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Full Report on Manufacturers' Shipments, Inventories and Orders June 2009

Summary

New orders for manufactured goods in June, up four of the last five months, increased \$1.4 billion or 0.4 percent to \$349.0 billion, the U.S. Census Bureau reported today. This followed a 1.1 percent May increase. Excluding transportation, new orders increased 2.3 percent.

Shipments, up following ten consecutive monthly decreases, increased \$4.9 billion or 1.4 percent to \$358.3 billion. This followed a 0.8 percent May decrease.

Unfilled orders, down nine consecutive months, decreased \$6.5 billion or 0.9 percent to \$740.2 billion. This was the longest streak of consecutive monthly decreases since November 2001-July 2002. This followed a 0.3 percent May decrease. The unfilled orders-to-shipments ratio was 6.04, down from 6.15 in May.

Inventories, down ten consecutive months, decreased \$4.2 billion or 0.8 percent to \$508.3 billion. This was the longest streak of consecutive monthly decreases since March 2003-January 2004 and followed a 0.8 percent May decrease. The inventories-to-shipments ratio was 1.42, down from 1.45 in May.

New Orders

New orders for manufactured durable goods in June, down following two consecutive monthly increases, decreased \$3.6 billion or 2.2 percent to \$159.1 billion, revised from the previously published 2.5 percent decrease. This followed a 1.3 percent May increase.

Transportation equipment, down following two consecutive monthly increases, had the largest decrease, \$5.5 billion or 13.2 percent to \$36.4 billion.

New orders for manufactured nondurable goods increased \$5.0 billion or 2.7 percent to \$190.0 billion.

Shipments

Shipments of manufactured durable goods in June, down eleven consecutive months, decreased \$0.1 billion or 0.1 percent to \$168.3 billion, revised from the previously published 0.2 percent decrease. This also was the longest streak of consecutive monthly decreases

since the series was first published on a NAICS basis in 1992 and followed a 2.7 percent May decrease.

Computers and electronic products, down five of the last six months, had the largest decrease, \$0.4 billion or 1.6 percent to \$27.3 billion.

Shipments of manufactured nondurable goods, up two consecutive months, increased \$5.0 billion or 2.7 percent to \$190.0 billion. This followed a 0.9 percent May increase. This increase was led by petroleum and coal products, which increased \$4.3 billion or 13.2 percent to \$37.1 billion. This was the largest increase in petroleum and coal products since November 2007.

Unfilled Orders

Unfilled orders for manufactured durable goods in June, down nine consecutive months, decreased \$6.5 billion or 0.9 percent to \$740.2 billion, unchanged from the previously published decrease. This followed a 0.3 percent May decrease.

Transportation equipment, down nine consecutive months, had the largest decrease, \$6.0 billion or 1.4 percent to \$433.3 billion.

Inventories

Inventories of manufactured durable goods in June, down six consecutive months, decreased \$3.8 billion or 1.2 percent to \$317.8 billion, revised from the previously published 0.9 percent decrease. This followed a 1.2 percent May decrease.

Computers and electronic products, down six consecutive months, had the largest decrease, \$1.2 billion or 2.5 percent to \$44.4 billion.

Inventories of manufactured nondurable goods, down ten consecutive months, decreased \$0.4 billion or 0.2 percent to \$190.6 billion. This followed a 0.1 percent May decrease. Chemical products drove the decrease, down \$0.7 billion or 1.2 percent to \$63.1 billion.

By stage of fabrication, June materials and supplies decreased 1.3 percent in durable goods and increased 0.4 percent in nondurable goods. Work in process decreased 0.6 percent in durable goods and 0.8 percent in nondurable goods. Finished goods decreased 1.9 percent in durable goods and 0.4 percent in nondurable goods.

Figures in text are in seasonally adjusted current dollars. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to <http://www.census.gov/m3>.

The advance report on durable goods for July is scheduled for release on August 26, 2009, at 8:30 a.m. EDT and the full report on September 2, 2009, at 10:00 a.m. EDT. See back page for survey description.

Table 1. Value of Manufacturers' Shipments for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Year to date		
	June 2009 ^p	May 2009 ^f	Apr. 2009	May - June	Apr. - May	Mar. - Apr.	June 2009 ^p	May 2009 ^f	Apr. 2009	June 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries	358,307	353,425	356,430	1.4	-0.8	-0.5	383,142	356,944	352,699	479,381	2,132,259	2,656,674	-19.7
Excluding transportation	315,870	311,376	311,481	1.4	0.0	-0.5	336,235	314,460	309,118	421,407	1,869,135	2,327,608	-19.7
Excluding defense	344,194	339,980	343,045	1.2	-0.9	-0.5	368,078	343,612	339,805	466,796	2,054,436	2,588,809	-20.6
With unfilled orders	122,541	121,472	124,037	0.9	-2.1	-2.1	134,836	121,084	120,731	167,415	745,605	916,754	-18.7
Durable goods industries	168,339	168,483	173,180	-0.1	-2.7	-0.7	184,374	168,278	170,789	229,644	1,032,710	1,282,702	-19.5
Wood products.....	7,305	7,458	7,486	-2.1	-0.4	4.4	8,223	7,794	7,532	9,240	43,704	48,597	-10.1
Nonmetallic mineral products.....	7,394	7,342	7,317	0.7	0.3	-1.3	8,142	7,604	7,432	10,045	43,885	55,125	-20.4
Primary metals.....	12,024	12,073	12,473	-0.4	-3.2	-4.9	13,095	12,475	12,817	24,441	78,739	135,117	-41.7
Iron and steel mills.....	4,669	4,713	4,909	-0.9	-4.0	-7.7	5,127	4,826	4,974	13,060	31,941	68,566	-53.4
Aluminum and nonferrous metals.....	6,216	6,282	6,433	-1.1	-2.3	-0.7	6,696	6,542	6,675	9,382	39,315	55,523	-29.2
Ferrous metal foundries.....	1,139	1,078	1,131	5.7	-4.7	-13.7	1,272	1,107	1,168	1,999	7,483	11,028	-32.1
Fabricated metal products.....	23,304	23,223	23,804	0.3	-2.4	-2.7	24,926	23,651	23,782	29,564	143,183	165,681	-13.6
Machinery.....	23,339	23,158	22,812	0.8	1.5	-3.8	25,215	23,221	23,485	31,657	142,924	177,649	-19.5
Farm machinery.....	2,353	2,318	2,275	1.5	1.9	-7.5	2,355	2,412	2,977	2,205	15,727	14,732	6.8
Construction machinery.....	1,378	1,444	1,506	-4.6	-4.1	-7.7	1,468	1,467	1,525	2,610	9,513	14,623	-34.9
Mining, oil field, and gas field machinery.....	1,283	1,427	1,403	-10.1	1.7	-3.2	1,344	1,359	1,301	1,719	8,553	9,052	-5.5
Industrial machinery.....	2,366	2,423	2,326	-2.4	4.2	8.0	2,497	2,139	2,368	3,106	13,740	18,031	-23.8
Photographic equipment.....	504	519	506	-2.9	2.6	1.8	525	506	491	523	3,010	3,134	-4.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,466	3,529	3,378	-1.8	4.5	4.7	4,318	3,648	3,069	4,840	19,794	24,466	-19.1
Metalworking machinery.....	1,562	1,612	1,777	-3.1	-9.3	-1.8	1,653	1,525	1,668	2,531	10,281	14,482	-29.0
Turbines, generators, and other power transmission equipment.....	3,406	2,895	2,611	17.7	10.9	-19.7	3,457	2,990	2,796	4,548	18,514	23,267	-20.4
Material handling equipment.....	1,525	1,549	1,609	-1.5	-3.7	5.0	1,641	1,549	1,543	2,615	9,599	15,658	-38.7
Computers and electronic products.....	27,274	27,718	28,449	-1.6	-2.6	3.0	30,743	25,825	26,994	34,809	164,278	190,965	-14.0
Computers.....	2,490	2,535	2,553	-1.8	-0.7	3.3	2,696	2,200	2,424	3,339	14,982	18,752	-20.1
Computer storage devices.....	549	560	585	-2.0	-4.3	-0.7	940	422	307	1,115	3,200	4,007	-20.1
Other peripheral equipment.....	1,335	1,257	1,238	6.2	1.5	-7.3	1,730	1,122	997	1,739	7,374	8,103	-9.0
Nondefense communications equipment.....	4,212	3,904	3,933	7.9	-0.7	-4.5	5,485	3,515	3,175	6,547	23,360	29,912	-21.9
Defense communications equipment.....	783	675	739	16.0	-8.7	10.5	779	705	721	650	4,470	3,891	14.9
Audio and video equipment.....	489	548	471	-10.8	16.3	-7.1	441	499	388	600	2,674	3,807	-29.8
Semiconductors.....	2,775	3,472	4,059	-20.1	-14.5	40.4	2,177	3,399	5,354	3,412	20,687	30,207	-31.5
Electronic components.....	3,250	3,216	3,246	1.1	-0.9	-1.9	3,734	3,045	2,953	4,452	19,380	23,907	-18.9
Nondefense search and navigation equipment.....	815	837	831	-2.6	0.7	-6.6	918	820	778	1,095	5,142	5,948	-13.6
Defense search and navigation equipment.....	2,814	2,760	2,718	2.0	1.5	-0.6	2,911	2,742	2,720	2,810	16,072	16,344	-1.7
Electromedical, measuring, and control instruments.....	7,315	7,474	7,555	-2.1	-1.1	-0.8	8,504	6,936	6,722	8,496	44,328	43,027	3.0
Electrical equipment, appliances, and components.....	8,273	8,297	8,613	-0.3	-3.7	1.5	8,966	8,302	8,464	11,375	50,385	63,578	-20.8
Electric lighting equipment.....	918	948	950	-3.2	-0.2	-3.0	974	930	914	1,076	5,671	6,103	-7.1
Household appliances.....	1,677	1,728	1,778	-3.0	-2.8	1.8	1,857	1,768	1,777	2,055	10,082	11,349	-11.2
Electrical equipment.....	2,573	2,559	2,665	0.5	-4.0	0.0	2,904	2,509	2,557	3,970	16,081	21,473	-25.1
Batteries.....	733	687	721	6.7	-4.7	11.4	716	643	660	800	3,868	4,569	-15.3
Transportation equipment.....	42,437	42,049	44,949	0.9	-6.5	-0.2	46,907	42,484	43,581	57,974	263,124	329,066	-20.0
Automobiles.....	4,376	4,157	4,863	5.3	-14.5	8.7	4,793	4,076	4,642	7,188	27,036	43,838	-38.3
Light trucks and utility vehicles.....	4,373	5,021	5,728	-12.9	-12.3	-1.9	4,824	5,095	5,481	9,177	32,694	56,466	-42.1
Heavy duty trucks.....	1,049	959	1,023	9.4	-6.3	-8.3	1,129	924	1,018	1,377	6,509	8,801	-26.0
Motor vehicle bodies, parts, and trailers.....	12,824	12,643	13,416	1.4	-5.8	2.3	13,845	13,151	13,820	17,403	80,476	103,627	-22.3
Nondefense aircraft and parts.....	7,298	7,218	7,764	1.1	-7.0	-2.5	8,790	7,249	7,087	10,191	46,402	50,587	-8.3
Defense aircraft and parts.....	6,180	5,693	5,302	8.6	7.4	-4.1	6,740	5,567	4,968	5,198	31,709	25,878	22.5
Ships and boats.....	1,820	1,872	2,120	-2.8	-11.7	20.2	1,975	1,987	2,117	2,618	11,767	14,554	-19.1
Furniture and related products.....	5,119	5,138	5,151	-0.4	-0.3	-2.6	5,238	5,123	4,986	6,700	30,730	38,789	-20.8
Miscellaneous durable goods.....	11,870	12,027	12,126	-1.3	-0.8	0.1	12,919	11,799	11,716	13,839	71,758	78,135	-8.2
Nondurable goods industries.....	189,968	184,942	183,250	2.7	0.9	-0.2	198,768	188,666	181,910	249,737	1,099,549	1,373,972	-20.0
Food products.....	49,982	49,435	50,086	1.1	-1.3	-0.7	50,074	48,859	48,581	51,263	293,340	298,369	-1.7
Grain and oilseed milling.....	6,230	5,779	5,702	7.8	1.4	-2.2	6,208	5,273	5,397	5,940	33,748	34,258	-1.5
Dairy products.....	5,823	6,034	6,301	-3.5	-4.2	0.5	5,869	6,181	6,057	7,287	36,143	43,707	-17.3
Meat, poultry, and seafood products.....	14,327	14,230	14,521	0.7	-2.0	-1.9	14,925	14,460	14,214	16,096	86,344	89,871	-3.9
Beverage and tobacco products.....	11,295	11,057	11,451	2.2	-3.4	3.8	11,760	11,796	11,266	12,080	66,803	67,382	-0.9
Beverages.....	7,414	7,469	7,667	-0.7	-2.6	-1.8	7,879	8,208	7,482	8,231	45,226	45,744	-1.1
Tobacco.....	3,881	3,588	3,784	8.2	-5.2	17.4	3,881	3,588	3,784	3,849	21,577	21,638	-0.3
Textile mills.....	2,226	2,229	2,242	-0.1	-0.6	1.9	2,354	2,266	2,256	3,012	13,410	17,480	-23.3
Textile products.....	1,707	1,758	1,815	-2.9	-3.1	1.2	1,851	1,830	1,823	2,524	10,796	14,196	-24.0
Apparel.....	2,128	2,120	2,178	0.4	-2.7	-0.5	2,059	2,006	1,981	2,602	12,541	15,163	-17.3
Leather and allied products.....	431	412	416	4.6	-1.0	-0.5	454	373	392	470	2,458	2,863	-14.1
Paper products.....	12,785	12,778	12,845	0.1	-0.5	-1.2	13,349	12,784	12,570	14,758	77,151	86,037	-10.3
Pulp, paper, and paperboard mills.....	6,098	6,113	6,147	-0.2	-0.6	-0.4	6,298	6,078	6,046	6,975	36,854	41,558	-11.3
Paperboard containers.....	3,432	3,404	3,503	0.8	-2.8	-2.2	3,599	3,360	3,467	4,204	20,802	24,290	-14.4
Printing.....	7,238	7,407	7,586	-2.3	-2.4	-0.3	7,146	7,238	7,426	8,139	43,731	48,427	-9.7
Petroleum and coal products.....	37,111	32,776	29,869	13.2	9.7	0.3	40,332	34,935	29,587	73,292	187,209	363,551	-48.5
Petroleum refineries.....	34,374	30,075	27,134	14.3	10.8	0.7	37,119	32,151	26,950	69,891	171,021	348,080	-50.9
Chemical products.....	50,206	50,073	49,817	0.3	0.5	-0.7	53,225	51,131	50,901	62,337	302,139	352,864	-14.4
Pesticides, fertilizers, and other agricultural chemicals.....	2,949	3,164	3,124	-6.8	1.3	-0.5	3,230	4,211	4,258	4,232	21,201	23,891	-11.3
Pharmaceuticals and medicines.....	14,592	14,474	14,376	0.8	0.7	-0.8	14,522	14,150	14,407	14,169	85,725	85,652	0.1
Paints, coatings, and adhesives.....	2,548	2,509	2,509	1.6	0.0	1.6	2,814	2,703	2,739	2,932	15,269	17,024	-10.3
Plastics and rubber products.....	14,859	14,897	14,945	-0.3	-0.3	-0.5	16,164	15,448	15,127	19,260	89,971	107,640	-16.4

^p Preliminary^f Revised

NA Not available.

¹ Shipments are the totals for the period and are adjusted for trading-day and calendar-month variations.

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

Table 2. Value of Manufacturers' New Orders for Industry Groups**[Millions of Dollars]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly			Year to date			
	June 2009 ^p	May 2009 ^r	Apr. 2009	May - June	Apr. - May	Mar. - Apr.	June 2009 ^p	May 2009 ^r	Apr. 2009	June 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries ²	349,027	347,616	343,760	0.4	1.1	0.5	370,843	347,808	335,775	478,082	2,053,707	2,674,329	-23.2
Excluding transportation ²	312,637	305,681	302,992	2.3	0.9	-0.2	331,123	308,396	300,016	418,673	1,825,736	2,321,053	-21.3
Excluding defense ²	336,885	332,561	329,548	1.3	0.9	-0.1	358,352	335,119	323,923	463,443	1,979,578	2,601,936	-23.9
With unfilled orders ²	116,036	119,135	115,426	-2.6	3.2	1.7	124,714	115,347	109,161	169,528	687,740	964,616	-28.7
Durable goods industries ²	159,059	162,674	160,510	-2.2	1.3	1.4	172,075	159,142	153,865	228,345	954,158	1,300,357	-26.6
Primary metals.....	12,695	11,649	11,668	9.0	-0.2	0.2	13,744	11,997	12,042	24,296	74,939	137,680	-45.6
Iron and steel mills.....	5,460	4,507	4,452	21.1	1.2	5.5	5,886	4,636	4,590	12,866	30,110	70,766	-57.5
Aluminum and nonferrous metals.....	6,083	6,136	6,183	-0.9	-0.8	-0.3	6,598	6,339	6,394	9,509	37,978	55,865	-32.0
Ferrous metal foundries.....	1,152	1,006	1,033	14.5	-2.6	-15.3	1,260	1,022	1,058	1,921	6,851	11,049	-38.0
Fabricated metal products.....	22,343	22,410	23,009	-0.3	-2.6	3.4	23,416	23,501	23,163	28,949	137,263	170,173	-19.3
Machinery.....	23,351	22,272	20,772	4.8	7.2	0.2	24,054	21,865	21,829	31,707	132,067	188,601	-30.0
Construction machinery.....	1,115	1,007	919	10.7	9.6	145.7	940	847	927	2,316	5,455	17,771	-69.3
Mining, oil field, and gas field machinery.....	1,210	1,104	1,194	9.6	-7.5	1.6	1,172	1,098	1,095	2,012	6,846	10,742	-36.3
Industrial machinery.....	2,282	2,267	1,303	0.7	74.0	11.5	2,231	1,801	1,564	2,627	10,519	19,279	-45.4
Photographic equipment.....	506	522	471	-3.1	10.8	0.4	502	482	459	505	3,003	3,327	-9.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,081	3,847	3,964	6.1	-3.0	8.8	4,676	4,196	3,848	5,486	22,294	26,160	-14.8
Metalworking machinery.....	1,515	1,665	1,459	-9.0	14.1	-6.2	1,533	1,567	1,369	2,592	9,224	15,421	-40.2
Turbines, generators, and other power transmission equipment.....	3,188	2,651	2,429	20.3	9.1	-22.7	3,158	2,659	2,615	4,488	17,157	24,203	-29.1
Material handling equipment.....	1,466	1,598	1,516	-8.3	5.4	11.2	1,600	1,513	1,381	2,516	8,623	15,648	-44.9
Computers and electronic products ²	24,641	24,769	24,177	-0.5	2.4	-3.5	28,136	21,937	21,222	31,915	142,995	163,413	-12.5
Computers.....	2,568	2,818	2,176	-8.9	29.5	-9.0	2,774	2,483	2,047	3,685	14,486	18,992	-23.7
Nondefense communications equipment.....	4,515	4,164	3,886	8.4	7.2	-5.2	5,309	3,838	3,386	5,352	23,829	29,947	-20.4
Defense communications equipment.....	388	788	1,096	-50.8	-28.1	94.3	551	569	914	1,368	4,961	4,797	3.4
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	3,340	3,188	3,228	4.8	-1.2	-2.1	3,822	2,985	2,928	4,516	19,215	24,410	-21.3
Nondefense search and navigation equipment.....	788	824	834	-4.4	-1.2	-18.6	779	695	750	1,476	4,750	6,524	-27.2
Defense search and navigation equipment.....	2,936	2,965	2,906	-1.0	2.0	-1.4	2,901	2,394	2,652	2,692	16,877	16,340	3.3
Electromedical, measuring, and control instruments.....	7,286	7,177	7,236	1.5	-0.8	-7.5	8,461	6,510	6,398	8,818	43,020	43,426	-0.9
Electrical equipment, appliances, and components.....	8,050	7,947	8,111	1.3	-2.0	-0.9	8,526	8,085	8,078	12,027	48,994	66,173	-26.0
Electric lighting equipment.....	832	847	775	-1.8	9.3	-22.7	900	867	783	1,313	5,501	6,621	-16.9
Household appliances.....	1,646	1,716	1,817	-4.1	-5.6	2.9	1,758	1,766	1,808	1,980	10,129	11,455	-11.6
Electrical equipment.....	2,524	2,430	2,560	3.9	-5.1	9.1	2,771	2,433	2,571	4,419	15,008	22,931	-34.6
Transportation equipment.....	36,390	41,935	40,768	-13.2	2.9	6.3	39,720	39,412	35,759	59,409	227,971	353,276	-35.5
Motor vehicle bodies, parts, and trailers.....	12,741	12,551	13,167	1.5	-4.7	1.0	13,549	12,836	13,716	17,020	79,273	102,313	-22.5
Nondefense aircraft and parts.....	3,916	6,383	3,980	-38.6	60.4	-1.3	4,960	5,100	1,007	11,214	21,657	73,799	-70.7
Defense aircraft and parts.....	7,081	5,435	5,417	30.3	0.3	1.2	7,476	4,500	4,650	5,062	31,865	27,523	15.8
Ships and boats.....	1,350	1,628	1,861	-17.1	-12.5	63.4	1,313	1,350	1,492	2,877	8,273	14,979	-44.8
Furniture and related products.....	4,992	5,066	5,144	-1.5	-1.5	-5.1	5,167	5,349	5,160	6,869	31,460	39,732	-20.8
Nondurable goods industries.....	189,968	184,942	183,250	2.7	0.9	-0.2	198,768	188,666	181,910	249,737	1,099,549	1,373,972	-20.0

^p Preliminary^r Revised

NA Not available.

¹ New orders are the totals for the period and are adjusted for trading-day and calendar-month variations.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. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-3(07), "Manufacturers' Shipments, Inventories, and Orders: 2004-2007."

Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups**[Millions of Dollars]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change June 09/08
	June 2009 ^p	May 2009 ^r	Apr. 2009	May - June	Apr. - May	Mar. - Apr.	June 2009 ^p	May 2009 ^r	Apr. 2009	June 2008	
All manufacturing industries ¹	740,239	746,744	749,081	-0.9	-0.3	-1.1	740,888	751,010	756,747	819,678	-9.6
Excluding transportation ¹	306,970	307,428	309,651	-0.1	-0.7	-1.4	308,206	311,141	313,806	358,673	-14.1
Excluding defense ¹	581,744	586,278	590,225	-0.8	-0.7	-1.6	582,026	589,575	594,669	663,841	-12.3
Durable goods industries ¹	740,239	746,744	749,081	-0.9	-0.3	-1.1	740,888	751,010	756,747	819,678	-9.6
Primary metals.....	14,207	13,536	13,960	5.0	-3.0	-5.5	14,527	13,878	14,356	29,826	-51.3
Iron and steel mills.....	7,293	6,502	6,708	12.2	-3.1	-6.4	7,517	6,758	6,948	18,650	-59.7
Aluminum and nonferrous metals.....	4,782	4,915	5,061	-2.7	-2.9	-4.7	4,891	4,989	5,192	8,219	-40.5
Ferrous metal foundries.....	2,132	2,119	2,191	0.6	-3.3	-4.3	2,119	2,131	2,216	2,957	-28.3
Fabricated metal products.....	49,797	50,758	51,571	-1.9	-1.6	-1.5	50,815	52,325	52,475	63,911	-20.5
Machinery.....	87,589	87,577	88,463	0.0	-1.0	-2.3	87,054	88,215	89,571	101,339	-14.1
Construction machinery.....	8,566	8,829	9,266	-3.0	-4.7	-6.0	8,474	9,002	9,622	14,224	-40.4
Mining, oil field, and gas field machinery.....	5,673	5,746	6,069	-1.3	-5.3	-3.3	5,574	5,746	6,007	6,521	-14.5
Industrial machinery.....	11,260	11,344	11,500	-0.7	-1.4	-8.2	11,200	11,466	11,804	16,159	-30.7
Photographic equipment.....	1,806	1,804	1,801	0.1	0.2	-1.9	1,790	1,813	1,837	1,699	5.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	18,832	18,217	17,899	3.4	1.8	3.4	18,649	18,291	17,743	15,192	22.8
Metalworking machinery.....	6,760	6,807	6,754	-0.7	0.8	-4.5	6,758	6,878	6,836	8,618	-21.6
Turbines, generators, and other power transmission equipment.....	13,305	13,523	13,767	-1.6	-1.8	-1.3	13,360	13,659	13,990	14,464	-7.6
Material handling equipment.....	8,011	8,070	8,021	-0.7	0.6	-1.1	8,095	8,136	8,172	9,896	-18.2
Computers and electronic products ¹	123,968	123,826	123,303	0.1	0.4	-0.2	123,983	124,413	124,902	124,422	-0.4
Computers.....	3,594	3,516	3,233	2.2	8.8	-10.4	3,594	3,516	3,233	3,957	-9.2
Nondefense communications equipment.....	28,707	28,404	28,144	1.1	0.9	-0.2	28,831	29,007	28,684	28,762	0.2
Defense communications equipment.....	8,857	9,252	9,139	-4.3	1.2	4.1	8,883	9,111	9,247	8,596	3.3
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	9,940	9,850	9,878	0.9	-0.3	-0.2	9,915	9,827	9,887	10,759	-7.8
Nondefense search and navigation equipment.....	8,456	8,483	8,496	-0.3	-0.2	0.0	8,342	8,481	8,606	7,177	16.2
Defense search and navigation equipment.....	37,647	37,525	37,320	0.3	0.5	0.5	37,738	37,748	38,096	37,197	1.5
Electromedical, measuring, and control instruments.....	26,767	26,796	27,093	-0.1	-1.1	-1.2	26,680	26,723	27,149	27,974	-4.6
Electrical equipment, appliances, and components.....	20,120	20,343	20,693	-1.1	-1.7	-2.4	20,208	20,648	20,865	25,659	-21.2
Electric lighting equipment.....	1,765	1,851	1,952	-4.6	-5.2	-8.2	1,850	1,924	1,987	2,874	-35.6
Household appliances.....	437	468	480	-6.6	-2.5	8.8	380	479	481	678	-44.0
Electrical equipment.....	13,220	13,269	13,398	-0.4	-1.0	-0.8	13,224	13,357	13,433	16,187	-18.3
Transportation equipment.....	433,269	439,316	439,430	-1.4	0.0	-0.9	432,682	439,869	442,941	461,005	-6.1
Motor vehicle bodies, parts, and trailers.....	14,678	14,761	14,853	-0.6	-0.6	-1.6	14,446	14,742	15,057	17,251	-16.3
Nondefense aircraft and parts.....	283,915	287,297	288,132	-1.2	-0.3	-1.3	283,365	287,195	289,344	303,827	-6.7
Defense aircraft and parts.....	48,211	47,310	47,568	1.9	-0.5	0.2	48,383	47,647	48,714	44,947	7.6
Ships and boats.....	19,459	19,929	20,173	-2.4	-1.2	-1.3	19,450	20,112	20,749	20,428	-4.8
Furniture and related products.....	6,187	6,314	6,386	-2.0	-1.1	-0.1	6,517	6,588	6,362	7,707	-15.4

^p Preliminary ^r Revised NA Not available.¹ Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled orders exclude semiconductor industry data.
See note at end of Table 2 relating to survey error and revision.

Table 4. Value of Manufacturers' Inventories for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change June 09/08
	June 2009 ^p	May 2009 ^r	Apr. 2009	May - June	Apr. - May	Mar. - Apr.	June 2009 ^p	May 2009 ^r	Apr. 2009	June 2008	
All manufacturing industries	508,339	512,515	516,545	-0.8	-0.8	-1.2	503,887	513,561	516,401	553,170	-8.9
Excluding transportation	415,077	419,309	423,090	-1.0	-0.9	-1.5	411,669	419,671	422,379	466,631	-11.8
Excluding defense	482,332	486,259	490,284	-0.8	-0.8	-1.3	477,879	487,156	490,039	528,585	-9.6
With unfilled orders	255,341	258,790	261,835	-1.3	-1.2	-1.2	252,382	259,982	262,556	265,041	-4.8
Durable goods industries	317,763	321,576	325,404	-1.2	-1.2	-1.2	313,776	322,811	326,277	330,660	-5.1
Wood products.....	9,772	9,911	10,165	-1.4	-2.5	-2.3	9,508	9,668	10,053	10,161	-6.4
Nonmetallic mineral products.....	11,436	11,487	11,513	-0.4	-0.2	-1.0	11,466	11,713	11,781	11,948	-4.0
Primary metals.....	26,310	27,067	27,958	-2.8	-3.2	-3.6	26,073	26,889	27,684	33,543	-22.3
Iron and steel mills.....	14,889	15,556	16,267	-4.3	-4.4	-4.2	14,667	15,344	16,006	18,511	-20.8
Aluminum and nonferrous metals.....	9,057	9,103	9,200	-0.5	-1.1	-2.9	9,128	9,170	9,197	12,437	-26.6
Ferrous metal foundries.....	2,364	2,408	2,491	-1.8	-3.3	-2.5	2,278	2,375	2,481	2,595	-12.2
Fabricated metal products.....	38,872	39,625	40,410	-1.9	-1.9	-2.4	38,541	39,510	40,513	43,445	-11.3
Machinery.....	51,074	51,583	52,349	-1.0	-1.5	-1.5	50,224	51,843	52,708	53,300	-5.8
Farm machinery.....	3,242	3,256	3,292	-0.4	-1.1	-1.9	3,127	3,243	3,377	2,998	4.3
Construction machinery.....	5,043	5,203	5,328	-3.1	-2.3	-0.4	5,028	5,301	5,453	5,564	-9.6
Mining, oil field, and gas field machinery.....	4,824	4,782	4,792	0.9	-0.2	0.3	4,824	4,857	4,841	4,260	13.2
Industrial machinery.....	6,434	6,430	6,569	0.1	-2.1	-2.0	6,501	6,512	6,512	6,838	-4.9
Photographic equipment.....	1,429	1,446	1,462	-1.2	-1.1	-3.2	1,428	1,480	1,495	1,370	4.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,105	4,096	4,170	0.2	-1.8	-1.8	3,993	4,222	4,317	4,736	-15.7
Metalworking machinery.....	4,773	4,831	5,008	-1.2	-3.5	-3.0	4,646	4,795	4,976	5,190	-10.5
Turbines, generators, and other power transmission equipment.....	5,421	5,628	5,731	-3.7	-1.8	-0.8	5,164	5,603	5,649	5,816	-11.2
Material handling equipment.....	2,942	2,997	3,048	-1.8	-1.7	-2.9	2,918	3,002	3,064	3,439	-15.1
Computers and electronic products	44,440	45,590	45,970	-2.5	-0.8	-0.7	43,430	45,930	45,864	45,427	-4.4
Computers.....	1,016	1,014	1,175	0.2	-13.7	-5.4	1,026	1,025	1,098	1,371	-25.2
Computer storage devices.....	1,282	1,323	1,335	-3.1	-0.9	-1.8	1,182	1,415	1,377	1,518	-22.1
Other peripheral equipment.....	2,046	2,069	2,089	-1.1	-1.0	-0.2	1,953	2,128	2,103	1,998	-2.3
Nondefense communications equipment.....	7,436	8,427	8,360	-11.8	0.8	-0.2	7,055	8,498	8,356	7,865	-10.3
Defense communications equipment.....	2,132	2,071	1,967	2.9	5.3	2.4	2,132	2,071	1,967	1,410	51.2
Audio and video equipment.....	711	731	788	-2.7	-7.2	1.9	665	686	690	896	-25.8
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,092	6,193	6,283	-1.6	-1.4	-0.5	5,994	6,232	6,310	6,504	-7.8
Nondefense search and navigation equipment.....	4,881	4,904	4,879	-0.5	0.5	0.6	4,828	4,902	4,854	4,770	1.2
Defense search and navigation equipment.....	3,477	3,544	3,541	-1.9	0.1	-1.7	3,442	3,589	3,580	3,485	-1.2
Electromedical, measuring and control instruments.....	10,781	10,733	10,876	0.4	-1.3	-0.1	10,567	10,828	10,889	10,336	2.2
Electrical equipment, appliances, and components.....	12,972	13,194	13,390	-1.7	-1.5	-2.2	12,860	13,369	13,585	15,177	-15.3
Electric lighting equipment.....	1,456	1,525	1,557	-4.5	-2.1	-2.3	1,481	1,577	1,585	1,835	-19.3
Household appliances.....	2,097	2,075	2,040	1.1	1.7	1.1	2,086	2,126	2,112	1,975	5.6
Electrical equipment.....	4,154	4,240	4,365	-2.0	-2.9	-4.9	3,993	4,217	4,393	5,131	-22.2
Batteries.....	716	705	705	1.6	0.0	-1.0	726	721	720	812	-10.6
Transportation equipment.....	93,262	93,206	93,455	0.1	-0.3	0.3	92,218	93,890	94,022	86,539	6.6
Automobiles.....	1,842	1,883	1,995	-2.2	-5.6	-2.5	1,696	1,861	1,976	2,343	-27.6
Light trucks and utility vehicles.....	1,748	1,741	1,841	0.4	-5.4	-4.0	1,758	1,762	1,893	2,892	-39.2
Heavy duty trucks.....	1,478	1,466	1,489	0.8	-1.5	-1.6	1,476	1,450	1,461	1,564	-5.6
Motor vehicle bodies, parts, and trailers.....	13,764	13,840	13,990	-0.5	-1.1	-2.2	13,603	13,892	14,096	16,570	-17.9
Nondefense aircraft and parts.....	47,613	47,121	47,038	1.0	0.2	0.8	47,000	47,537	47,311	37,431	25.6
Defense aircraft and parts.....	15,526	15,482	15,543	0.3	-0.4	2.2	15,604	15,591	15,571	14,594	6.9
Ships and boats.....	2,673	2,940	2,860	-9.1	2.8	-4.0	2,629	2,878	2,872	2,821	-6.8
Furniture and related products.....	6,500	6,671	6,849	-2.6	-2.6	-3.1	6,602	6,754	6,813	8,108	-18.6
Miscellaneous durable goods.....	23,125	23,242	23,345	-0.5	-0.4	-1.0	22,854	23,245	23,254	23,012	-0.7
Nondurable goods industries.....	190,576	190,939	191,141	-0.2	-0.1	-1.1	190,111	190,750	190,124	222,510	-14.6
Food products.....	35,755	36,055	35,933	-0.8	0.3	-0.1	34,773	35,037	34,914	36,885	-5.7
Grain and oilseed milling.....	4,607	4,539	4,384	1.5	3.5	3.3	4,560	4,382	4,241	5,078	-10.2
Dairy products.....	4,279	4,387	4,437	-2.5	-1.1	-1.1	4,419	4,559	4,552	4,622	-4.4
Meat, poultry, and seafood products.....	6,982	7,134	7,127	-2.1	0.1	0.9	6,877	7,141	7,071	7,582	-9.3
Beverage and tobacco products.....	15,434	15,461	15,484	-0.2	-0.1	-0.2	14,950	15,299	15,596	14,634	2.2
Beverages.....	11,429	11,440	11,490	-0.1	-0.4	-0.3	11,089	11,312	11,563	10,974	1.0
Tobacco.....	4,005	4,021	3,994	-0.4	0.7	-0.1	3,861	3,987	4,033	3,660	5.5
Textile mills.....	3,268	3,308	3,382	-1.2	-2.2	-0.4	3,204	3,298	3,371	3,592	-10.8
Textile products.....	2,738	2,779	2,813	-1.5	-1.2	-2.2	2,719	2,771	2,798	3,237	-16.0
Apparel.....	3,894	3,927	3,986	-0.8	-1.5	-1.7	4,001	3,892	3,881	4,614	-13.3
Leather and allied products.....	1,055	1,065	1,074	-0.9	-0.8	-2.3	1,050	1,057	1,053	1,002	4.8
Paper products.....	13,804	13,769	14,011	0.3	-1.7	-1.8	13,741	13,828	14,125	15,451	-11.1
Pulp, paper, and paperboard mills.....	5,969	5,931	6,040	0.6	-1.8	-2.3	5,952	5,984	6,107	6,864	-13.3
Paperboard containers.....	3,839	3,840	3,950	0.0	-2.8	-0.8	3,802	3,841	3,975	4,194	-9.3
Printing.....	5,842	5,946	6,037	-1.7	-1.5	-3.6	5,821	5,840	5,929	6,886	-15.5
Petroleum and coal products.....	26,304	25,352	24,498	3.8	3.5	-0.7	27,574	26,092	24,352	45,482	-39.4
Petroleum refineries.....	24,101	23,112	22,147	4.3	4.4	-0.2	25,384	23,838	21,951	43,053	-41.0
Chemical products.....	63,075	63,812	64,353	-1.2	-0.8	-1.6	63,248	64,283	64,427	68,589	-7.8
Pesticides, fertilizers, and other agricultural chemicals.....	3,194	3,310	3,338	-3.5	-0.8	0.3	2,872	3,328	3,446	2,905	-1.1
Pharmaceuticals and medicines.....	24,319	25,247	25,277	-3.7	-0.1	0.2	24,784	25,418	25,138	24,253	2.2
Paints, coatings, and adhesives.....	2,943	2,964	2,993	-0.7	-1.0	-1.3	2,994	3,009	3,049	3,226	-7.2
Plastics and rubber products.....	19,407	19,465	19,570	-0.3	-0.5	-0.7	19,030	19,353	19,678	22,138	-14.0

^p Preliminary ^r Revised NA Not available.¹ Inventories for semiconductor industry data are included in computers and electronic products and total durable goods industries, 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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly				Year to date		Percent Change ⁶ 2009/2008
	June 2009 ^p	May 2009 ^r	Apr. 2009	May - June	Apr. - May	Mar. - Apr.	June 2009 ^p	May 2009 ^r	Apr. 2009	June 2008	2009 ^p	2008	
SHIPMENTS													
All manufacturing industries	358,307	353,425	356,430	1.4	-0.8	-0.5	383,142	356,944	352,699	479,381	2,132,259	2,656,674	-19.7
Construction materials and supplies.....	37,362	37,346	37,676	0.0	-0.9	0.0	41,647	38,602	37,563	48,525	223,912	261,340	-14.3
Information technology.....	24,125	23,924	24,149	0.8	-0.9	-0.9	27,872	22,339	21,734	30,942	141,904	160,069	-11.3
Computers and related products	4,374	4,352	4,376	0.5	-0.5	-0.4	5,366	3,744	3,728	6,193	25,556	30,862	-17.2
Motor vehicle and parts.....	22,622	22,780	25,030	-0.7	-9.0	2.0	24,591	23,246	24,961	35,145	146,715	212,732	-31.0
Capital goods.....	66,952	66,240	66,759	1.1	-0.8	-1.9	74,171	64,692	64,182	84,965	401,461	458,777	-12.5
Nondefense capital goods ³	56,132	55,904	56,467	0.4	-1.0	-2.8	62,863	54,279	54,181	75,516	341,453	406,139	-15.9
Excluding aircraft.....	52,373	52,032	52,243	0.7	-0.4	-2.9	58,263	50,195	50,352	69,938	316,779	378,721	-16.4
Defense capital goods ⁴	10,820	10,336	10,292	4.7	0.4	2.7	11,308	10,413	10,001	9,449	60,008	52,638	14.0
Consumer goods.....	146,129	141,571	141,233	3.2	0.2	0.1	151,592	143,504	138,371	196,794	841,491	1,091,351	-22.9
Consumer durable goods.....	20,867	21,489	23,020	-2.9	-6.7	0.9	22,508	21,579	22,416	31,753	133,678	189,822	-29.6
Consumer nondurable goods.....	125,262	120,082	118,213	4.3	1.6	0.0	129,084	121,925	115,955	165,041	707,813	901,529	-21.5
NEW ORDERS													
All manufacturing industries ⁵	349,027	347,616	343,760	0.4	1.1	0.5	370,843	347,808	335,775	478,082	2,053,707	2,674,329	-23.2
Construction materials and supplies.....	37,397	36,884	37,311	1.4	-1.1	2.9	41,264	38,866	37,714	49,002	221,494	266,414	-16.9
Information technology.....	24,122	24,370	23,658	-1.0	3.0	-4.0	27,197	21,810	21,009	31,419	141,271	162,927	-13.3
Computers and related products	4,452	4,635	3,999	-3.9	15.9	-7.3	5,444	4,027	3,351	6,539	25,060	31,102	-19.4
Motor vehicle and parts.....	22,539	22,688	24,781	-0.7	-8.4	1.3	24,295	22,931	24,857	34,762	145,512	211,418	-31.2
Capital goods.....	60,575	65,137	59,890	-7.0	8.8	1.3	65,468	60,115	54,159	87,829	354,879	497,474	-28.7
Nondefense capital goods ³	51,878	53,099	48,648	-2.3	9.1	-3.5	56,849	49,862	44,974	76,478	297,905	441,681	-32.6
Excluding aircraft.....	51,633	50,326	48,241	2.6	4.3	-3.5	55,962	48,046	47,013	69,878	300,282	392,813	-23.6
Defense capital goods ⁴	8,697	12,038	11,242	-27.8	7.1	28.8	8,619	10,253	9,185	11,351	56,974	55,793	2.1
Consumer goods.....	146,120	141,300	141,185	3.4	0.1	0.0	151,410	143,227	138,349	196,613	840,743	1,090,813	-22.9
Consumer durable goods.....	20,858	21,218	22,972	-1.7	-7.6	0.3	22,326	21,302	22,394	31,572	132,930	189,284	-29.8
Consumer nondurable goods.....	125,262	120,082	118,213	4.3	1.6	0.0	129,084	121,925	115,955	165,041	707,813	901,529	-21.5
UNFILLED ORDERS													
All manufacturing industries ⁵	740,239	746,744	749,081	-0.9	-0.3	-1.1	740,888	751,010	756,747	819,678	(X)	(X)	-9.6
Construction materials and supplies.....	47,401	47,366	47,828	0.1	-1.0	-0.8	47,966	48,349	48,085	55,642	(X)	(X)	-13.8
Information technology.....	120,532	120,535	120,089	0.0	0.4	-0.4	120,612	121,287	121,816	121,282	(X)	(X)	-0.6
Computers and related products	3,594	3,516	3,233	2.2	8.8	-10.4	3,594	3,516	3,233	3,957	(X)	(X)	-9.2
Motor vehicle and parts.....	14,678	14,761	14,853	-0.6	-0.6	-1.6	14,446	14,742	15,057	17,251	(X)	(X)	-16.3
Capital goods.....	567,335	573,712	574,815	-1.1	-0.2	-1.2	567,353	576,056	580,633	614,154	(X)	(X)	-7.6
Nondefense capital goods ³	424,966	429,220	432,025	-1.0	-0.6	-1.8	424,722	430,736	435,153	474,357	(X)	(X)	-10.5
Excluding aircraft.....	176,302	177,042	178,748	-0.4	-1.0	-2.2	176,685	178,986	181,135	202,876	(X)	(X)	-12.9
Defense capital goods ⁴	142,369	144,492	142,790	-1.5	1.2	0.7	142,631	145,320	145,480	139,797	(X)	(X)	2.0
Consumer goods.....	7,368	7,377	7,648	-0.1	-3.5	-0.6	7,249	7,431	7,708	8,626	(X)	(X)	-16.0
Consumer durable goods.....	7,368	7,377	7,648	-0.1	-3.5	-0.6	7,249	7,431	7,708	8,626	(X)	(X)	-16.0
TOTAL INVENTORIES													
All manufacturing industries	508,339	512,515	516,545	-0.8	-0.8	-1.2	503,887	513,561	516,401	553,170	(X)	(X)	-8.9
Construction materials and supplies.....	53,566	54,375	55,326	-1.5	-1.7	-2.4	52,933	54,358	55,667	59,547	(X)	(X)	-11.1
Information technology.....	40,125	41,298	41,591	-2.8	-0.7	-0.5	39,233	41,732	41,566	40,887	(X)	(X)	-4.0
Computers and related products	4,344	4,406	4,599	-1.4	-4.2	-2.0	4,161	4,568	4,578	4,887	(X)	(X)	-14.9
Motor vehicle and parts.....	18,832	18,930	19,315	-0.5	-2.0	-2.4	18,533	18,965	19,426	23,369	(X)	(X)	-20.7
Capital goods.....	160,022	161,417	162,614	-0.9	-0.7	-0.3	157,724	162,449	163,146	154,172	(X)	(X)	2.3
Nondefense capital goods ³	139,988	141,161	142,341	-0.8	-0.8	-0.5	137,767	142,153	142,800	134,987	(X)	(X)	2.1
Excluding aircraft.....	101,906	103,585	104,797	-1.6	-1.2	-1.2	100,189	104,330	105,089	105,867	(X)	(X)	-5.4
Defense capital goods ⁴	20,034	20,256	20,273	-1.1	-0.1	1.0	19,957	20,296	20,346	19,185	(X)	(X)	4.0
Consumer goods.....	143,277	144,053	143,935	-0.5	0.1	-0.7	143,067	143,631	142,450	168,476	(X)	(X)	-15.1
Consumer durable goods.....	24,953	25,373	25,981	-1.7	-2.3	-1.8	24,414	25,261	25,841	28,208	(X)	(X)	-13.5
Consumer nondurable goods.....	118,324	118,680	117,954	-0.3	0.6	-0.4	118,653	118,370	116,609	140,268	(X)	(X)	-15.4

^p Preliminary ^r Revised X Not Applicable.

¹ Topical series are regroupings of the separate industry categories.

² Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

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 Group**[Millions of Dollars]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change June 09/08
	June 2009 ^p	May 2009 ^f	Apr. 2009	May - June	Apr. - May	Mar. - Apr.	June 2009 ^p	May 2009 ^f	Apr. 2009	June 2008	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	171,186	172,342	174,075	-0.7	-1.0	-2.0	169,785	171,431	173,161	189,605	-10.5
Durable goods industries.....	106,878	108,298	110,277	-1.3	-1.8	-2.1	105,071	107,394	109,590	112,198	-6.4
Wood products.....	4,102	4,208	4,367	-2.5	-3.6	-2.2	3,799	3,833	4,019	3,955	-3.9
Nonmetallic mineral products.....	4,707	4,672	4,683	0.7	-0.2	0.2	4,697	4,672	4,681	4,822	-2.6
Primary metals.....	12,613	12,990	13,391	-2.9	-3.0	-2.7	12,364	12,667	13,059	12,539	-1.4
Fabricated metal products.....	14,372	14,642	15,058	-1.8	-2.8	-3.7	14,164	14,454	15,026	15,985	-11.4
Machinery.....	19,967	20,392	20,681	-2.1	-1.4	-2.1	19,675	20,374	20,782	20,523	-4.1
Computers and electronic products.....	14,254	14,465	14,867	-1.5	-2.7	-1.4	14,014	14,346	14,715	15,238	-8.0
Electrical equipment, appliances, and components.....	5,022	5,148	5,234	-2.4	-1.6	-4.4	4,964	5,195	5,281	6,110	-18.8
Transportation equipment.....	21,122	20,938	21,057	0.9	-0.6	-1.5	20,720	20,982	21,078	21,635	-4.2
Furniture and related products.....	3,174	3,274	3,288	-3.1	-0.4	-1.4	3,190	3,293	3,287	3,925	-18.7
Miscellaneous products.....	7,545	7,569	7,651	-0.3	-1.1	-1.2	7,484	7,578	7,662	7,466	0.2
Nondurable goods industries.....	64,308	64,044	63,798	0.4	0.4	-1.8	64,714	64,037	63,571	77,407	-16.4
Food products.....	13,609	13,522	13,339	0.6	1.4	1.2	13,475	13,258	13,254	14,069	-4.2
Beverage and tobacco products.....	4,412	4,422	4,448	-0.2	-0.6	-0.6	4,304	4,389	4,446	4,319	-0.3
Textiles.....	994	977	1,002	1.7	-2.5	0.3	980	976	1,005	1,181	-17.0
Textile products.....	1,065	1,066	1,078	-0.1	-1.1	-1.5	1,062	1,060	1,072	1,292	-17.8
Apparel.....	992	989	989	0.3	0.0	-1.2	996	988	981	1,085	-8.2
Leather and allied products.....	391	392	387	-0.3	1.3	-3.7	388	390	380	369	5.1
Paper products.....	6,645	6,672	6,845	-0.4	-2.5	-1.1	6,602	6,636	6,868	7,383	-10.6
Printing.....	2,647	2,689	2,737	-1.6	-1.8	-4.3	2,676	2,634	2,698	3,159	-15.3
Petroleum and coal products.....	7,335	7,353	6,808	-0.2	8.0	-8.6	7,977	7,803	6,865	14,810	-46.1
Chemical products.....	18,591	18,352	18,417	1.3	-0.4	-1.6	18,737	18,431	18,343	20,778	-9.8
Plastics and rubber products.....	7,627	7,610	7,748	0.2	-1.8	-1.3	7,517	7,472	7,659	8,962	-16.1
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	161,453	162,502	162,799	-0.6	-0.2	-0.1	159,613	163,311	163,159	162,153	-1.6
Durable goods industries.....	124,510	125,250	125,534	-0.6	-0.2	-0.2	123,044	126,242	126,147	121,178	1.5
Wood products.....	1,629	1,658	1,696	-1.7	-2.2	-2.8	1,620	1,676	1,724	1,900	-14.7
Nonmetallic mineral products.....	1,383	1,390	1,387	-0.5	0.2	-0.2	1,397	1,445	1,460	1,344	3.9
Primary metals.....	7,088	7,186	7,403	-1.4	-2.9	-4.9	7,156	7,229	7,381	10,841	-34.0
Fabricated metal products.....	11,740	12,074	12,362	-2.8	-2.3	-0.8	11,632	12,086	12,294	13,271	-12.4
Machinery.....	14,414	14,485	14,544	-0.5	-0.4	-1.8	14,221	14,652	14,578	14,675	-3.1
Computers and electronic products.....	20,969	21,587	21,574	-2.9	0.1	-1.0	20,522	21,952	21,653	20,495	0.1
Electrical equipment, appliances, and components.....	2,617	2,665	2,737	-1.8	-2.6	-1.8	2,635	2,708	2,780	3,240	-18.7
Transportation equipment.....	60,297	59,778	59,343	0.9	0.7	1.7	59,499	60,032	59,782	50,513	17.8
Furniture and related products.....	1,132	1,115	1,195	1.5	-6.7	-6.6	1,138	1,122	1,194	1,324	-14.0
Miscellaneous products.....	3,241	3,312	3,293	-2.1	0.6	-1.9	3,224	3,340	3,301	3,575	-9.8
Nondurable goods industries.....	36,943	37,252	37,265	-0.8	0.0	0.4	36,569	37,069	37,012	40,975	-10.8
Food products.....	2,187	2,219	2,219	-1.4	0.0	-5.0	1,906	1,970	2,068	2,078	-8.3
Beverage and tobacco products.....	4,502	4,457	4,457	1.0	0.0	0.2	4,175	4,296	4,405	3,898	7.1
Textiles.....	698	740	732	-5.7	1.1	-2.8	684	732	716	858	-20.3
Textile products.....	335	331	334	1.2	-0.9	-3.2	331	330	335	402	-17.7
Apparel.....	553	552	557	0.2	-0.9	-2.8	562	546	557	679	-17.2
Leather and allied products.....	79	84	86	-6.0	-2.3	-5.5	76	84	87	87	-12.6
Paper products.....	1,329	1,310	1,325	1.5	-1.1	-2.4	1,333	1,319	1,323	1,529	-12.8
Printing.....	1,446	1,492	1,532	-3.1	-2.6	-3.2	1,379	1,416	1,471	1,716	-19.6
Petroleum and coal products.....	8,341	7,626	7,358	9.4	3.6	6.7	8,430	7,652	7,487	12,387	-31.9
Chemical products.....	15,229	16,190	16,384	-5.9	-1.2	-0.6	15,502	16,488	16,263	14,898	4.1
Plastics and rubber products.....	2,244	2,251	2,281	-0.3	-1.3	0.7	2,191	2,236	2,300	2,443	-10.3
<u>FINISHED GOODS</u>											
All manufacturing industries.....	175,700	177,671	179,671	-1.1	-1.1	-1.4	174,489	178,819	180,081	201,412	-13.4
Durable goods industries.....	86,375	88,028	89,593	-1.9	-1.7	-1.6	85,661	89,175	90,540	97,284	-11.9
Wood products.....	4,041	4,045	4,102	-0.1	-1.4	-2.2	4,089	4,159	4,310	4,306	-5.0
Nonmetallic mineral products.....	5,346	5,425	5,443	-1.5	-0.3	-2.2	5,372	5,596	5,640	5,782	-7.1
Primary metals.....	6,609	6,891	7,164	-4.1	-3.8	-4.2	6,553	6,993	7,244	10,163	-35.5
Fabricated metal products.....	12,760	12,909	12,990	-1.2	-0.6	-2.4	12,745	12,970	13,193	14,189	-10.2
Machinery.....	16,693	16,706	17,124	-0.1	-2.4	-0.6	16,328	16,817	17,348	18,102	-9.8
Computers and electronic products.....	9,217	9,538	9,529	-3.4	0.1	1.0	8,894	9,632	9,496	9,694	-8.3
Electrical equipment, appliances, and components.....	5,333	5,381	5,419	-0.9	-0.7	-0.1	5,261	5,466	5,524	5,827	-9.7
Transportation equipment.....	11,843	12,490	13,055	-5.2	-4.3	-3.0	11,999	12,876	13,162	14,391	-16.6
Furniture and related products.....	2,194	2,282	2,366	-3.9	-3.6	-3.7	2,274	2,339	2,332	2,859	-20.5
Miscellaneous products.....	12,339	12,361	12,401	-0.2	-0.3	-0.6	12,146	12,327	12,291	11,971	1.5
Nondurable goods industries.....	89,325	89,643	90,078	-0.4	-0.5	-1.2	88,828	89,644	89,541	104,128	-14.7
Food products.....	19,959	20,314	20,375	-1.7	-0.3	-0.4	19,392	19,809	19,592	20,738	-6.5
Beverage and tobacco products.....	6,520	6,582	6,579	-0.9	0.0	-0.3	6,471	6,614	6,745	6,417	0.8
Textiles.....	1,576	1,591	1,648	-0.9	-3.5	0.2	1,540	1,590	1,650	1,553	-0.8
Textile products.....	1,338	1,382	1,401	-3.2	-1.4	-2.4	1,326	1,381	1,391	1,543	-14.1
Apparel.....	2,349	2,386	2,440	-1.6	-2.2	-1.7	2,443	2,358	2,343	2,850	-14.3
Leather and allied products.....	585	589	601	-0.7	-2.0	-0.8	586	583	586	546	7.3
Paper products.....	5,830	5,787	5,841	0.7	-0.9	-2.4	5,806	5,873	5,934	6,539	-11.2
Printing.....	1,749	1,765	1,768	-0.9	-0.2	-2.9	1,766	1,790	1,760	2,011	-12.2
Petroleum and coal products.....	10,628	10,373	10,332	2.5	0.4	0.1	11,167	10,637	10,000	18,285	-38.9
Chemical products.....	29,255	29,270	29,552	-0.1	-1.0	-2.1	29,009	29,364	29,821	32,913	-11.9
Plastics and rubber products.....	9,536	9,604	9,541	-0.7	0.7	-0.6	9,322	9,645	9,719	10,733	-13.1

^p Preliminary^f Revised

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

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

[Based on Seasonally Adjusted data]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Jun 2009 ^p	May 2009 ^r	Apr 2009	Mar 2009	Jun 2009 ^p	May 2009 ^r	Apr 2009	Mar 2009
All manufacturing industries ²	1.42	1.45	1.45	1.46	(X)	(X)	(X)	(X)
Durable goods industries ²	1.89	1.91	1.88	1.89	6.04	6.15	6.04	5.98
Wood products.....	1.34	1.33	1.36	1.45	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.55	1.56	1.57	1.57	(X)	(X)	(X)	(X)
Primary metals.....	2.19	2.24	2.24	2.21	1.18	1.12	1.12	1.13
Fabricated metal products.....	1.67	1.71	1.70	1.69	2.21	2.26	2.25	2.22
Machinery.....	2.19	2.23	2.29	2.24	4.28	4.31	4.41	4.36
Computers and electronic products ²	1.63	1.64	1.62	1.68	5.72	5.79	5.72	5.66
Electrical equipment, appliances, and components.....	1.57	1.59	1.55	1.61	2.67	2.67	2.62	2.70
Transportation equipment.....	2.20	2.22	2.08	2.07	13.27	13.77	13.18	13.19
Furniture and related products.....	1.27	1.30	1.33	1.34	1.40	1.42	1.42	1.38
Miscellaneous products.....	1.95	1.93	1.93	1.95	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.00	1.03	1.04	1.05	(X)	(X)	(X)	(X)
Food products.....	0.72	0.73	0.72	0.71	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.37	1.40	1.35	1.41	(X)	(X)	(X)	(X)
Textiles.....	1.47	1.48	1.51	1.54	(X)	(X)	(X)	(X)
Textile products.....	1.60	1.58	1.55	1.60	(X)	(X)	(X)	(X)
Apparel.....	1.83	1.85	1.83	1.85	(X)	(X)	(X)	(X)
Leather and allied products.....	2.45	2.58	2.58	2.63	(X)	(X)	(X)	(X)
Paper products.....	1.08	1.08	1.09	1.10	(X)	(X)	(X)	(X)
Printing.....	0.81	0.80	0.80	0.82	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.71	0.77	0.82	0.83	(X)	(X)	(X)	(X)
Chemical products.....	1.26	1.27	1.29	1.30	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.31	1.31	1.31	1.31	(X)	(X)	(X)	(X)

^p Preliminary

^r Revised

X Not Applicable

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 Changes

[Based on Seasonally Adjusted data]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Jun ¹ 2009	Jun ² 2008- May 2009	Jun ¹ 2009	Jun ² 2008- May 2009	Jun ¹ 2009	Jun ² 2008- May 2009	Jun ¹ 2009	Jun ² 2008- May 2009
All manufacturing industries.....	(X)	0.5	(X)	0.8	(X)	0.2	(X)	0.2
Durable goods industries.....	0.1	0.6	0.3	1.3	0.0	0.2	-0.3	0.2
Wood products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.8
Nonmetallic mineral products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.1	1.0	0.1	2.2	0.1	0.9	-0.1	0.4
Fabricated metal products.....	0.0	0.7	-0.1	1.4	-0.1	0.4	-0.2	0.4
Machinery.....	0.3	0.8	0.4	2.7	0.0	0.5	-0.4	0.3
Computers and electronic products.....	0.0	0.9	2.0	1.2	0.2	0.2	-0.8	0.3
Electrical equipment, appliances, and components.....	0.0	0.7	0.4	2.1	0.2	0.6	0.0	0.6
Transportation equipment.....	0.1	0.6	-0.4	1.1	-0.1	0.1	-0.1	0.1
Furniture and related products.....	(X)	0.8	(X)	1.4	(X)	0.7	(X)	0.4
Miscellaneous products.....	(X)	0.6	(X)	0.7	(X)	0.6	(X)	0.2
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.3
Textiles.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.5
Textile products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.9
Paper products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.6
Printing.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	1.0
Petroleum and coal products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	1.2
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.5

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.

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 59 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 61 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>.