.3	10,350	9,654	9,928	5,538	48,057	28,818	66.8
Aluminum and nonferrous metals.....	9,117	9,216	9,354	-1.1	-1.5	6.1	9,181	9,605	10,082	6,744	45,594	33,481	36.2
Ferrous metal foundries.....	1,188	1,230	1,230	-3.4	0.0	7.5	1,249	1,249	1,314	870	5,975	4,753	25.7
Fabricated metal products.....	27,450	27,701	27,570	-0.9	0.5	1.7	28,191	28,010	29,778	25,168	135,540	122,211	10.9
Machinery.....	26,769	24,484	26,285	9.3	-6.9	11.0	26,917	26,057	29,470	21,257	126,054	106,501	18.4
Construction machinery.....	2,863	2,352	2,515	21.7	-6.5	55.1	2,982	2,367	2,856	1,035	11,459	5,515	107.8
Mining, oil field, and gas field machinery.....	1,525	1,069	1,658	42.7	-35.5	20.3	1,493	932	1,758	1,222	6,884	6,953	-1.0
Industrial machinery.....	2,814	2,535	3,241	11.0	-21.8	13.1	2,604	2,814	3,324	1,846	13,954	8,335	67.4
Photographic equipment.....	781	789	788	-1.0	0.1	-5.9	702	745	810	647	3,606	3,360	7.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,661	2,739	3,120	-2.8	-12.2	5.5	2,749	2,883	3,761	3,442	13,989	14,540	-3.8
Metalworking machinery.....	1,692	1,738	1,722	-2.6	0.9	5.9	1,605	1,742	1,886	1,532	8,415	7,489	12.4
Turbines, generators, and other power transmission equipment.....	4,283	3,135	3,254	36.6	-3.7	39.7	4,375	3,311	3,444	2,508	15,496	13,431	15.4
Material handling equipment.....	1,657	1,681	1,705	-1.4	-1.4	2.2	1,553	1,620	1,959	1,502	8,280	6,747	22.7
Computers and electronic products ²	27,802	27,661	27,102	0.5	2.1	5.3	24,663	24,761	31,151	21,343	126,573	112,474	12.5
Computers.....	4,419	4,160	4,760	6.2	-12.6	24.6	3,961	4,120	4,683	3,343	19,144	16,190	18.2
Nondefense communications equipment.....	2,595	3,022	2,788	-14.1	8.4	-5.6	2,132	2,775	3,091	2,891	13,253	13,912	-4.7
Defense communications equipment.....	682	590	621	15.6	-5.0	11.7	544	493	977	422	3,101	3,280	-5.5
Semiconductors ²	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Electronic components.....	4,104	4,177	3,927	-1.7	6.4	-0.9	3,852	3,803	4,218	3,004	19,391	15,723	23.3
Nondefense search and navigation equipment.....	1,021	1,072	1,098	-4.8	-2.4	6.0	915	950	1,303	849	5,019	4,598	9.2
Defense search and navigation equipment.....	3,324	3,239	3,064	2.6	5.7	20.5	2,973	2,918	3,824	2,734	14,769	15,525	-4.9
Electromedical, measuring, and control instruments.....	9,061	8,711	8,366	4.0	4.1	-0.9	8,075	7,632	10,005	5,960	40,677	32,503	25.1
Electrical equipment, appliances, and components.....	9,718	9,758	10,395	-0.4	-6.1	13.4	9,885	9,980	10,858	8,567	48,568	42,985	13.0
Electric lighting equipment.....	1,223	1,336	1,246	-8.5	7.2	24.2	1,197	1,326	1,337	1,006	5,904	5,342	10.5
Household appliances.....	1,788	1,786	1,740	0.1	2.6	6.9	1,880	1,860	1,857	1,712	8,566	8,095	5.8
Electrical equipment.....	3,144	3,068	3,326	2.5	-7.8	14.5	3,285	3,218	3,572	2,611	16,057	13,137	22.2
Transportation equipment.....	46,879	50,369	43,638	-6.9	15.4	-13.2	43,493	46,981	49,611	40,907	233,533	193,448	20.7
Motor vehicle bodies, parts, and trailers.....	17,077	16,732	16,133	2.1	3.7	5.0	16,887	17,019	17,123	13,693	82,176	70,596	16.4
Nondefense aircraft and parts.....	7,144	10,144	3,213	-29.6	215.7	-71.1	5,503	8,274	4,609	4,847	32,048	12,014	166.8
Defense aircraft and parts.....	4,907	5,283	5,501	-7.1	-4.0	1.4	4,272	4,403	6,444	4,350	26,853	23,676	13.4
Ships and boats.....	1,734	1,895	2,097	-8.5	-9.6	-14.2	1,512	1,683	2,262	1,516	10,428	7,827	33.2
Furniture and related products.....	5,649	5,520	5,595	2.3	-1.3	0.4	5,842	5,593	5,949	5,598	28,087	27,752	1.2
Non durable goods industries.....	220,392	225,034	226,482	-2.1	-0.6	3.1	225,308	224,770	230,202	199,004	1,081,113	946,559	14.2

NA Not Available ^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 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 May 10/09
	May 2010 ^b	Apr. 2010 ^c	Mar. 2010	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2010 ^b	Apr. 2010 ^c	Mar. 2010	May 2009	
All manufacturing industries ²	802,805	800,948	797,869	0.2	0.4	-0.1	806,997	808,330	806,457	833,241	-3.1
Excluding transportation ²	323,183	321,140	320,022	0.6	0.3	1.2	326,577	325,079	323,111	319,179	2.3
Excluding defense ²	649,330	647,816	644,508	0.2	0.5	-0.1	651,987	652,083	648,679	666,167	-2.1
Durable goods industries ²	802,805	800,948	797,869	0.2	0.4	-0.1	806,997	808,330	806,457	833,241	-3.1
Primary metals.....	18,655	18,621	18,509	0.2	0.6	0.9	18,733	18,637	18,805	15,115	23.9
Iron and steel mills.....	10,547	10,532	10,527	0.1	0.0	-0.5	10,592	10,398	10,590	7,836	35.2
Aluminum and nonferrous metals.....	6,103	6,092	6,034	0.2	1.0	3.0	6,115	6,217	6,232	5,402	13.2
Ferrous metal foundries.....	2,005	1,997	1,948	0.4	2.5	1.8	2,026	2,022	1,983	1,877	7.9
Fabricated metal products.....	53,805	54,315	54,170	-0.9	0.3	0.9	55,473	55,522	54,973	57,297	-3.2
Machinery.....	93,114	91,098	90,648	2.2	0.5	2.2	93,695	92,150	91,108	89,268	5.0
Construction machinery.....	10,077	9,576	9,462	5.2	1.2	4.4	10,332	9,820	9,734	10,926	-5.4
Mining, oil field, and gas field machinery.....	5,710	5,561	5,893	2.7	-5.6	1.3	5,711	5,513	5,838	7,127	-19.9
Industrial machinery.....	11,428	11,583	11,652	-1.3	-0.6	2.7	11,558	11,928	11,769	11,535	0.2
Photographic equipment.....	2,524	2,498	2,470	1.0	1.1	-0.2	2,535	2,535	2,496	2,483	2.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	20,530	20,455	20,369	0.4	0.4	3.2	20,495	20,423	20,022	16,321	25.6
Metalworking machinery.....	6,349	6,417	6,419	-1.1	0.0	0.0	6,394	6,480	6,431	6,643	-3.7
Turbines, generators, and other power transmission equipment.....	13,977	12,732	12,387	9.8	2.8	0.5	14,019	12,832	12,491	12,484	12.3
Material handling equipment.....	7,289	7,241	7,133	0.7	1.5	1.9	7,349	7,374	7,294	7,425	-1.0
Computers and electronic products ²	121,098	120,812	120,647	0.2	0.1	0.3	121,479	122,106	122,123	123,472	-1.6
Computers.....	5,393	5,099	5,150	5.8	-1.0	7.8	5,393	5,099	5,150	4,225	27.6
Nondefense communications equipment.....	21,455	22,136	22,367	-3.1	-1.0	-2.0	21,729	22,527	22,323	22,744	-4.5
Defense communications equipment.....	6,395	6,274	6,316	1.9	-0.7	1.8	6,424	6,438	6,577	6,801	-5.5
Semiconductors ²	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Electronic components.....	11,681	11,535	11,352	1.3	1.6	1.0	11,634	11,562	11,393	9,573	21.5
Nondefense search and navigation equipment.....	8,304	8,290	8,218	0.2	0.9	-0.1	8,278	8,350	8,324	9,369	-11.6
Defense search and navigation equipment.....	38,921	38,702	38,496	0.6	0.5	-0.2	39,206	39,309	39,286	42,138	-7.0
Electromedical, measuring, and control instruments.....	28,949	28,776	28,748	0.6	0.1	1.1	28,815	28,821	29,070	28,622	0.7
Electrical equipment, appliances, and components.....	23,710	23,512	23,283	0.8	1.0	4.5	24,019	23,723	23,397	22,275	7.8
Electric lighting equipment.....	2,372	2,322	2,166	2.2	7.2	4.7	2,354	2,314	2,134	2,197	7.1
Household appliances.....	554	522	522	6.1	0.0	2.0	574	531	550	449	27.8
Electrical equipment.....	14,981	14,903	14,801	0.5	0.7	3.0	15,111	14,971	14,736	14,311	5.6
Transportation equipment.....	479,622	479,808	477,847	0.0	0.4	-1.0	480,420	483,251	483,346	514,062	-6.5
Motor vehicle bodies, parts, and trailers.....	14,122	14,147	14,237	-0.2	-0.6	-0.8	14,145	14,310	14,346	15,381	-8.0
Nondefense aircraft and parts.....	324,224	323,309	320,090	0.3	1.0	-1.2	324,026	324,485	322,435	339,407	-4.5
Defense aircraft and parts.....	47,734	47,876	48,187	-0.3	-0.6	-0.5	48,235	48,818	49,564	50,586	-4.6
Ships and boats.....	17,404	17,814	18,166	-2.3	-1.9	-1.7	17,509	18,317	18,913	22,228	-21.2
Furniture and related products.....	6,753	6,693	6,658	0.9	0.5	0.7	7,130	6,852	6,598	6,921	3.0

NA Not Available ^b Preliminary ^c 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 May 10/09
	May 2010 ^p	Apr. 2010 ^f	Mar. 2010	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2010 ^p	Apr. 2010 ^f	Mar. 2010	May 2009	
All manufacturing industries.....	520,432	522,387	519,045	-0.4	0.6	0.5	524,247	522,174	517,238	528,280	-0.8
Excluding transportation.....	441,545	443,895	440,997	-0.5	0.7	0.4	443,950	442,527	439,307	447,187	-0.7
Excluding defense.....	497,309	499,127	495,465	-0.4	0.7	0.5	501,068	498,811	493,599	504,932	-0.8
With unfilled orders.....	247,320	245,221	242,715	0.9	1.0	0.7	249,587	246,772	242,092	254,855	-2.1
Durable goods industries.....	304,706	301,985	299,463	0.9	0.8	0.6	307,546	303,855	299,195	316,492	-2.8
Wood products.....	8,959	8,830	8,849	1.5	-0.2	0.7	8,764	8,699	8,975	8,859	-1.1
Nonmetallic mineral products.....	11,161	11,148	11,266	0.1	-1.0	0.3	11,419	11,422	11,569	12,652	-9.7
Primary metals.....	30,711	29,786	28,673	3.1	3.9	2.4	30,549	29,535	28,192	28,231	8.2
Iron and steel mills.....	18,462	17,581	16,635	5.0	5.7	4.0	18,227	17,232	16,204	16,610	9.7
Aluminum and nonferrous metals.....	10,487	10,450	10,316	0.4	1.3	0.4	10,547	10,517	10,243	9,725	8.5
Ferrous metal foundries.....	1,762	1,755	1,722	0.4	1.9	-1.0	1,775	1,786	1,745	1,896	-6.4
Fabricated metal products.....	41,071	40,858	40,617	0.5	0.6	1.4	41,215	41,154	40,825	42,364	-2.7
Machinery.....	49,928	49,583	49,343	0.7	0.5	0.0	50,312	49,954	49,869	54,629	-7.9
Farm machinery.....	2,429	2,349	2,293	3.4	2.4	1.4	2,484	2,419	2,527	2,825	-12.1
Construction machinery.....	4,776	4,714	4,639	1.3	1.6	-1.3	4,849	4,814	4,728	5,161	-6.0
Mining, oil field, and gas field machinery.....	5,727	5,623	5,643	1.8	-0.4	0.1	5,844	5,678	5,674	6,249	-6.5
Industrial machinery.....	6,628	6,557	6,455	1.1	1.6	0.6	6,737	6,534	6,507	6,963	-3.2
Photographic equipment.....	1,469	1,458	1,474	0.8	-1.1	-3.0	1,483	1,459	1,453	1,540	-3.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,470	3,506	3,436	-1.0	2.0	2.8	3,599	3,656	3,484	4,022	-10.5
Metalworking machinery.....	3,964	3,941	3,880	0.6	1.6	0.5	3,965	3,954	3,882	4,537	-12.6
Turbines, generators, and other power transmission equipment.....	5,905	5,935	5,903	-0.5	0.5	-1.2	5,841	5,855	5,750	6,755	-13.5
Material handling equipment.....	2,945	2,932	2,921	0.4	0.4	-0.3	2,967	2,952	2,939	3,274	-9.4
Computers and electronic products ²	43,854	43,457	43,163	0.9	0.7	0.1	44,374	43,432	42,445	45,858	-3.2
Computers.....	2,209	2,078	2,046	6.3	1.6	-4.0	2,305	1,921	2,032	1,823	26.4
Computer storage devices.....	989	999	1,003	-1.0	-0.4	0.8	1,090	1,057	950	1,172	-7.0
Other peripheral equipment.....	1,392	1,413	1,437	-1.5	-1.7	-0.3	1,458	1,458	1,387	1,652	-11.7
Nondefense communications equipment.....	5,510	5,522	5,352	-0.2	3.2	-8.5	5,653	5,560	5,261	6,956	-18.7
Defense communications equipment.....	2,029	2,001	2,050	1.4	-2.4	4.5	2,029	2,001	2,050	1,741	16.5
Audio and video equipment.....	376	390	404	-3.6	-3.5	5.8	351	357	363	662	-47.0
Semiconductors ²	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Electronic components.....	7,315	7,125	6,977	2.7	2.1	3.9	7,358	7,145	6,806	6,770	8.7
Nondefense search and navigation equipment.....	3,752	3,772	3,768	-0.5	0.1	0.3	3,748	3,747	3,711	3,636	3.1
Defense search and navigation equipment.....	3,634	3,671	3,649	-1.0	0.6	0.1	3,665	3,727	3,641	3,323	10.3
Electromedical, measuring and control instruments.....	11,554	11,529	11,517	0.2	0.1	0.8	11,629	11,574	11,359	12,052	-3.5
Electrical equipment, appliances, and components.....	13,776	13,663	13,580	0.8	0.6	0.5	14,012	13,876	13,737	14,848	-5.6
Electric lighting equipment.....	1,572	1,572	1,563	0.0	0.6	2.1	1,617	1,605	1,563	1,741	-7.1
Household appliances.....	2,128	2,114	2,168	0.7	-2.5	-0.5	2,209	2,180	2,171	2,312	-4.5
Electrical equipment.....	4,407	4,337	4,260	1.6	1.8	1.2	4,446	4,406	4,381	4,570	-2.7
Batteries.....	981	969	952	1.2	1.8	0.4	1,008	984	952	1,057	-4.6
Transportation equipment.....	78,887	78,492	78,048	0.5	0.6	0.6	80,297	79,647	77,931	81,093	-1.0
Automobiles.....	1,634	1,564	1,511	4.5	3.5	-1.0	1,740	1,654	1,518	1,484	17.3
Light trucks and utility vehicles.....	1,865	1,780	1,817	4.8	-2.0	4.7	1,971	1,855	1,849	1,578	24.9
Heavy duty trucks.....	1,362	1,317	1,318	3.4	-0.1	-5.4	1,343	1,255	1,282	1,308	2.7
Motor vehicle bodies, parts, and trailers.....	15,443	15,419	15,220	0.2	1.3	1.0	15,669	15,766	15,369	15,781	-0.7
Nondefense aircraft and parts.....	35,921	35,561	34,914	1.0	1.9	1.6	36,778	36,108	34,691	35,777	2.8
Defense aircraft and parts.....	12,145	12,191	12,271	-0.4	-0.7	-0.9	12,208	12,191	12,204	12,124	0.7
Ships and boats.....	3,598	3,496	3,364	2.9	3.9	2.9	3,556	3,541	3,486	3,644	-2.4
Furniture and related products.....	6,232	6,107	5,981	2.0	2.1	0.5	6,335	6,071	5,917	6,693	-5.3
Miscellaneous durable goods.....	20,127	20,061	19,943	0.3	0.6	-0.2	20,269	20,065	19,735	21,265	-4.7
Nondurable goods industries.....	215,726	220,402	219,582	-2.1	0.4	0.2	216,701	218,319	218,043	211,788	2.3
Food products.....	40,524	40,475	40,411	0.1	0.2	-0.6	39,383	39,505	39,516	39,741	-0.9
Grain and oilseed milling.....	5,102	5,091	5,280	0.2	-3.6	-3.6	4,863	4,996	5,288	5,002	-2.8
Dairy products.....	5,348	5,324	5,272	0.5	1.0	0.4	5,556	5,496	5,262	5,329	4.3
Meat, poultry, and seafood products.....	7,946	7,933	7,885	0.2	0.6	0.4	7,978	7,934	7,796	7,747	3.0
Beverage and tobacco products.....	15,642	15,605	15,669	0.2	-0.4	-0.8	15,475	15,689	15,925	15,952	-3.0
Beverages.....	11,982	11,917	11,942	0.5	-0.2	-0.9	11,856	11,961	12,072	12,243	-3.2
Tobacco.....	3,660	3,688	3,727	-0.8	-1.0	-0.6	3,619	3,728	3,853	3,709	-2.4
Textile mills.....	3,011	2,996	3,000	0.5	-0.1	0.1	3,053	3,023	3,005	3,383	-9.8
Textile products.....	2,868	2,862	2,834	0.2	1.0	1.1	2,893	2,871	2,807	2,868	0.9
Apparel.....	2,337	2,353	2,379	-0.7	-1.1	-0.6	2,339	2,310	2,305	2,612	-10.5
Leather and allied products.....	850	856	863	-0.7	-0.8	0.2	849	839	841	951	-10.7
Paper products.....	14,066	13,998	13,856	0.5	1.0	0.0	14,057	14,029	13,894	14,397	-2.4
Pulp, paper, and paperboard mills.....	5,815	5,858	5,766	-0.7	1.6	-1.6	5,803	5,860	5,785	6,227	-6.8
Paperboard containers.....	3,961	3,846	3,808	3.0	1.0	3.1	3,972	3,863	3,832	3,922	1.3
Printing.....	5,319	5,368	5,366	-0.9	0.0	-1.0	5,236	5,306	5,326	5,721	-8.5
Petroleum and coal products.....	41,460	47,208	47,062	-12.2	0.3	-0.8	43,291	45,876	45,737	36,116	19.9
Petroleum refineries.....	38,767	44,624	44,540	-13.1	0.2	-0.9	40,535	43,221	43,151	33,404	21.3
Chemical products.....	70,135	69,424	69,182	1.0	0.3	1.3	70,637	69,530	69,440	71,030	-0.6
Pesticides, fertilizers, and other agricultural chemicals.....	4,431	4,281	4,263	3.5	0.4	0.5	4,321	4,338	4,714	4,313	0.2
Pharmaceuticals and medicines.....	24,745	24,601	24,836	0.6	-0.9	-0.4	24,951	24,489	24,659	28,093	-11.2
Paints, coatings, and adhesives.....	3,232	3,184	3,147	1.5	1.2	0.8	3,300	3,244	3,246	3,243	1.8
Plastics and rubber products.....	19,514	19,257	18,960	1.3	1.6	1.7	19,488	19,341	19,247	19,017	2.5

NA Not Available ^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						
	Monthly			Percent Change			Monthly				Year to date		Percent Change ⁶ 2010/ 2009
	May 2010 ^p	Apr. 2010 ^r	Mar. 2010	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2010 ^p	Apr. 2010 ^r	Mar. 2010	May 2009	2010 ^p	2009	
SHIPMENTS													
All manufacturing industries	416,813	422,133	419,787	-1.3	0.6	2.6	420,204	421,339	437,300	373,196	2,027,613	1,828,235	10.9
Construction materials and supplies.....	41,852	41,845	40,757	0.0	2.7	2.3	42,951	42,006	41,044	39,767	194,573	188,248	3.4
Information technology.....	27,077	27,095	26,584	-0.1	1.9	1.1	24,998	24,797	29,638	22,255	125,382	114,595	9.9
Computers and related products	5,881	6,056	6,001	-2.9	0.9	9.1	5,130	5,534	6,519	4,454	26,563	24,169	9.9
Motor vehicle and parts.....	29,476	29,324	28,770	0.5	1.9	4.3	29,055	29,343	31,298	24,993	145,101	131,769	10.1
Capital goods.....	72,531	73,009	73,321	-0.7	-0.4	1.9	70,655	70,905	81,476	67,033	351,865	340,568	3.3
Nondefense capital goods ³	62,540	62,423	62,245	0.2	0.3	2.5	60,819	60,730	69,534	56,235	299,003	290,295	3.0
Excluding aircraft.....	59,192	58,354	58,121	1.4	0.4	2.3	57,506	57,095	64,403	51,259	280,987	265,835	5.7
Defense capital goods ⁴	9,991	10,586	11,076	-5.6	-4.4	-1.5	9,836	10,175	11,942	10,798	52,862	50,273	5.1
Consumer goods.....	168,368	172,769	174,664	-2.5	-1.1	3.4	171,565	170,164	176,223	152,552	829,146	729,887	13.6
Consumer durable goods.....	23,830	23,856	23,798	-0.1	0.2	2.7	23,770	23,708	25,989	22,195	117,821	114,808	2.6
Consumer nondurable goods.....	144,538	148,913	150,866	-2.9	-1.3	3.5	147,795	146,456	150,234	130,357	711,325	615,079	15.6
NEW ORDERS													
All manufacturing industries ⁵	413,247	419,055	415,012	-1.4	1.0	1.7	413,756	415,131	436,921	361,593	2,013,292	1,745,698	15.3
Construction materials and supplies.....	41,644	42,060	41,583	-1.0	1.1	3.2	43,124	42,911	43,033	39,930	198,283	185,622	6.8
Information technology.....	27,281	27,076	27,272	0.8	-0.7	7.1	24,372	24,580	31,100	21,604	125,465	113,487	10.6
Computers and related products	6,175	6,005	6,374	2.8	-5.8	17.7	5,424	5,483	6,892	4,646	26,585	22,876	16.2
Motor vehicle and parts.....	29,451	29,234	28,649	0.7	2.0	4.5	28,890	29,307	30,930	24,681	144,598	130,922	10.4
Capital goods.....	74,997	76,108	71,570	-1.5	6.3	-5.7	70,109	72,603	81,849	60,986	359,162	292,784	22.7
Nondefense capital goods ³	64,715	65,483	60,600	-1.2	8.1	-6.7	61,245	63,496	68,022	50,476	305,400	243,078	25.6
Excluding aircraft.....	60,594	58,327	59,980	3.9	-2.8	6.7	58,424	57,744	66,600	48,286	286,728	247,289	15.9
Defense capital goods ⁴	10,282	10,625	10,970	-3.2	-3.1	0.0	8,864	9,107	13,827	10,510	53,762	49,706	8.2
Consumer goods.....	168,322	172,694	174,745	-2.5	-1.2	3.3	171,450	170,088	176,343	152,278	830,058	729,053	13.9
Consumer durable goods.....	23,784	23,781	23,879	0.0	-0.4	2.0	23,655	23,632	26,109	21,921	118,733	113,974	4.2
Consumer nondurable goods.....	144,538	148,913	150,866	-2.9	-1.3	3.5	147,795	146,456	150,234	130,357	711,325	615,079	15.6
UNFILLED ORDERS													
All manufacturing industries ⁵	802,805	800,948	797,869	0.2	0.4	-0.1	806,997	808,330	806,457	833,241	(X)	(X)	-3.1
Construction materials and supplies.....	53,059	53,267	53,052	-0.4	0.4	1.6	53,955	53,782	52,877	51,215	(X)	(X)	5.3
Information technology.....	117,744	117,540	117,559	0.2	0.0	0.6	118,360	118,986	119,203	121,700	(X)	(X)	-2.7
Computers and related products	5,393	5,099	5,150	5.8	-1.0	7.8	5,393	5,099	5,150	4,225	(X)	(X)	27.6
Motor vehicle and parts.....	14,122	14,147	14,237	-0.2	-0.6	-0.8	14,145	14,310	14,346	15,381	(X)	(X)	-8.0
Capital goods.....	625,034	622,568	619,469	0.4	0.5	-0.3	627,749	628,295	626,597	657,681	(X)	(X)	-4.6
Nondefense capital goods ³	485,279	483,104	480,044	0.5	0.6	-0.3	486,566	486,140	483,374	504,578	(X)	(X)	-3.6
Excluding aircraft.....	190,895	189,493	189,520	0.7	0.0	1.0	192,603	191,685	191,036	195,320	(X)	(X)	-1.4
Defense capital goods ⁴	139,755	139,464	139,425	0.2	0.0	-0.1	141,183	142,155	143,223	153,103	(X)	(X)	-7.8
Consumer goods.....	8,842	8,888	8,963	-0.5	-0.8	0.9	8,929	9,044	9,120	7,269	(X)	(X)	22.8
Consumer durable goods.....	8,842	8,888	8,963	-0.5	-0.8	0.9	8,929	9,044	9,120	7,269	(X)	(X)	22.8
TOTAL INVENTORIES													
All manufacturing industries	520,432	522,387	519,045	-0.4	0.6	0.5	524,247	522,174	517,238	528,280	(X)	(X)	-0.8
Construction materials and supplies.....	54,578	54,254	53,980	0.6	0.5	1.4	54,817	54,729	54,593	56,770	(X)	(X)	-3.4
Information technology.....	37,922	37,827	37,666	0.3	0.4	-1.1	38,456	37,870	37,183	40,084	(X)	(X)	-4.1
Computers and related products	4,590	4,490	4,486	2.2	0.1	-1.8	4,853	4,436	4,369	4,647	(X)	(X)	4.4
Motor vehicle and parts.....	20,304	20,080	19,866	1.1	1.1	0.7	20,723	20,530	20,018	20,151	(X)	(X)	2.8
Capital goods.....	144,296	143,395	142,272	0.6	0.8	-0.1	146,174	144,340	142,175	151,605	(X)	(X)	-3.6
Nondefense capital goods ³	126,419	125,403	124,055	0.8	1.1	-0.2	128,304	126,245	123,832	133,623	(X)	(X)	-4.0
Excluding aircraft.....	98,734	98,014	97,419	0.7	0.6	-0.6	99,890	98,397	97,285	106,262	(X)	(X)	-6.0
Defense capital goods ⁴	17,877	17,992	18,217	-0.6	-1.2	0.0	17,870	18,095	18,343	17,982	(X)	(X)	-0.6
Consumer goods.....	158,842	164,186	164,179	-3.3	0.0	-0.5	159,710	161,796	161,779	158,497	(X)	(X)	0.8
Consumer durable goods.....	21,762	21,445	21,371	1.5	0.3	0.4	21,999	21,544	21,325	23,227	(X)	(X)	-5.3
Consumer nondurable goods.....	137,080	142,741	142,808	-4.0	0.0	-0.7	137,711	140,252	140,454	135,270	(X)	(X)	1.8

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 May 10/09
	May 2010 ^p	Apr. 2010 ^r	Mar. 2010	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2010 ^p	Apr. 2010 ^r	Mar. 2010	May 2009	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	174,833	175,922	176,385	-0.6	-0.3	0.4	174,700	175,243	175,689	179,264	-2.5
Durable goods industries.....	104,482	103,354	102,888	1.1	0.5	0.6	104,144	103,100	102,403	110,762	-6.0
Wood products.....	3,192	3,139	3,185	1.7	-1.4	0.3	2,941	2,895	3,121	3,177	-7.4
Nonmetallic mineral products.....	4,568	4,576	4,613	-0.2	-0.8	1.6	4,574	4,600	4,636	5,023	-8.9
Primary metals.....	11,839	11,471	11,099	3.2	3.4	2.0	11,538	11,167	10,705	12,808	-9.9
Fabricated metal products.....	15,376	15,146	15,104	1.5	0.3	2.5	15,147	15,031	15,040	15,636	-3.1
Machinery.....	19,494	19,181	19,199	1.6	-0.1	0.3	19,552	19,213	19,238	21,397	-8.6
Computers and electronic products.....	14,987	14,649	14,295	2.3	2.5	0.2	14,921	14,496	14,051	15,786	-5.5
Electrical equipment, appliances, and components.....	5,503	5,432	5,421	1.3	0.2	2.7	5,580	5,477	5,506	5,868	-4.9
Transportation equipment.....	19,884	20,194	20,403	-1.5	-1.0	-1.2	20,193	20,652	20,580	20,948	-3.6
Furniture and related products.....	3,012	2,972	2,900	1.3	2.5	-0.1	3,046	2,976	2,905	3,108	-2.0
Miscellaneous products.....	6,627	6,594	6,669	0.5	-1.1	-0.2	6,652	6,593	6,621	7,011	-5.1
Nondurable goods industries.....	70,351	72,568	73,497	-3.1	-1.3	0.1	70,556	72,143	73,286	68,502	3.0
Food products.....	13,632	13,757	13,986	-0.9	-1.6	-2.2	13,375	13,769	13,951	14,085	-5.0
Beverage and tobacco products.....	4,284	4,289	4,313	-0.1	-0.6	0.5	4,252	4,299	4,397	4,267	-0.4
Textiles.....	1,107	1,108	1,112	-0.1	-0.4	1.5	1,120	1,123	1,111	1,123	-0.3
Textile products.....	1,167	1,162	1,140	0.4	1.9	1.4	1,171	1,161	1,124	1,170	0.1
Apparel.....	610	612	609	-0.3	0.5	1.8	617	615	603	673	-8.3
Leather and allied products.....	328	325	321	0.9	1.2	0.6	328	320	311	343	-4.4
Paper products.....	6,923	6,898	6,854	0.4	0.6	2.0	6,834	6,873	6,848	6,897	-0.9
Printing.....	2,294	2,292	2,259	0.1	1.5	-1.5	2,253	2,252	2,263	2,434	-7.4
Petroleum and coal products.....	9,706	11,815	12,924	-17.9	-8.6	-1.8	10,415	11,642	12,721	9,502	9.6
Chemical products.....	22,160	22,255	22,043	-0.4	1.0	1.2	22,216	22,123	22,034	20,741	7.1
Plastics and rubber products.....	8,140	8,055	7,936	1.1	1.5	2.9	7,975	7,966	7,923	7,267	9.7
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	156,773	157,467	155,685	-0.4	1.1	0.7	158,092	157,750	155,101	154,072	2.6
Durable goods industries.....	111,456	110,727	109,211	0.7	1.4	0.7	112,796	111,523	108,592	110,913	1.7
Wood products.....	1,708	1,702	1,671	0.4	1.9	3.1	1,718	1,730	1,679	1,576	9.0
Nonmetallic mineral products.....	1,289	1,283	1,309	0.5	-2.0	-1.4	1,342	1,354	1,384	1,488	-9.8
Primary metals.....	9,225	8,877	8,479	3.9	4.7	1.4	9,207	8,748	8,274	7,470	23.3
Fabricated metal products.....	11,255	11,445	11,282	-1.7	1.4	1.3	11,350	11,503	11,206	11,330	0.2
Machinery.....	13,692	13,833	13,846	-1.0	-0.1	-0.3	13,815	13,907	13,848	15,049	-8.2
Computers and electronic products.....	19,448	19,333	19,326	0.6	0.0	-0.2	19,899	19,460	19,048	19,848	0.3
Electrical equipment, appliances, and components.....	3,108	3,073	3,023	1.1	1.7	-0.3	3,168	3,131	3,042	3,249	-2.5
Transportation equipment.....	47,543	47,016	46,217	1.1	1.7	1.0	48,046	47,491	46,064	46,720	2.8
Furniture and related products.....	1,014	999	992	1.5	0.7	2.6	1,025	1,000	994	1,071	-4.3
Miscellaneous products.....	3,174	3,166	3,066	0.3	3.3	1.4	3,226	3,199	3,053	3,112	3.7
Nondurable goods industries.....	45,317	46,740	46,474	-3.0	0.6	0.7	45,296	46,227	46,509	43,159	5.0
Food products.....	3,476	3,425	3,590	1.5	-4.6	-2.8	3,035	3,147	3,496	3,200	-5.2
Beverage and tobacco products.....	5,775	5,709	5,735	1.2	-0.5	-0.8	5,575	5,616	5,842	5,628	-0.9
Textiles.....	678	670	656	1.2	2.1	0.3	683	668	652	732	-6.7
Textile products.....	491	492	488	-0.2	0.8	0.8	497	494	482	474	4.9
Apparel.....	322	325	323	-0.9	0.6	-1.8	327	328	312	349	-6.3
Leather and allied products.....	70	70	69	0.0	1.4	-2.8	72	73	75	74	-2.7
Paper products.....	1,337	1,361	1,327	-1.8	2.6	-1.4	1,341	1,359	1,328	1,423	-5.8
Printing.....	1,295	1,332	1,367	-2.8	-2.6	-2.8	1,210	1,312	1,347	1,330	-9.0
Petroleum and coal products.....	13,530	15,069	14,385	-10.2	4.8	2.7	13,925	14,993	14,586	9,624	44.7
Chemical products.....	16,133	16,105	16,399	0.2	-1.8	0.8	16,434	16,022	16,201	18,217	-9.8
Plastics and rubber products.....	2,210	2,182	2,135	1.3	2.2	1.7	2,197	2,215	2,188	2,108	4.2
<u>FINISHED GOODS</u>											
All manufacturing industries.....	188,826	188,998	186,975	-0.1	1.1	0.3	191,455	189,181	186,448	194,944	-1.8
Durable goods industries.....	88,768	87,904	87,364	1.0	0.6	0.6	90,606	89,232	88,200	94,817	-4.4
Wood products.....	4,059	3,989	3,993	1.8	-0.1	0.0	4,105	4,074	4,175	4,106	0.0
Nonmetallic mineral products.....	5,304	5,289	5,344	0.3	-1.0	-0.3	5,503	5,468	5,549	6,141	-10.4
Primary metals.....	9,647	9,438	9,095	2.2	3.8	3.8	9,804	9,620	9,213	7,953	23.3
Fabricated metal products.....	14,440	14,267	14,231	1.2	0.3	0.3	14,718	14,620	14,579	15,398	-4.4
Machinery.....	16,742	16,569	16,298	1.0	1.7	0.0	16,945	16,834	16,783	18,183	-6.8
Computers and electronic products.....	9,419	9,475	9,542	-0.6	-0.7	0.5	9,554	9,476	9,346	10,224	-6.6
Electrical equipment, appliances, and components.....	5,165	5,158	5,136	0.1	0.4	-1.2	5,264	5,268	5,189	5,731	-8.1
Transportation equipment.....	11,460	11,282	11,428	1.6	-1.3	2.5	12,058	11,504	11,287	13,425	-10.2
Furniture and related products.....	2,206	2,136	2,089	3.3	2.2	0.2	2,264	2,095	2,018	2,514	-9.9
Miscellaneous products.....	10,326	10,301	10,208	0.2	0.9	-0.6	10,391	10,273	10,061	11,142	-6.7
Nondurable goods industries.....	100,058	101,094	99,611	-1.0	1.5	0.0	100,849	99,949	98,248	100,127	0.7
Food products.....	23,416	23,293	22,835	0.5	2.0	0.9	22,973	22,589	22,069	22,456	2.3
Beverage and tobacco products.....	5,583	5,607	5,621	-0.4	-0.2	-1.9	5,648	5,774	5,686	6,057	-6.8
Textiles.....	1,226	1,218	1,232	0.7	-1.1	-1.1	1,250	1,232	1,242	1,528	-18.2
Textile products.....	1,210	1,208	1,206	0.2	0.2	1.0	1,225	1,216	1,201	1,224	0.1
Apparel.....	1,405	1,416	1,447	-0.8	-2.1	-1.3	1,395	1,367	1,390	1,590	-12.3
Leather and allied products.....	452	461	473	-2.0	-2.5	0.4	449	446	455	534	-15.9
Paper products.....	5,806	5,739	5,675	1.2	1.1	-1.9	5,882	5,797	5,718	6,077	-3.2
Printing.....	1,730	1,744	1,740	-0.8	0.2	1.0	1,773	1,742	1,716	1,957	-9.4
Petroleum and coal products.....	18,224	20,324	19,753	-10.3	2.9	-2.5	18,951	19,241	18,430	16,990	11.5
Chemical products.....	31,842	31,064	30,740	2.5	1.1	1.6	31,987	31,385	31,205	32,072	-0.3
Plastics and rubber products.....	9,164	9,020	8,889	1.6	1.5	0.6	9,316	9,160	9,136	9,642	-3.4

^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 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			
	May 2010 ^P	Apr 2010 ^r	Mar 2010	Feb 2010	May 2010 ^P	Apr 2010 ^r	Mar 2010	Feb 2010
All manufacturing industries ²	1.25	1.24	1.24	1.26	(X)	(X)	(X)	(X)
Durable goods industries ²	1.55	1.53	1.55	1.57	5.59	5.59	5.60	5.76
Wood products.....	1.24	1.21	1.27	1.31	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.34	1.34	1.38	1.44	(X)	(X)	(X)	(X)
Primary metals.....	1.52	1.49	1.43	1.48	0.92	0.93	0.93	0.97
Fabricated metal products.....	1.47	1.48	1.50	1.50	1.98	2.03	2.06	2.08
Machinery.....	2.02	2.06	2.02	2.11	4.24	4.27	4.14	4.27
Computers and electronic products ²	1.33	1.29	1.40	1.37	4.86	4.87	4.97	4.99
Electrical equipment, appliances, and components.....	1.45	1.43	1.44	1.48	2.71	2.68	2.70	2.66
Transportation equipment.....	1.68	1.62	1.62	1.65	13.83	13.36	13.37	13.80
Furniture and related products.....	1.12	1.11	1.08	1.09	1.40	1.40	1.39	1.42
Miscellaneous products.....	1.57	1.57	1.58	1.58	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.98	0.98	0.97	1.00	(X)	(X)	(X)	(X)
Food products.....	0.73	0.73	0.73	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.49	1.47	1.50	1.64	(X)	(X)	(X)	(X)
Textiles.....	1.26	1.28	1.28	1.31	(X)	(X)	(X)	(X)
Textile products.....	1.49	1.50	1.48	1.50	(X)	(X)	(X)	(X)
Apparel.....	1.84	1.81	1.83	1.87	(X)	(X)	(X)	(X)
Leather and allied products.....	2.09	2.10	2.16	2.11	(X)	(X)	(X)	(X)
Paper products.....	0.99	1.00	0.98	1.00	(X)	(X)	(X)	(X)
Printing.....	0.72	0.73	0.75	0.78	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.80	0.84	0.82	0.88	(X)	(X)	(X)	(X)
Chemical products.....	1.17	1.15	1.16	1.17	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.25	1.22	1.20	1.22	(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	
	May ¹ 2010	May ² 2009-Apr 2010	May ¹ 2010	May ² 2009-Apr 2010	May ¹ 2010	May ² 2009-Apr 2010	May ¹ 2010	May ² 2009-Apr 2010
	May ¹ 2010	Apr 2010	May ¹ 2010	Apr 2010	May ¹ 2010	Apr 2010	May ¹ 2010	Apr 2010
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.1	(X)	0.2
Durable goods industries.....	0.1	0.5	0.5	0.6	0.0	0.1	0.1	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.....	0.0	0.7	-0.2	1.2	-0.1	0.7	0.1	0.3
Fabricated metal products.....	0.3	0.5	0.3	0.8	-0.2	0.2	-0.3	0.2
Machinery.....	-0.2	0.7	3.7	1.1	0.5	0.2	0.3	0.3
Computers and electronic products.....	0.5	1.0	0.4	1.1	0.0	0.2	0.3	0.3
Electrical equipment, appliances, and components.....	-0.4	0.5	-0.3	1.3	0.0	0.5	0.1	0.4
Transportation equipment.....	0.0	1.1	0.0	1.3	0.0	0.1	0.0	0.3
Furniture and related products.....	(X)	0.5	(X)	1.4	(X)	0.9	(X)	0.4
Miscellaneous products.....	(X)	0.4	(X)	0.5	(X)	0.3	(X)	0.2
Nondurable goods industries.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
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)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	1.6	(X)	(NA)	(X)	(NA)	(X)	0.8
Paper products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.8
Petroleum and coal products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	1.3
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.5	(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 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 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>.