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

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

Summary

New orders for manufactured goods in May, up three of the last four months, increased \$4.1 billion or 1.2 percent to \$347.9 billion, the U.S. Census Bureau reported today. This followed a 0.5 percent April increase. Excluding transportation, new orders increased 0.8 percent.

Shipments, down ten consecutive months, decreased \$3.1 billion or 0.9 percent to \$353.3 billion. This was the longest streak of consecutive monthly decreases since the series was first published on a NAICS basis in 1992 and followed a 0.5 percent April decrease.

Unfilled orders, down eight consecutive months, decreased \$1.8 billion or 0.2 percent to \$747.3 billion. This was the longest streak of consecutive monthly decreases since November 2001-July 2002. This followed a 1.1 percent April decrease. The unfilled orders-to-shipments ratio was 6.15, up from 6.04 in April.

Inventories, down nine consecutive months, decreased \$3.2 billion or 0.6 percent to \$513.3 billion. This was the longest streak of consecutive monthly decreases since March 2003-January 2004 and followed a 1.2 percent April decrease. The inventories-to-shipments ratio was 1.45, unchanged from April.

New Orders

New orders for manufactured durable goods in May, up three of the last four months, increased \$2.9 billion or 1.8 percent to \$163.4 billion, unchanged from the previously published increase. This followed a 1.4 percent April increase.

Transportation equipment, up three of the last four months, had the largest increase, \$1.5 billion or 3.8 percent to \$42.3 billion.

New orders for manufactured nondurable goods increased \$1.2 billion or 0.7 percent to \$184.5 billion.

Shipments

Shipments of manufactured durable goods in May, down ten consecutive months, decreased \$4.3 billion or 2.5 percent to \$168.9 billion, revised from the previously published 2.1 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 0.7 percent April decrease.

Transportation equipment, down two consecutive months, had the largest decrease, \$2.8 billion or 6.2 percent to \$42.2 billion.

Shipments of manufactured nondurable goods, up following three consecutive monthly decreases, increased \$1.2 billion or 0.7 percent to \$184.5 billion. This followed a 0.2 percent April decrease. This increase was due to petroleum and coal products, which increased \$2.5 billion or 8.3 percent to \$32.3 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in May, down eight consecutive months, decreased \$1.8 billion or 0.2 percent to \$747.3 billion, revised from the previously published 0.3 percent decrease. This followed a 1.1 percent April decrease.

Machinery, down eight consecutive months, had the largest decrease, \$0.9 billion or 1.0 percent to \$87.6 billion.

Inventories

Inventories of manufactured durable goods in May, down five consecutive months, decreased \$3.3 billion or 1.0 percent to \$322.1 billion, revised from the previously published 0.8 percent decrease. This followed a 1.2 percent April decrease.

Primary metals, down eight consecutive months, had the largest decrease, \$0.9 billion or 3.1 percent to \$27.1 billion.

Inventories of manufactured nondurable goods, up following eight consecutive monthly decreases, increased slightly to \$191.2 billion. This followed a 1.1 percent April decrease. Petroleum and coal products drove the increase, up \$0.7 billion or 3.0 percent to \$25.2 billion.

By stage of fabrication, May materials and supplies decreased 1.7 percent in durable goods and increased 0.3 percent in nondurable goods. Work in process decreased 0.2 percent in durable goods and increased 0.2 percent in nondurable goods. Finished goods decreased 1.4 percent in durable goods and 0.3 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 June is scheduled for release on July 29, 2009, at 8:30 a.m. EDT and the full report on August 5, 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		
	May 2009 ^p	Apr. 2009 ^f	Mar. 2009	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2009 ^p	Apr. 2009 ^f	Mar. 2009	May 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries	353,334	356,430	358,073	-0.9	-0.5	-1.8	357,438	352,699	370,878	460,851	1,749,611	2,177,293	-19.6
Excluding transportation	311,153	311,481	313,022	-0.1	-0.5	-2.2	314,897	309,118	320,879	407,009	1,533,337	1,906,201	-19.6
Excluding defense	339,912	343,045	344,865	-0.9	-0.5	-1.8	344,057	339,805	356,481	448,875	1,686,803	2,122,013	-20.5
With unfilled orders	121,559	124,037	126,704	-2.0	-2.1	-1.7	121,286	120,731	136,574	154,443	610,971	749,339	-18.5
Durable goods industries	168,864	173,180	174,417	-2.5	-0.7	-1.9	168,534	170,789	186,624	215,193	848,592	1,053,058	-19.4
Wood products.....	7,502	7,486	7,173	0.2	4.4	-4.4	7,816	7,532	7,121	8,464	35,503	39,357	-9.8
Nonmetallic mineral products.....	7,311	7,317	7,415	-0.1	-1.3	-3.9	7,608	7,432	7,352	9,805	35,747	45,080	-20.7
Primary metals.....	12,072	12,473	13,111	-3.2	-4.9	-7.5	12,551	12,817	13,638	23,487	65,720	110,676	-40.6
Iron and steel mills.....	4,707	4,909	5,320	-4.1	-7.7	-13.0	4,883	4,974	5,525	12,144	26,871	55,506	-51.6
Aluminum and nonferrous metals.....	6,290	6,433	6,480	-2.2	-0.7	-3.1	6,558	6,675	6,699	9,362	32,635	46,141	-29.3
Ferrous metal foundries.....	1,075	1,131	1,311	-5.0	-13.7	-4.0	1,110	1,168	1,414	1,981	6,214	9,029	-31.2
Fabricated metal products.....	23,268	23,804	24,455	-2.3	-2.7	-2.1	23,710	23,782	25,130	28,841	118,316	136,117	-13.1
Machinery.....	23,105	22,812	23,710	1.3	-3.8	-3.5	23,217	23,485	25,705	29,615	117,705	145,992	-19.4
Farm machinery.....	2,283	2,275	2,459	0.4	-7.5	-3.5	2,413	2,977	2,955	2,658	13,373	12,527	6.8
Construction machinery.....	1,461	1,506	1,632	-3.0	-7.7	-10.1	1,467	1,525	1,727	2,532	8,045	12,013	-33.0
Mining, oil field, and gas field machinery.....	1,419	1,403	1,449	1.1	-3.2	-7.4	1,329	1,301	1,548	1,475	7,179	7,333	-2.1
Industrial machinery.....	2,365	2,326	2,154	1.7	8.0	-3.5	2,091	2,368	2,278	2,650	11,195	14,925	-25.0
Photographic equipment.....	517	506	497	2.2	1.8	-22.3	506	491	521	537	2,485	2,611	-4.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,526	3,378	3,225	4.4	4.7	-1.7	3,656	3,069	3,393	3,961	15,484	19,626	-21.1
Metalworking machinery.....	1,630	1,777	1,810	-8.3	-1.8	-8.8	1,534	1,668	1,913	2,422	8,637	11,951	-27.7
Turbines, generators, and other power transmission equipment.....	2,858	2,611	3,253	9.5	-19.7	3.7	2,982	2,796	3,397	4,102	15,049	18,719	-19.6
Material handling equipment.....	1,572	1,609	1,533	-2.3	5.0	-5.7	1,574	1,543	1,701	2,421	7,983	13,043	-38.8
Computers and electronic products.....	27,915	28,449	27,616	-1.9	3.0	-1.0	25,828	26,994	30,697	30,431	133,538	156,156	-14.5
Computers.....	2,507	2,553	2,471	-1.8	3.3	-9.1	2,189	2,424	2,590	2,796	12,275	15,413	-20.4
Computer storage devices.....	569	585	589	-2.7	-0.7	10.7	422	307	893	531	2,260	2,892	-21.9
Other peripheral equipment.....	1,244	1,238	1,335	0.5	-7.3	4.9	1,122	997	1,644	1,330	5,644	6,364	-11.3
Nondefense communications equipment.....	3,832	3,933	4,119	-2.6	-4.5	3.0	3,520	3,175	4,841	4,759	17,880	23,365	-23.5
Defense communications equipment.....	672	739	669	-9.1	10.5	-15.0	705	721	733	664	3,691	3,241	13.9
Audio and video equipment.....	542	471	507	15.1	-7.1	2.0	491	388	502	629	2,225	3,207	-30.6
Semiconductors.....	3,692	4,059	2,891	-9.0	40.4	-3.7	3,411	5,354	2,400	4,574	18,522	26,795	-30.9
Electronic components.....	3,195	3,246	3,309	-1.6	-1.9	-1.1	3,045	2,953	3,658	3,808	15,646	19,455	-19.6
Nondefense search and navigation equipment.....	834	831	890	0.4	-6.6	-4.5	810	778	1,012	974	4,214	4,853	-13.2
Defense search and navigation equipment.....	2,739	2,718	2,735	0.8	-0.6	0.4	2,744	2,720	2,925	2,993	13,163	13,534	-2.7
Electromedical, measuring, and control instruments.....	7,606	7,555	7,616	0.7	-0.8	0.0	6,949	6,722	9,028	6,866	35,837	34,531	3.8
Electrical equipment, appliances, and components.....	8,319	8,613	8,486	-3.4	1.5	-2.9	8,314	8,464	8,878	10,926	41,431	52,203	-20.6
Electric lighting equipment.....	944	950	979	-0.6	-3.0	-0.3	918	914	1,052	1,021	4,685	5,027	-6.8
Household appliances.....	1,736	1,778	1,746	-2.4	1.8	1.5	1,768	1,777	1,813	2,014	8,225	9,294	-11.5
Electrical equipment.....	2,577	2,665	2,665	-3.3	0.0	-4.2	2,524	2,557	2,921	3,554	13,192	17,503	-24.6
Batteries.....	685	721	647	-5.0	11.4	-8.9	644	660	629	801	3,153	3,769	-16.3
Transportation equipment.....	42,181	44,949	45,051	-6.2	-0.2	1.1	42,541	43,581	49,999	53,842	216,274	271,092	-20.2
Automobiles.....	4,152	4,863	4,475	-14.6	8.7	-3.3	4,076	4,642	4,795	6,940	22,243	36,650	-39.3
Light trucks and utility vehicles.....	5,128	5,728	5,836	-10.5	-1.9	1.3	5,095	5,481	6,526	8,586	27,870	47,289	-41.1
Heavy duty trucks.....	951	1,023	1,116	-7.0	-8.3	-3.5	924	1,018	1,200	1,498	5,380	7,424	-27.5
Motor vehicle bodies, parts, and trailers.....	12,669	13,416	13,118	-5.6	2.3	-0.7	13,191	13,820	14,266	16,988	66,671	86,224	-22.7
Nondefense aircraft and parts.....	7,234	7,764	7,963	-6.8	-2.5	0.4	7,236	7,087	9,530	8,196	37,599	40,396	-6.9
Defense aircraft and parts.....	5,619	5,302	5,527	6.0	-4.1	7.1	5,523	4,968	6,051	4,444	24,925	20,680	20.5
Ships and boats.....	1,935	2,120	1,763	-8.7	20.2	-16.8	2,060	2,117	1,891	2,595	9,865	11,936	-17.4
Furniture and related products.....	5,147	5,151	5,288	-0.1	-2.6	-2.7	5,134	4,986	5,236	6,561	25,503	32,089	-20.5
Miscellaneous durable goods.....	12,044	12,126	12,112	-0.7	0.1	-1.5	11,815	11,716	12,868	13,221	58,855	64,296	-8.5
Nondurable goods industries.....	184,470	183,250	183,656	0.7	-0.2	-1.6	188,904	181,910	184,254	245,658	901,019	1,124,235	-19.9
Food products.....	49,392	50,086	50,441	-1.4	-0.7	0.4	48,820	48,581	50,345	51,046	243,227	247,106	-1.6
Grain and oilseed milling.....	5,676	5,702	5,828	-0.5	-2.2	1.0	5,248	5,397	5,947	5,759	27,515	28,318	-2.8
Dairy products.....	6,133	6,301	6,272	-2.7	0.5	0.8	6,196	6,057	6,221	7,431	30,289	36,420	-16.8
Meat, poultry, and seafood products.....	14,192	14,521	14,809	-2.3	-1.9	-0.8	14,452	14,214	14,276	15,594	71,411	73,775	-3.2
Beverage and tobacco products.....	11,091	11,451	11,030	-3.1	3.8	-4.4	11,837	11,266	10,813	12,612	55,084	55,302	-0.4
Beverages.....	7,505	7,667	7,807	-2.1	-1.8	-1.2	8,251	7,482	7,590	8,732	37,390	37,513	-0.3
Tobacco.....	3,586	3,784	3,223	-5.2	17.4	-11.4	3,586	3,784	3,223	3,880	17,694	17,789	-0.5
Textile mills.....	2,224	2,242	2,200	-0.8	1.9	-0.8	2,271	2,256	2,249	2,873	11,061	14,468	-23.5
Textile products.....	1,769	1,815	1,794	-2.5	1.2	-3.3	1,831	1,823	1,828	2,432	8,946	11,672	-23.4
Apparel.....	2,125	2,178	2,190	-2.4	-0.5	-6.6	2,026	1,981	2,172	2,572	10,502	12,561	-16.4
Leather and allied products.....	403	416	418	-3.1	-0.5	-0.7	371	392	445	445	2,002	2,393	-16.3
Paper products.....	12,766	12,845	12,996	-0.6	-1.2	-1.8	12,785	12,570	13,113	14,397	63,803	71,279	-10.5
Pulp, paper, and paperboard mills.....	6,107	6,147	6,171	-0.7	-0.4	-1.7	6,073	6,046	6,211	6,893	30,551	34,583	-11.7
Paperboard containers.....	3,396	3,503	3,581	-3.1	-2.2	-1.2	3,366	3,467	3,591	4,100	17,209	20,086	-14.3
Printing.....	7,493	7,586	7,609	-1.2	-0.3	-0.5	7,298	7,426	7,726	8,059	36,645	40,288	-9.0
Petroleum and coal products.....	32,340	29,869	29,768	8.3	0.3	-2.2	34,919	29,587	27,568	71,672	146,861	290,259	-49.4
Petroleum refineries.....	29,649	27,134	26,934	9.3	0.7	-0.5	32,142	26,950	24,945	68,708	133,893	278,189	-51.9
Chemical products.....	49,982	49,817	50,186	0.3	-0.7	-2.1	51,266	50,901	52,732	60,736	249,049	290,527	-14.3
Pesticides, fertilizers, and other agricultural chemicals.....	3,378	3,124	3,139	8.1	-0.5	-0.8	4,399	4,258	4,120	4,696	18,159	19,659	-7.6
Pharmaceuticals and medicines.....	14,417	14,376	14,488	0.3	-0.8	-3.0	14,148	14,407	15,012	14,072	71,201	71,483	-0.4
Paints, coatings, and adhesives.....	2,507	2,509	2,469	-0.1	1.6	-1.2	2,714	2,739	2,534	3,069	12,466	14,092	-11.5
Plastics and rubber products.....	14,885	14,945	15,024	-0.4	-0.5	-2.8	15,480	15,127	15,263	18,814	73,839	88,380	-16.5

^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		
	May 2009 ^p	Apr. 2009 ^r	Mar. 2009	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2009 ^p	Apr. 2009 ^r	Mar. 2009	May 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries ²	347,850	343,760	341,935	1.2	0.5	-1.9	348,964	335,775	358,386	458,808	1,684,020	2,196,247	-23.3
Excluding transportation ²	305,534	302,992	303,588	0.8	-0.2	-2.1	309,358	300,016	314,347	403,458	1,495,575	1,902,380	-21.4
Excluding defense ²	332,815	329,548	329,721	1.0	-0.1	-2.0	336,257	323,923	342,727	448,662	1,622,364	2,138,493	-24.1
With unfilled orders ²	119,767	115,426	113,457	3.8	1.7	-2.1	116,223	109,161	126,482	156,974	563,902	795,088	-29.1
Durable goods industries ²	163,380	160,510	158,279	1.8	1.4	-2.2	160,060	153,865	174,132	213,150	783,001	1,072,012	-27.0
Primary metals.....	11,680	11,668	11,641	0.1	0.2	-9.2	12,107	12,042	12,368	22,781	61,305	113,384	-45.9
Iron and steel mills.....	4,531	4,452	4,221	1.8	5.5	-21.4	4,724	4,590	4,575	11,807	24,312	57,900	-58.0
Aluminum and nonferrous metals.....	6,144	6,183	6,201	-0.6	-0.3	-2.6	6,351	6,394	6,500	9,045	31,392	46,356	-32.3
Ferrous metal foundries.....	1,005	1,033	1,219	-2.7	-15.3	12.6	1,032	1,058	1,293	1,929	5,601	9,128	-38.6
Fabricated metal products.....	22,452	23,009	22,249	-2.4	3.4	-3.0	23,629	23,163	24,167	29,618	113,975	141,224	-19.3
Machinery.....	22,245	20,772	20,730	7.1	0.2	-7.3	22,031	21,829	23,118	30,739	108,179	156,894	-31.0
Construction machinery.....	1,025	919	374	11.5	145.7	-68.8	843	927	735	2,920	4,511	15,455	-70.8
Mining, oil field, and gas field machinery.....	1,102	1,194	1,175	-7.7	1.6	-9.2	1,075	1,095	1,233	1,964	5,651	8,730	-35.3
Industrial machinery.....	2,232	1,303	1,169	71.3	11.5	-38.7	1,833	1,564	1,210	2,408	8,320	16,652	-50.0
Photographic equipment.....	521	471	469	10.6	0.4	-22.0	482	459	508	542	2,501	2,822	-11.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,813	3,964	3,645	-3.8	8.8	-6.3	4,228	3,848	3,886	4,659	17,650	20,674	-14.6
Metalworking machinery.....	1,680	1,459	1,555	15.1	-6.2	-2.9	1,577	1,369	1,623	2,554	7,701	12,829	-40.0
Turbines, generators, and other power transmission equipment.....	2,589	2,429	3,144	6.6	-22.7	14.4	2,652	2,615	3,357	4,141	13,992	19,715	-29.0
Material handling equipment.....	1,664	1,516	1,363	9.8	11.2	13.7	1,560	1,381	1,544	2,045	7,070	13,132	-46.2
Computers and electronic products ²	24,779	24,177	25,060	2.5	-3.5	1.5	22,007	21,222	29,178	25,172	114,929	131,498	-12.6
Computers.....	2,781	2,176	2,392	27.8	-9.0	-12.1	2,463	2,047	2,511	3,001	11,692	15,307	-23.6
Nondefense communications equipment.....	4,106	3,886	4,099	5.7	-5.2	7.8	3,913	3,386	4,779	4,773	18,595	24,595	-24.4
Defense communications equipment.....	827	1,096	564	-24.5	94.3	-41.1	569	914	1,002	672	4,410	3,429	28.6
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	3,159	3,228	3,298	-2.1	-2.1	3.4	2,992	2,928	3,542	3,689	15,400	19,894	-22.6
Nondefense search and navigation equipment.....	835	834	1,024	0.1	-18.6	46.1	709	750	1,169	982	3,985	5,048	-21.1
Defense search and navigation equipment.....	2,933	2,906	2,948	0.9	-1.4	-1.7	2,398	2,652	3,581	2,373	13,980	13,648	2.4
Electromedical, measuring, and control instruments.....	7,300	7,236	7,819	0.9	-7.5	3.5	6,508	6,398	9,084	6,685	34,557	34,608	-0.1
Electrical equipment, appliances, and components.....	8,068	8,111	8,182	-0.5	-0.9	0.1	8,198	8,078	8,356	11,379	40,581	54,146	-25.1
Electric lighting equipment.....	901	775	1,003	16.3	-22.7	4.3	912	783	1,114	1,010	4,646	5,308	-12.5
Household appliances.....	1,710	1,817	1,766	-5.9	2.9	2.7	1,749	1,808	1,763	1,992	8,354	9,475	-11.8
Electrical equipment.....	2,465	2,560	2,346	-3.7	9.1	-0.9	2,476	2,571	2,428	3,693	12,280	18,512	-33.7
Transportation equipment.....	42,316	40,768	38,347	3.8	6.3	-0.1	39,606	35,759	44,039	55,350	188,445	293,867	-35.9
Motor vehicle bodies, parts, and trailers.....	12,565	13,167	13,038	-4.6	1.0	-0.4	12,888	13,716	13,802	16,688	65,776	85,293	-22.9
Nondefense aircraft and parts.....	6,716	3,980	4,034	68.7	-1.3	7.5	5,247	1,007	5,465	11,181	16,844	62,585	-73.1
Defense aircraft and parts.....	5,295	5,417	5,355	-2.3	1.2	6.6	4,479	4,650	6,566	4,626	24,368	22,461	8.5
Ships and boats.....	1,667	1,861	1,139	-10.4	63.4	-21.1	1,365	1,492	1,197	1,710	6,975	12,102	-42.4
Furniture and related products.....	5,184	5,144	5,418	0.8	-5.1	0.7	5,444	5,160	5,613	6,744	26,388	32,863	-19.7
Nondurable goods industries.....	184,470	183,250	183,656	0.7	-0.2	-1.6	188,904	181,910	184,254	245,658	901,019	1,124,235	-19.9

^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 May 09/08
	May 2009 ^P	Apr. 2009 ^r	Mar. 2009	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2009 ^P	Apr. 2009 ^r	Mar. 2009	May 2008	
All manufacturing industries ¹	747,289	749,081	757,692	-0.2	-1.1	-1.7	751,684	756,747	768,317	817,565	-8.1
Excluding transportation ¹	307,724	309,651	314,081	-0.6	-1.4	-2.0	311,678	313,806	317,554	357,995	-12.9
Excluding defense ¹	586,820	590,225	599,663	-0.6	-1.6	-2.0	590,280	594,669	605,197	663,782	-11.1
Durable goods industries ¹	747,289	749,081	757,692	-0.2	-1.1	-1.7	751,684	756,747	768,317	817,565	-8.1
Primary metals.....	13,568	13,960	14,765	-2.8	-5.5	-9.1	13,912	14,356	15,131	29,971	-53.6
Iron and steel mills.....	6,532	6,708	7,165	-2.6	-6.4	-13.3	6,789	6,948	7,332	18,844	-64.0
Aluminum and nonferrous metals.....	4,915	5,061	5,311	-2.9	-4.7	-5.0	4,985	5,192	5,473	8,092	-38.4
Ferrous metal foundries.....	2,121	2,191	2,289	-3.2	-4.3	-3.9	2,138	2,216	2,326	3,035	-29.6
Fabricated metal products.....	50,755	51,571	52,366	-1.6	-1.5	-4.0	52,394	52,475	53,094	64,526	-18.8
Machinery.....	87,603	88,463	90,503	-1.0	-2.3	-3.2	88,385	89,571	91,227	101,289	-12.7
Construction machinery.....	8,830	9,266	9,853	-4.7	-6.0	-11.3	8,998	9,622	10,220	14,518	-38.0
Mining, oil field, and gas field machinery.....	5,752	6,069	6,278	-5.2	-3.3	-4.2	5,753	6,007	6,213	6,228	-7.6
Industrial machinery.....	11,367	11,500	12,523	-1.2	-8.2	-7.3	11,546	11,804	12,608	16,638	-30.6
Photographic equipment.....	1,805	1,801	1,836	0.2	-1.9	-1.5	1,813	1,837	1,869	1,717	5.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	18,186	17,899	17,313	1.6	3.4	2.5	18,315	17,743	16,964	14,546	25.9
Metalworking machinery.....	6,804	6,754	7,072	0.7	-4.5	-3.5	6,879	6,836	7,135	8,557	-19.6
Turbines, generators, and other power transmission equipment.....	13,498	13,767	13,949	-2.0	-1.3	-0.8	13,660	13,990	14,171	14,524	-5.9
Material handling equipment.....	8,113	8,021	8,114	1.1	-1.1	-2.1	8,158	8,172	8,334	9,995	-18.4
Computers and electronic products ¹	123,859	123,303	123,516	0.5	-0.2	0.3	124,492	124,902	125,320	123,904	0.5
Computers.....	3,507	3,233	3,610	8.5	-10.4	-2.1	3,507	3,233	3,610	3,611	-2.9
Nondefense communications equipment.....	28,418	28,144	28,191	1.0	-0.2	-0.1	29,077	28,684	28,473	29,957	-2.9
Defense communications equipment.....	9,294	9,139	8,782	1.7	4.1	-1.2	9,111	9,247	9,054	7,878	15.7
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	9,842	9,878	9,896	-0.4	-0.2	-0.1	9,834	9,887	9,912	10,695	-8.1
Nondefense search and navigation equipment.....	8,497	8,496	8,493	0.0	0.0	1.6	8,505	8,606	8,634	6,796	25.1
Defense search and navigation equipment.....	37,514	37,320	37,132	0.5	0.5	0.6	37,750	38,096	38,164	37,315	1.2
Electromedical, measuring, and control instruments.....	26,787	27,093	27,412	-1.1	-1.2	0.7	26,708	27,149	27,473	27,652	-3.4
Electrical equipment, appliances, and components.....	20,442	20,693	21,195	-1.2	-2.4	-1.4	20,749	20,865	21,251	25,007	-17.0
Electric lighting equipment.....	1,909	1,952	2,127	-2.2	-8.2	1.1	1,981	1,987	2,118	2,637	-24.9
Household appliances.....	454	480	441	-5.4	8.8	4.8	462	481	450	753	-38.6
Electrical equipment.....	13,286	13,398	13,503	-0.8	-0.8	-2.3	13,385	13,433	13,419	15,738	-15.0
Transportation equipment.....	439,565	439,430	443,611	0.0	-0.9	-1.5	440,006	442,941	450,763	459,570	-4.3
Motor vehicle bodies, parts, and trailers.....	14,749	14,853	15,102	-0.7	-1.6	-0.5	14,754	15,057	15,161	17,634	-16.3
Nondefense aircraft and parts.....	287,614	288,132	291,916	-0.2	-1.3	-1.3	287,355	289,344	295,424	302,804	-5.1
Defense aircraft and parts.....	47,244	47,568	47,453	-0.7	0.2	-0.4	47,670	48,714	49,032	45,083	5.7
Ships and boats.....	19,905	20,173	20,432	-1.3	-1.3	-3.0	20,054	20,749	21,374	20,169	-0.6
Furniture and related products.....	6,423	6,386	6,393	0.6	-0.1	2.1	6,672	6,362	6,188	7,538	-11.5

^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 May 09/08
	May 2009 ^p	Apr. 2009 ^r	Mar. 2009	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2009 ^p	Apr. 2009 ^r	Mar. 2009	May 2008	
All manufacturing industries	513,329	516,545	522,662	-0.6	-1.2	-1.2	514,191	516,401	520,429	553,028	-7.0
Excluding transportation	420,157	423,090	429,454	-0.7	-1.5	-1.2	420,222	422,379	427,740	465,743	-9.8
Excluding defense	487,033	490,284	496,652	-0.7	-1.3	-1.3	487,761	490,039	494,449	528,375	-7.7
With unfilled orders	259,275	261,835	264,930	-1.0	-1.2	-1.9	260,429	262,556	263,318	267,117	-2.5
Durable goods industries	322,145	325,404	329,460	-1.0	-1.2	-1.7	323,284	326,277	327,943	333,452	-3.0
Wood products.....	9,926	10,165	10,401	-2.4	-2.3	2.1	9,677	10,053	10,525	10,129	-4.5
Nonmetallic mineral products.....	11,491	11,513	11,630	-0.2	-1.0	-1.2	11,711	11,781	11,910	12,190	-3.9
Primary metals.....	27,094	27,958	29,012	-3.1	-3.6	-3.9	26,908	27,684	28,561	33,112	-18.7
Iron and steel mills.....	15,604	16,267	16,985	-4.1	-4.2	-4.2	15,353	16,006	16,633	18,054	-15.0
Aluminum and nonferrous metals.....	9,079	9,200	9,473	-1.3	-2.9	-3.4	9,180	9,197	9,357	12,447	-26.2
Ferrous metal foundries.....	2,411	2,491	2,554	-3.2	-2.5	-3.1	2,375	2,481	2,571	2,611	-9.0
Fabricated metal products.....	39,737	40,410	41,408	-1.7	-2.4	-2.9	39,632	40,513	41,566	43,354	-8.6
Machinery.....	51,811	52,349	53,161	-1.0	-1.5	-2.3	51,995	52,708	53,622	54,053	-3.8
Farm machinery.....	3,256	3,292	3,357	-1.1	-1.9	-2.0	3,241	3,377	3,707	3,059	5.9
Construction machinery.....	5,252	5,328	5,351	-1.4	-0.4	-7.1	5,309	5,453	5,454	5,591	-5.0
Mining, oil field, and gas field machinery.....	4,782	4,792	4,777	-0.2	0.3	-1.3	4,862	4,841	4,784	4,370	11.3
Industrial machinery.....	6,479	6,569	6,706	-1.4	-2.0	-1.1	6,574	6,512	6,739	6,900	-4.7
Photographic equipment.....	1,449	1,462	1,510	-0.9	-3.2	4.7	1,480	1,495	1,485	1,335	10.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,083	4,170	4,246	-2.1	-1.8	-3.7	4,231	4,317	4,297	5,068	-16.5
Metalworking machinery.....	4,850	5,008	5,162	-3.2	-3.0	-1.8	4,813	4,976	5,095	5,193	-7.3
Turbines, generators, and other power transmission equipment.....	5,699	5,731	5,779	-0.6	-0.8	-3.5	5,612	5,649	5,643	5,909	-5.0
Material handling equipment.....	3,009	3,048	3,140	-1.3	-2.9	-1.9	3,009	3,064	3,141	3,420	-12.0
Computers and electronic products	45,657	45,970	46,298	-0.7	-0.7	-1.5	45,974	45,864	45,127	46,892	-2.0
Computers.....	1,023	1,175	1,242	-12.9	-5.4	-0.1	1,031	1,098	1,219	1,479	-30.3
Computer storage devices.....	1,332	1,335	1,359	-0.2	-1.8	-2.7	1,415	1,377	1,265	1,742	-18.8
Other peripheral equipment.....	2,078	2,089	2,093	-0.5	-0.2	1.6	2,128	2,103	1,990	2,130	-0.1
Nondefense communications equipment.....	8,442	8,360	8,374	1.0	-0.2	-1.1	8,517	8,356	8,118	8,478	0.5
Defense communications equipment.....	2,071	1,967	1,921	5.3	2.4	4.4	2,071	1,967	1,921	1,472	40.7
Audio and video equipment.....	752	788	773	-4.6	1.9	-4.7	702	690	674	917	-23.4
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,206	6,283	6,315	-1.2	-0.5	-2.0	6,244	6,310	6,131	6,677	-6.5
Nondefense search and navigation equipment.....	4,898	4,879	4,851	0.4	0.6	-3.2	4,892	4,854	4,753	4,801	1.9
Defense search and navigation equipment.....	3,552	3,541	3,603	0.3	-1.7	0.5	3,588	3,580	3,581	3,493	2.7
Electromedical, measuring and control instruments.....	10,730	10,876	10,884	-1.3	-0.1	-0.4	10,829	10,889	10,705	10,539	2.8
Electrical equipment, appliances, and components.....	13,241	13,390	13,687	-1.1	-2.2	-1.2	13,395	13,585	13,725	15,375	-12.9
Electric lighting equipment.....	1,533	1,557	1,593	-1.5	-2.3	-3.0	1,570	1,585	1,583	1,841	-14.7
Household appliances.....	2,066	2,040	2,017	1.3	1.1	1.2	2,126	2,112	2,005	2,022	5.1
Electrical equipment.....	4,265	4,365	4,589	-2.3	-4.9	-0.9	4,232	4,393	4,606	5,284	-19.9
Batteries.....	701	705	712	-0.6	-1.0	-1.8	723	720	719	827	-12.6
Transportation equipment.....	93,172	93,455	93,208	-0.3	0.3	-1.0	93,969	94,022	92,689	87,285	7.7
Automobiles.....	1,891	1,995	2,046	-5.2	-2.5	-0.5	1,861	1,976	1,980	2,502	-25.6
Light trucks and utility vehicles.....	1,743	1,841	1,917	-5.3	-4.0	-4.6	1,762	1,893	1,864	2,865	-38.5
Heavy duty trucks.....	1,464	1,489	1,513	-1.7	-1.6	-6.6	1,450	1,461	1,489	1,519	-4.5
Motor vehicle bodies, parts, and trailers.....	13,839	13,990	14,307	-1.1	-2.2	-3.1	13,916	14,096	14,337	16,964	-18.0
Nondefense aircraft and parts.....	47,042	47,038	46,655	0.0	0.8	-0.7	47,568	47,311	46,393	37,643	26.4
Defense aircraft and parts.....	15,521	15,543	15,205	-0.1	2.2	1.4	15,620	15,571	15,126	14,316	9.1
Ships and boats.....	2,949	2,860	2,979	3.1	-4.0	0.1	2,880	2,872	3,078	2,852	1.0
Furniture and related products.....	6,714	6,849	7,071	-2.0	-3.1	-2.5	6,777	6,813	6,951	8,096	-16.3
Miscellaneous durable goods.....	23,302	23,345	23,584	-0.2	-1.0	-0.4	23,246	23,254	23,267	22,966	1.2
Nondurable goods industries.....	191,184	191,141	193,202	0.0	-1.1	-0.3	190,907	190,124	192,486	219,576	-13.1
Food products.....	36,189	35,933	35,972	0.7	-0.1	0.2	35,108	34,914	35,163	36,619	-4.1
Grain and oilseed milling.....	4,619	4,384	4,242	5.4	3.3	0.1	4,467	4,241	4,173	4,939	-9.6
Dairy products.....	4,424	4,437	4,486	-0.3	-1.1	0.6	4,572	4,552	4,454	4,630	-1.3
Meat, poultry, and seafood products.....	7,166	7,127	7,060	0.5	0.9	-0.3	7,153	7,071	7,007	7,625	-6.2
Beverage and tobacco products.....	15,500	15,484	15,519	0.1	-0.2	1.0	15,327	15,596	15,741	14,931	2.7
Beverages.....	11,477	11,490	11,523	-0.1	-0.3	0.6	11,340	11,563	11,635	11,171	1.5
Tobacco.....	4,023	3,994	3,996	0.7	-0.1	2.3	3,987	4,033	4,106	3,760	6.0
Textile mills.....	3,325	3,382	3,397	-1.7	-0.4	-1.1	3,304	3,371	3,367	3,711	-11.0
Textile products.....	2,779	2,813	2,875	-1.2	-2.2	-1.1	2,772	2,798	2,832	3,304	-16.1
Apparel.....	3,938	3,986	4,055	-1.2	-1.7	-2.1	3,910	3,881	3,896	4,460	-12.3
Leather and allied products.....	1,068	1,074	1,099	-0.6	-2.3	1.8	1,056	1,053	1,081	1,010	4.6
Paper products.....	13,720	14,011	14,261	-2.1	-1.8	-3.1	13,817	14,125	14,422	15,558	-11.2
Pulp, paper, and paperboard mills.....	5,896	6,040	6,184	-2.4	-2.3	-2.4	5,983	6,107	6,295	6,934	-13.7
Paperboard containers.....	3,827	3,950	3,982	-3.1	-0.8	-6.0	3,831	3,975	4,018	4,238	-9.6
Printing.....	5,956	6,037	6,264	-1.3	-3.6	-4.3	5,838	5,929	6,160	6,812	-14.3
Petroleum and coal products.....	25,230	24,498	24,662	3.0	-0.7	1.9	26,104	24,352	24,229	41,917	-37.7
Petroleum refineries.....	22,980	22,147	22,191	3.8	-0.2	2.3	23,840	21,951	21,743	39,559	-39.7
Chemical products.....	64,054	64,353	65,385	-0.5	-1.6	0.3	64,313	64,427	65,622	68,830	-6.6
Pesticides, fertilizers, and other agricultural chemicals.....	3,397	3,338	3,327	1.8	0.3	4.0	3,329	3,446	3,719	3,203	3.9
Pharmaceuticals and medicines.....	25,353	25,277	25,221	0.3	0.2	1.3	25,418	25,138	25,001	23,906	6.3
Paints, coatings, and adhesives.....	2,976	2,993	3,031	-0.6	-1.3	-1.6	3,011	3,049	3,114	3,245	-7.2
Plastics and rubber products.....	19,425	19,570	19,713	-0.7	-0.7	-2.8	19,358	19,678	19,973	22,424	-13.7

^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
	May 2009 ^p	Apr. 2009 ^f	Mar. 2009	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2009 ^p	Apr. 2009 ^f	Mar. 2009	May 2008	2009 ^p	2008	
SHIPMENTS													
All manufacturing industries	353,334	356,430	358,073	-0.9	-0.5	-1.8	357,438	352,699	370,878	460,851	1,749,611	2,177,293	-19.6
Construction materials and supplies.....	37,314	37,676	37,674	-1.0	0.0	-4.1	38,617	37,563	37,980	45,824	182,280	212,815	-14.3
Information technology.....	23,922	24,149	24,362	-0.9	-0.9	-1.5	22,338	21,734	27,623	26,122	114,031	129,127	-11.7
Computers and related products	4,320	4,376	4,395	-1.3	-0.4	-2.8	3,733	3,728	5,127	4,657	20,179	24,669	-18.2
Motor vehicle and parts.....	22,900	25,030	24,545	-8.5	2.0	-0.8	23,286	24,961	26,787	34,012	122,164	177,587	-31.2
Capital goods.....	66,331	66,759	68,085	-0.6	-1.9	-1.1	64,799	64,182	75,330	76,346	327,397	373,812	-12.4
Nondefense capital goods ³	55,969	56,467	58,067	-0.9	-2.8	-0.9	54,293	54,181	64,464	67,187	278,604	330,623	-15.7
Excluding aircraft.....	52,068	52,243	53,780	-0.3	-2.9	-1.7	50,209	50,352	59,215	62,463	258,530	308,783	-16.3
Defense capital goods ⁴	10,362	10,292	10,018	0.7	2.7	-2.3	10,506	10,001	10,866	9,159	48,793	43,189	13.0
Consumer goods.....	141,191	141,233	141,046	0.0	0.1	-1.1	143,528	138,371	141,191	194,525	689,923	894,557	-22.9
Consumer durable goods.....	21,583	23,020	22,819	-6.2	0.9	-1.5	21,574	22,416	24,569	30,947	111,165	158,069	-29.7
Consumer nondurable goods.....	119,608	118,213	118,227	1.2	0.0	-1.1	121,954	115,955	116,622	163,578	578,758	736,488	-21.4
NEW ORDERS													
All manufacturing industries ⁵	347,850	343,760	341,935	1.2	0.5	-1.9	348,964	335,775	358,386	458,808	1,684,020	2,196,247	-23.3
Construction materials and supplies.....	36,805	37,311	36,245	-1.4	2.9	-5.5	39,008	37,714	37,387	46,955	180,372	217,412	-17.0
Information technology.....	24,448	23,658	24,651	3.3	-4.0	0.6	21,914	21,009	28,566	25,908	114,178	131,508	-13.2
Computers and related products	4,594	3,999	4,316	14.9	-7.3	-4.6	4,007	3,351	5,048	4,862	19,596	24,563	-20.2
Motor vehicle and parts.....	22,796	24,781	24,465	-8.0	1.3	-0.7	22,983	24,857	26,323	33,712	121,269	176,656	-31.4
Capital goods.....	65,572	59,890	59,150	9.5	1.3	-2.6	60,456	54,159	68,426	78,580	289,752	409,645	-29.3
Nondefense capital goods ³	53,497	48,648	50,424	10.0	-3.5	-1.0	50,164	44,974	56,899	71,011	241,358	365,203	-33.9
Excluding aircraft.....	50,524	48,241	49,989	4.7	-3.5	-1.4	48,348	47,013	55,878	63,532	244,622	322,935	-24.3
Defense capital goods ⁴	12,075	11,242	8,726	7.4	28.8	-11.1	10,292	9,185	11,527	7,569	48,394	44,442	8.9
Consumer goods.....	140,967	141,185	141,125	-0.2	0.0	-0.8	143,305	138,349	141,235	194,233	689,411	894,200	-22.9
Consumer durable goods.....	21,359	22,972	22,898	-7.0	0.3	0.7	21,351	22,394	24,613	30,655	110,653	157,712	-29.8
Consumer nondurable goods.....	119,608	118,213	118,227	1.2	0.0	-1.1	121,954	115,955	116,622	163,578	578,758	736,488	-21.4
UNFILLED ORDERS													
All manufacturing industries ⁵	747,289	749,081	757,692	-0.2	-1.1	-1.7	751,684	756,747	768,317	817,565	(X)	(X)	-8.1
Construction materials and supplies.....	47,319	47,828	48,193	-1.1	-0.8	-2.9	48,476	48,085	47,934	55,165	(X)	(X)	-12.1
Information technology.....	120,615	120,089	120,580	0.4	-0.4	0.2	121,392	121,816	122,541	120,805	(X)	(X)	0.5
Computers and related products	3,507	3,233	3,610	8.5	-10.4	-2.1	3,507	3,233	3,610	3,611	(X)	(X)	-2.9
Motor vehicle and parts.....	14,749	14,853	15,102	-0.7	-1.6	-0.5	14,754	15,057	15,161	17,634	(X)	(X)	-16.3
Capital goods.....	574,056	574,815	581,684	-0.1	-1.2	-1.5	576,290	580,633	590,656	611,290	(X)	(X)	-5.7
Nondefense capital goods ³	429,553	432,025	439,844	-0.6	-1.8	-1.7	431,024	435,153	444,360	473,395	(X)	(X)	-9.0
Excluding aircraft.....	177,204	178,748	182,750	-0.9	-2.2	-2.0	179,274	181,135	184,474	202,936	(X)	(X)	-11.7
Defense capital goods ⁴	144,503	142,790	141,840	1.2	0.7	-0.9	145,266	145,480	146,296	137,895	(X)	(X)	5.3
Consumer goods.....	7,424	7,648	7,696	-2.9	-0.6	1.0	7,485	7,708	7,730	8,807	(X)	(X)	-15.0
Consumer durable goods.....	7,424	7,648	7,696	-2.9	-0.6	1.0	7,485	7,708	7,730	8,807	(X)	(X)	-15.0
TOTAL INVENTORIES													
All manufacturing industries	513,329	516,545	522,662	-0.6	-1.2	-1.2	514,191	516,401	520,429	553,028	(X)	(X)	-7.0
Construction materials and supplies.....	54,447	55,326	56,703	-1.6	-2.4	-1.9	54,421	55,667	57,228	60,041	(X)	(X)	-9.4
Information technology.....	41,390	41,591	41,792	-0.5	-0.5	-0.7	41,779	41,566	40,901	42,227	(X)	(X)	-1.1
Computers and related products	4,433	4,599	4,694	-3.6	-2.0	-0.1	4,574	4,578	4,474	5,351	(X)	(X)	-14.5
Motor vehicle and parts.....	18,937	19,315	19,783	-2.0	-2.4	-3.3	18,989	19,426	19,670	23,850	(X)	(X)	-20.4
Capital goods.....	161,653	162,614	163,184	-0.6	-0.3	-1.1	162,636	163,146	162,465	156,345	(X)	(X)	4.0
Nondefense capital goods ³	141,396	142,341	143,109	-0.7	-0.5	-1.4	142,344	142,800	142,341	136,966	(X)	(X)	3.9
Excluding aircraft.....	103,921	104,797	106,048	-0.8	-1.2	-1.6	104,521	105,089	105,367	107,777	(X)	(X)	-3.0
Defense capital goods ⁴	20,257	20,273	20,075	-0.1	1.0	0.9	20,292	20,346	20,124	19,379	(X)	(X)	4.7
Consumer goods.....	144,311	143,935	144,940	0.3	-0.7	0.2	143,795	142,450	143,106	164,856	(X)	(X)	-12.8
Consumer durable goods.....	25,502	25,981	26,465	-1.8	-1.8	-1.7	25,305	25,841	26,049	28,522	(X)	(X)	-11.3
Consumer nondurable goods.....	118,809	117,954	118,475	0.7	-0.4	0.6	118,490	116,609	117,057	136,334	(X)	(X)	-13.1

^P Preliminary ^F 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 May 09/08
	May 2009 ^p	Apr. 2009 ^f	Mar. 2009	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2009 ^p	Apr. 2009 ^f	Mar. 2009	May 2008	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	172,453	174,075	177,617	-0.9	-2.0	-1.7	171,557	173,161	176,331	188,766	-9.1
Durable goods industries.....	108,432	110,277	112,672	-1.7	-2.1	-2.0	107,489	109,590	111,501	112,002	-4.0
Wood products.....	4,231	4,367	4,463	-3.1	-2.2	3.9	3,839	4,019	4,298	3,835	0.1
Nonmetallic mineral products.....	4,672	4,683	4,675	-0.2	0.2	-1.1	4,673	4,681	4,691	4,854	-3.7
Primary metals.....	13,016	13,391	13,756	-2.8	-2.7	-3.1	12,658	13,059	13,305	11,912	6.3
Fabricated metal products.....	14,649	15,058	15,635	-2.7	-3.7	-3.5	14,488	15,026	15,674	15,781	-8.2
Machinery.....	20,507	20,681	21,128	-0.8	-2.1	-2.0	20,415	20,782	21,056	20,450	-0.2
Computers and electronic products.....	14,397	14,867	15,083	-3.2	-1.4	-2.2	14,311	14,715	14,806	15,441	-7.3
Electrical equipment, appliances, and components.....	5,163	5,234	5,477	-1.4	-4.4	-0.8	5,204	5,281	5,492	6,168	-15.6
Transportation equipment.....	20,922	21,057	21,373	-0.6	-1.5	-2.1	21,015	21,078	21,214	22,083	-4.8
Furniture and related products.....	3,272	3,288	3,335	-0.5	-1.4	-3.2	3,287	3,287	3,316	3,968	-17.2
Miscellaneous products.....	7,603	7,651	7,747	-0.6	-1.2	0.2	7,599	7,662	7,649	7,510	1.2
Nondurable goods industries.....	64,021	63,798	64,945	0.3	-1.8	-1.2	64,068	63,571	64,830	76,764	-16.5
Food products.....	13,486	13,339	13,181	1.1	1.2	1.2	13,242	13,254	13,105	13,832	-4.3
Beverage and tobacco products.....	4,435	4,448	4,475	-0.3	-0.6	0.7	4,403	4,446	4,518	4,400	0.1
Textiles.....	980	1,002	999	-2.2	0.3	-1.8	977	1,005	989	1,184	-17.5
Textile products.....	1,062	1,078	1,094	-1.5	-1.5	-2.3	1,061	1,072	1,080	1,313	-19.2
Apparel.....	989	989	1,001	0.0	-1.2	-1.6	990	981	991	1,099	-9.9
Leather and allied products.....	390	387	402	0.8	-3.7	-0.7	387	380	396	374	3.5
Paper products.....	6,647	6,845	6,919	-2.9	-1.1	-3.6	6,636	6,868	6,978	7,393	-10.2
Printing.....	2,690	2,737	2,861	-1.7	-4.3	-7.2	2,637	2,698	2,860	3,135	-15.9
Petroleum and coal products.....	7,368	6,808	7,450	8.2	-8.6	3.7	7,813	6,865	7,327	14,050	-44.4
Chemical products.....	18,384	18,417	18,715	-0.2	-1.6	-2.1	18,441	18,343	18,773	21,155	-12.8
Plastics and rubber products.....	7,590	7,748	7,848	-2.0	-1.3	-3.3	7,481	7,659	7,813	8,829	-15.3
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	162,661	162,799	162,885	-0.1	-0.1	-0.8	163,504	163,159	162,218	164,575	-0.7
Durable goods industries.....	125,331	125,534	125,765	-0.2	-0.2	-1.5	126,416	126,147	125,133	122,546	3.2
Wood products.....	1,658	1,696	1,744	-2.2	-2.8	-1.4	1,676	1,724	1,759	1,902	-11.9
Nonmetallic mineral products.....	1,390	1,387	1,390	0.2	-0.2	1.2	1,443	1,460	1,460	1,364	5.8
Primary metals.....	7,142	7,403	7,781	-3.5	-4.9	-5.6	7,225	7,381	7,675	10,924	-33.9
Fabricated metal products.....	12,152	12,362	12,459	-1.7	-0.8	-2.5	12,131	12,294	12,323	13,309	-8.9
Machinery.....	14,520	14,544	14,814	-0.2	-1.8	-3.7	14,704	14,578	14,886	14,894	-1.3
Computers and electronic products.....	21,630	21,574	21,781	0.3	-1.0	-0.3	21,942	21,653	21,175	21,328	2.9
Electrical equipment, appliances, and components.....	2,684	2,737	2,787	-1.9	-1.8	-2.1	2,722	2,780	2,787	3,203	-15.0
Transportation equipment.....	59,681	59,343	58,371	0.6	1.7	-0.7	60,078	59,782	58,469	50,835	18.2
Furniture and related products.....	1,147	1,195	1,280	-4.0	-6.6	2.8	1,152	1,194	1,273	1,313	-12.3
Miscellaneous products.....	3,327	3,293	3,358	1.0	-1.9	-1.9	3,343	3,301	3,326	3,474	-3.8
Nondurable goods industries.....	37,330	37,265	37,120	0.2	0.4	1.5	37,088	37,012	37,085	42,029	-11.8
Food products.....	2,223	2,219	2,337	0.2	-5.0	5.9	1,964	2,068	2,310	2,176	-9.7
Beverage and tobacco products.....	4,446	4,457	4,448	-0.2	0.2	1.4	4,301	4,405	4,504	4,071	5.6
Textiles.....	745	732	753	1.8	-2.8	0.4	735	716	740	915	-19.7
Textile products.....	328	334	345	-1.8	-3.2	-5.2	330	335	341	419	-21.2
Apparel.....	553	557	573	-0.7	-2.8	-3.0	550	557	553	668	-17.7
Leather and allied products.....	87	86	91	1.2	-5.5	3.4	87	87	94	91	-4.4
Paper products.....	1,307	1,325	1,357	-1.4	-2.4	-1.5	1,317	1,323	1,363	1,500	-12.2
Printing.....	1,506	1,532	1,582	-1.7	-3.2	0.3	1,419	1,471	1,519	1,667	-14.9
Petroleum and coal products.....	7,576	7,358	6,893	3.0	6.7	3.2	7,652	7,487	7,124	13,414	-43.0
Chemical products.....	16,306	16,384	16,476	-0.5	-0.6	1.6	16,489	16,263	16,223	14,589	13.0
Plastics and rubber products.....	2,253	2,281	2,265	-1.2	0.7	-3.6	2,244	2,300	2,314	2,519	-10.9
<u>FINISHED GOODS</u>											
All manufacturing industries.....	178,215	179,671	182,160	-0.8	-1.4	-1.0	179,130	180,081	181,880	199,687	-10.3
Durable goods industries.....	88,382	89,593	91,023	-1.4	-1.6	-1.7	89,379	90,540	91,309	98,904	-9.6
Wood products.....	4,037	4,102	4,194	-1.6	-2.2	1.7	4,162	4,310	4,468	4,392	-5.2
Nonmetallic mineral products.....	5,429	5,443	5,565	-0.3	-2.2	-1.9	5,595	5,640	5,759	5,972	-6.3
Primary metals.....	6,936	7,164	7,475	-3.2	-4.2	-3.5	7,025	7,244	7,581	10,276	-31.6
Fabricated metal products.....	12,936	12,990	13,314	-0.4	-2.4	-2.6	13,013	13,193	13,569	14,264	-8.8
Machinery.....	16,784	17,124	17,219	-2.0	-0.6	-1.6	16,876	17,348	17,680	18,709	-9.8
Computers and electronic products.....	9,630	9,529	9,434	1.1	1.0	-3.0	9,721	9,496	9,146	10,123	-4.0
Electrical equipment, appliances, and components.....	5,394	5,419	5,423	-0.5	-0.1	-1.2	5,469	5,524	5,446	6,004	-8.9
Transportation equipment.....	12,569	13,055	13,464	-3.7	-3.0	-0.6	12,876	13,162	13,006	14,367	-10.4
Furniture and related products.....	2,295	2,366	2,456	-3.0	-3.7	-4.1	2,338	2,332	2,362	2,815	-16.9
Miscellaneous products.....	12,372	12,401	12,479	-0.2	-0.6	-0.3	12,304	12,291	12,292	11,982	2.7
Nondurable goods industries.....	89,833	90,078	91,137	-0.3	-1.2	-0.4	89,751	89,541	90,571	100,783	-10.9
Food products.....	20,480	20,375	20,454	0.5	-0.4	-1.0	19,902	19,592	19,748	20,611	-3.4
Beverage and tobacco products.....	6,619	6,579	6,596	0.6	-0.3	0.9	6,623	6,745	6,719	6,460	2.5
Textiles.....	1,600	1,648	1,645	-2.9	0.2	-1.4	1,592	1,650	1,638	1,612	-1.2
Textile products.....	1,389	1,401	1,436	-0.9	-2.4	0.8	1,381	1,391	1,411	1,572	-12.2
Apparel.....	2,396	2,440	2,481	-1.8	-1.7	-2.1	2,370	2,343	2,352	2,693	-12.0
Leather and allied products.....	591	601	606	-1.7	-0.8	3.2	582	586	591	545	6.8
Paper products.....	5,766	5,841	5,985	-1.3	-2.4	-2.8	5,864	5,934	6,081	6,665	-12.0
Printing.....	1,760	1,768	1,821	-0.5	-2.9	-3.3	1,782	1,760	1,781	2,010	-11.3
Petroleum and coal products.....	10,286	10,332	10,319	-0.4	0.1	-0.1	10,639	10,000	9,778	14,453	-26.4
Chemical products.....	29,364	29,552	30,194	-0.6	-2.1	1.1	29,383	29,821	30,626	33,086	-11.2
Plastics and rubber products.....	9,582	9,541	9,600	0.4	-0.6	-2.3	9,633	9,719	9,846	11,076	-13.0

^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			
	May 2009 ^p	Apr 2009 ^r	Mar 2009	Feb 2009	May 2009 ^p	Apr 2009 ^r	Mar 2009	Feb 2009
All manufacturing industries ²	1.45	1.45	1.46	1.45	(X)	(X)	(X)	(X)
Durable goods industries ²	1.91	1.88	1.89	1.88	6.15	6.04	5.98	5.98
Wood products.....	1.32	1.36	1.45	1.36	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.57	1.57	1.57	1.53	(X)	(X)	(X)	(X)
Primary metals.....	2.24	2.24	2.21	2.13	1.12	1.12	1.13	1.15
Fabricated metal products.....	1.71	1.70	1.69	1.71	2.26	2.25	2.22	2.26
Machinery.....	2.24	2.29	2.24	2.22	4.31	4.41	4.36	4.36
Computers and electronic products ²	1.64	1.62	1.68	1.69	5.79	5.72	5.66	5.57
Electrical equipment, appliances, and components.....	1.59	1.55	1.61	1.59	2.68	2.62	2.70	2.68
Transportation equipment.....	2.21	2.08	2.07	2.11	13.76	13.18	13.19	13.65
Furniture and related products.....	1.30	1.33	1.34	1.33	1.44	1.42	1.38	1.32
Miscellaneous products.....	1.93	1.93	1.95	1.93	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.04	1.04	1.05	1.04	(X)	(X)	(X)	(X)
Food products.....	0.73	0.72	0.71	0.71	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.40	1.35	1.41	1.33	(X)	(X)	(X)	(X)
Textiles.....	1.50	1.51	1.54	1.55	(X)	(X)	(X)	(X)
Textile products.....	1.57	1.55	1.60	1.57	(X)	(X)	(X)	(X)
Apparel.....	1.85	1.83	1.85	1.77	(X)	(X)	(X)	(X)
Leather and allied products.....	2.65	2.58	2.63	2.57	(X)	(X)	(X)	(X)
Paper products.....	1.07	1.09	1.10	1.11	(X)	(X)	(X)	(X)
Printing.....	0.79	0.80	0.82	0.86	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.78	0.82	0.83	0.79	(X)	(X)	(X)	(X)
Chemical products.....	1.28	1.29	1.30	1.27	(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	
	May ¹ 2009	May ² 2008-Apr 2009	May ¹ 2009	May ² 2008-Apr 2009	May ¹ 2009	May ² 2008-Apr 2009	May ¹ 2009	May ² 2008-Apr 2009
All manufacturing industries.....	(X)	0.5	(X)	0.8	(X)	0.2	(X)	0.2
Durable goods industries.....	-0.4	0.5	0.0	1.3	0.1	0.2	-0.2	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)	0.3
Primary metals.....	-0.1	1.0	-0.1	2.2	-0.1	0.9	-0.1	0.4
Fabricated metal products.....	-0.7	0.7	0.1	1.5	-0.1	0.4	-0.4	0.4
Machinery.....	-0.6	0.8	-0.6	2.8	-0.1	0.5	-0.3	0.3
Computers and electronic products.....	-1.2	0.9	0.3	1.2	0.1	0.1	-0.9	0.3
Electrical equipment, appliances, and components.....	-0.4	0.7	0.6	2.0	0.1	0.6	-0.2	0.5
Transportation equipment.....	-0.2	0.5	0.2	1.1	0.0	0.1	0.0	0.2
Furniture and related products.....	(X)	0.8	(X)	1.3	(X)	0.5	(X)	0.5
Miscellaneous products.....	(X)	0.7	(X)	0.7	(X)	0.6	(X)	0.3
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.4
Textiles.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.6
Textile products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	1.0
Paper products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.6
Printing.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	1.1
Petroleum and coal products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	1.2
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.1
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>.